IEEE P802.11
Wireless LANs

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| Comment resolutions for Reference Model (4.9.6) |
| Date: 2023-08-01 |
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Abstract

This submission proposes resolutions for following CIDs received for TGbe D5.0:

xxx.

~~22016, 22017, 22229~~

22206

**Revisions:**

* Rev 0: Initial version of the document.
* Rev 1: Added the DCN to the document
* Rev 2: Updated text pertaining to CID 22206 based on the discussion in TGbe meeting (04/24/2024)

***TGbe editor: The baseline for this document is 11be D5.1***

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** | **Clause** | **Pg/Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 22016 | Mark Hamilton | 4.9.6 | 75.46 | There is only one upper MAC sublayer in an MLD. "in each upper MAC sublayer component" doesn't make sense. | Delete "in each upper MAC sublayer component". | **Accepted** |
| 22017 | Mark Hamilton | 4.9.6 | 76.51 | A few incorrect "lower MAC sublayer(s)" are still in the draft. Also one snuck through as "sub-layer". | Replace "sublayers" with "entities" at P76.51. Replace "sub-layer" with "entity" at P76.52. Replace "sublayer" with "entity" at P79.28, and P82.25. In Figure 7-1, change "MLMS" to "MLME" (4x in the drawing, and 1 in the legend) and change "MLD Lower MAC Sublayer" to "MLD Lower MAC Entity" in the legend. In Figure 7-2, change "MLD lower MAC sublayer" to "MLD lower MAC entity" (2x). Replace "sublayer components" with "entities" at P75.58. | **Accepted** |
| 22206 | Osama Aboulmagd | 4.9.6 | 71.27 | Communication over links using different frequency bands or channels can occur simultaneously or not depending on the capabilities of both the AP MLD and the non-AP MLD. Does the word "channels" mean within the same band. If so please explicitly mention channels in the same band | As in comment | **Revised**Agree with in the commentator in principle. Updated the text to clarify that “different channels on different frequency bands or the same frequency band.”**TGbe Editor: please implement the changes shown in this document tagged as #22206.** |
| 22229 | Stephen McCann | 4.9.6 | 72.10 | In Figure 4-30a, the AP MLD indication in the top dashed box is incorrect. The AP MLD comprises both the Upper MAC sublayer and the lower MAC sublayer. This is correctly shown in Figure 4-30c. | Move the term AP MLD from the top left hand corner of Figure 4-30a lower down, so that it indicates both the Upper MAC sublayer and the Lower MAC sublayer. A corresponding change needs to be made to the Non-AP MLD indication in the lower part of the same Figure. | **Revised**Agreed with the commentator in principle. Added a one additional box encapsulating both the Upper MAC sublayer and the Lower MAC entity and moved the AP MLD indication within the newly added box. Same for the Non-AP MLD indication. The revised Visio file will be shared with the editor. |

**TGbe Editor: *Change the paragraph below of this subclause as follows (#CID 22206):***

**4.9.6 Reference model for multi-link operation (MLO)**

MLO defines a set of procedures allowing communication over one or more links between MLDs. An MLD manages such communication over one or more links. Communication over links using different channels on different frequency bands or the same frequency band (#22206) can occur simultaneously or not depending on the capabilities of both the AP MLD and the non-AP MLD (see 35.3.16.3 (Simultaneous transmit and receive (STR) operation) and 35.3.16.4 (Nonsimultaneous transmit and receive (NSTR) operation)).

**TGbe Editor: *Change the figure below of this subclause as follows (#CID 22229):***

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Do you agree to the resolution provided in doc 11-24/0364r2 for the following CIDs?

~~22016, 22017,~~ 22206~~, 22229~~