IEEE P802.11
Wireless LANs

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| CC36 Comment Resolution CID 7888  |
| Date: 2021-9-3 |
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Abstract

This submission proposes comment resolution(s) for the following CID(s) received in CC36 related to EMLSR operation for group address frames:

* 7888

Revisions:

* Rev 0: Initial version of the document.

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| **CID** | **Commenter** | **Clause Number** | **Page.****Line** | **Comment** | **Proposed Change** | **Resolution** |
| 7888 | Yongho Seok | 35.3.15 | 281.47 | "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."This should be limited to an individually addressed frame exchange sequence. And, clarify the reception of the group addressed frame in the EMLSR mode. | As in the comment. | Revised.Agree with the commenter. A procedure for a group addressed frame for a non-AP MLD operating in the EMLSR mode has been added.TGbe editor to make the changes with the CID tag (#7888) in doc.: IEEE 802.11-21/1483r0[https://mentor.ieee.org/802.11/dcn/21/11-21-1483-00-00be-cc36-cr-cid 7888.docx] |

**Discussion:**

When a non-AP MLD is operating in EMLSR mode, an AP affiliated with an AP MLD initiates frame exchange sequences by transmitting a MU-RTS or BSRP frame addressed to one of the STAs affiliated with the non-AP MLD. However, this is not applicable for a group address frame because the group address frame is for all associated non-AP MLDs.

A simple solution to this problem is to transmit group addressed frames immediately following a Beacon frame containing DTIM transmission. A non-AP MLD in the EMLSR mode knows when DTIM beacon will be transmitted so can receive group addressed frames following the DTIM beacon.

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

When a non-AP MLD is operating in the EMLSR mode with an AP MLD supporting the EMLSR mode the
following applies:

…

— 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.

(#7888)— An AP affiliated with the AP MLD shall transmit group addressed BUs immediately following a Beacon frame containing a DTIM transmission.