IEEE P802.11
Wireless LANs

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| LB209 Comment Resolution for CID 7229 |
| Date: 2015-05-10 |
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Abstract

This document provides proposed text changes to the draft as a result for comment resolution for CID 7229. This comment addresses clauses 8. The baseline for this comment resolution document is 802.11ai Draft 4.0.

**Red Lined Text Changes for the Proposed Resolutions:**

**CID 7229**

**Instructions for Editor: please modify the text of 8.6.8.36 with the following changes:**

* FILS Discovery frame format

**Instruction to the editor: Replace Timestamp field in Figure 8-663a (FILS Discovery Information field format) with the following field:**

|  |
| --- |
| Timestamp/AP’s Next TBTT Offset |
| 8 or 1 |

**Instruction to the editor: Modify Figure 8-663b (FILS Discovery Frame Control subfield format) as follows** [14/0412r3]

[14/0412r3][CID 4887][14/0412r3]The format of the FILS Discovery Frame Control subfield is shown in  8-663b (FILS Discovery Frame Control subfield format).

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | B0 B4 | B5 | B6 | B7 |
| [15/0021r3] |  SSID Length[CID 6570]  | CapabilityPresenceIndicator | Short SSID Indicator | AP-CSNPresenceIndicator |
| Bits: | 5 |  | 1 | 1 | 1 |
|  |  |  |  |  |  |  |  |
| [CID 4585] | B8 | B9 | B10 | B11[13/1043r1] | B12 | B13  | B14 B15 |
| [CID 6596] | ANOPresenceIndicator | CCFS-1 Presence Indicator [13/1534r0] | Primary Channel Presence Indicator | RSN Info Presence Indicator | Length Presence Indicator[CID 6773]  | ANTO Indicator | Reserved |  |
| Bits: | 1 | 1 | 1 | 1 | 1 | 1 | 2 |
| * FILS Discovery Frame Control subfield format
 |

**Instruction to Editor: please insert the following paragraph at P77, Line 1 (Draft 4.0).**

A value of 1 for the ANTO Indicator subfield indicates that a 1-octet AP’s Next TBTT Offset (ANTO) value is contained in the Timestamp/AP’s Next TBTT Offset subfield of the FILS Discovery frame. A value of 0 indicates that an 8-octet Timestamp is contained in the Timestamp/AP’s Next TBTT Offset subfield of the FILS Discovery frame.

**Instruction to Editor: please insert the following paragraph at P77, Line 12 (Draft 4.0).**

The Timestamp/AP’s Next TBTT Offset subfield has a length of either 1 octet or 8 octet. When the value of the ANTO Indicator subfield is equal to 0, the Timestamp/AP’s Next TBTT Offset subfield contains the 8-octet Timestamp (see 8.4.1.10 (Timestamp Field)). Otherwise, the Timestamp/AP’s Next TBTT Offset subfield contains the 1-octet AP’s Next TBTT Offset value. The AP's Next TBTT Offset (ANTO) value indicates the time offset in number of TUs, rounded down to the closest TU, between the transmission of the FILS Discovery frame and the next TBTT of the AP transmitting the FILS Discovery frame. [14/0412r3]

**References:**

1. **IEEE 802.11-15/0281r15, TGai LB209 comments on D4.0, Marc Emmelmann, March 2015**
2. **IEEE P802.11ai™/D4.1, March 2015**