IEEE P802.11
Wireless LANs

|  |
| --- |
| 802.11be LB CC36 resolution for CIDs assigned to Carol Ansley |
| Date: December 6, 2021 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Carol Ansley | Cox Communications |  |  | carol@ansley.com |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

 Abstract

This submission proposes resolutions for the following 5 comments submitted during LB 257 for 11bc D2.0:

4283, 5028, 6176, 6619, 7319.

Revisions:

* Rev 0: Initial version of the document.

***TGbe Editor: The baseline for the proposed changes is 802.11be D1.3***

**35.1 Introduction**

***TGbc Editor: please update the subclause as shown below:***

This section only applies to STAs with ~~An EHT STA shall set~~ dot11EHTBaseLineFeaturesImplementedOnly set to true. [7319]

An EHT STA supports the MAC and MLME functions defined in Clause 35 (Extremely high throughput (EHT) MAC specification) in addition to the MAC functions defined in Clause 36 (High efficiency (HE) MAC specification) and Clause 10 (MAC sublayer functional descriptions), the frame formats in Clause 9 (Frame formats), the MLME functions defines in Clause 11 (MLME) and the security functions defined in Clause 12 Security) except when the functions in Clause 35 (Extremely High Throughput (EHT) MAC specification) supersede the functions in Clause 9 (Frame Formats), Clause 10 (MAC sublayer functional description), Clause 11 (MLME), Clause 12 (security) or Clause 26 (High efficiency (HE) MAC specification).[6619]

A reference model for MLO is described in 4.9.5 (Reference model for multi-link operation (MLO).

**35.3.1 General**

***TGbc Editor: please update the following paragraphs in this subclause as shown below:***

An EHT STA can operate as an MLD to support multi-link operation (MLO). [6176]

MLO enables a non-AP MD to discover, authenticate, associate and set up multiple links with an AP MLD. Each link enables channel access and frame exchanges between the non-AP MLD and the AP MLD based on the supported capabilities exchanges during association. A non-AP MLD may establish a TDLS direct link with another non-AP MLD.[5028]

A STA, which is affiliated with an MLD, may select and manage its capabilities and operating parameters independently from the other STA(s) affiliated with the MLD, unless specified otherwise.

NOTE 1—For example, each AP, which is affiliated with an AP MLD. May select its BSS color corresponding to the BSS that the AP generates differently.

NOTE 2—Examples of operating parameters that are selected at the MLD level (i.e., not independently selected by affiliated STAs) are the listen interval (see 35.3.11.6 (Operation for MLD listen interval)) and the WNM sleep interval (see 11.2.3.1 (General)).