IEEE P802.11Wireless LANs

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| Proposed Resolutions to 11be LB271 CIDs on EMLSR Parameter Update |
| Date: 2023-04-25 |
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Abstract

This submission proposes the resolutions to 11be LB271CIDs 17524, 17525, 17526, and 17527, all on the topic of the EMLSR parameter update.

The page and line numbers refer to those in 11be\_D3.1 [1].

**Introduction**

This submission proposes the resolutions to 11be LB271CIDs 17524, 17525, 17526, and 17527, all on the topic of the EMLSR parameter update.

The page and line numbers refer to those in 11be\_D3.1 [1].

**Comments:**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Commenter | Page.Line | Clause | Comment | Proposed change | Resolution |
| 17524 | Brian Hart | 220.20 | 9.4.1.76 | Bad antecedent, for it & its. | Try "The EMLSR Parameter Update field is optionally included in the EML Operating Mode Notification frame, and the field's presence is indicated by the EMLSR Parameter Update Control subfield of the EML Control field. The EMLSR Parameter Update Control subfield is present ..." | Revised.Agree with the commenter in principle. However, the commenter is incorrect in stating that EMLSR Parameter Update Control subfield is present or not, because the EMLSR Parameter Update Control subfield is always present and its value indicates whether the EMLSR Parameter Update field is included in the frame or not. TGbe editor: please incorporate the proposed text changes tagged with #17524 in this document.  |
| 17525 | Brian Hart | 220.23 | 9.4.1.76 | Missing bracketing comma | Try " It is present if\*,\* at the time of the EML Operating Mode Notification frame transmission, the non-AP MLD ..." | Accepted. TGbe editor: please incorporate the text changes tagged with #17525 in this document. |
| 17526 | Brian Hart | 220.25 | 9.4.1.76 | Noun-verb number disagreement in "A or B or both from their respective last transmitted value" | Try "A or B or both from their respective last transmitted value(s)" | Accepted. TGbe editor: please incorporate the text changes tagged with #17526 in this document. |
| 17527 | Brian Hart | 220.38 | 9.4.1.76 | Delete "The bits B6 and B7 of the EMLSR Parameter Update field are reserved." - already shown in the figure which is definitional from P220L7 | Delete this line. | Accepted. TGbe editor: please incorporate the text changes tagged with #17527 in this document. |

1. **Discussion**

None.

1. **Proposed resolution:**

**9.4.1.74 EML Parameter Update field**

***11be Editor: Please change the text on P239 in 11be\_D3.1 [1] as shown below.***

The EMLSR Parameter Update field is defined in Figure 9-144m (EMLSR Parameter Update field format).

|  |  |  |  |
| --- | --- | --- | --- |
|  | B0 B2 | B3 B5 | B6 B7 |
|  | EMLSR Padding Delay  | EMLSR Transition Delay | Reserved |
| Bits | 3 | 3 | 2 |

**Figure 9-144m—EMLSR Parameter Update field format**

The EMLSR Parameter Update field is optionally included in the EML Operating Mode Notification frame, and the presence of this field is indicated by the EMLSR Parameter Update Control subfield of the EML Control field. The EMLSR Parameter Update field (#17524) is present if, (#17525) at the time of the EML Operating Mode Notification frame transmission, the non-AP MLD intends to update the EMLSR Padding Delay subfield or the EMLSR Transition Delay subfield of the non- AP MLD or both from their respective last transmitted value(s) (#17526) included either in the EML Capabilities sub- field in the Common Info field of the Basic Multi-Link element in the (Re)association Request frame that the non-AP MLD transmits, or in the last successfully transmitted EML Operating Mode Notification frame.

The EMLSR Padding Delay subfield is set as defined in Table 9-401e (Encoding of the EMLSR Padding Delay subfield).

The EMLSR Transition Delay subfield is set as defined in Table 9-401f (Encoding of the EMLSR Transition Delay subfield).

(#17527)

**References**

[1] IEEE P802.11be™/D3.1, Draft standard for information technology – Telecommunications and information exchange between systems local and metropolitan area networks – Specific requirements Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications, Amendment 9: Enhancements for extremely high throughput (EHT)

Amendment 4: Enhancements for positioning