IEEE P802.11
Wireless LANs

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| LB 200 Comment Resolution for Clause 9.42 |
| Date: 2014-02-25 |
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Abstract

This document provides resolutions for CID 1245, 1246, 1733 and 2759.

The changes are in the following subclause: 9.42.

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# 0 Revision Notes

R0: First draft

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1245 | 9.42.4 | 188 | 23 | "from AP upon" - missing article | "from the AP upon" | Revised.The clause 9.42.4 has been merged with the text of clause 9.42.3. Please see the comment resolution document 11-14/0054r1. |
| 1246 | 9.42.4 | 188 | 28 | ".. by sending a polling message (PSPoll). In this polling message, it indicates whether the STA solicits the information of BSS change sequence and/or current timestamp by setting Poll Type subfield to 1, or whether the STA solicits the information of Next TWT or Duration to a TBTT by setting Poll Type subfield to 2. "The PS-Poll frame does not have this field. So where exactly is it? | If this field is a \*VECTOR parameter, say so. If this is not the regular PS-Poll frame, say so. Add field name so that we can locate this subfield. | Revised.Frame Control field of PS-Poll has been changed. Please see the Poll Type subfield definition in the 11ah D1.0.The clause 9.42.4 has been merged with the text of clause 9.42.3. Please see the comment resolution document 11-14/0054r1. |

**CID 1245, 1246**

***Proposed changes:***

**None.**

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| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 1733 | 9.42.3 | 187 | 54 | A non-TIM S1G STA can send" appears to be a permission, not a statement of physical possibility. | Replace "can" with "may". | Revised11-13/54r1 has provided some changes. Tgah editor to make changes shown in 11-14-0264r0 under the heading for CID 1733. |

***Discussion:***

To clarify the temporary PS mode switching operation of a non-TIM STA, we include MIB variable dot11NonTIMModeSwitch for the temporary PS mode switching between non-TIM and TIM modes (see 11-14/73).

**CID 1733**

***Proposed changes:***

**Instruction to Editor: *Please make the following changes for L24P220 in clause 9.42.2 (TGah Draft 1.2):***

An S1G AP may set the wakeup timer (Duration field) as the duration to a TBTT in the responding control frame (either NDP ACK or NDP Modified ACK frame) and treat the non-TIM STA as a TIM STA starting from the TBTT if the bit corresponding to the non-TIM STA in the traffic indication virtual bitmap is set to 1 and the STA indicates Temporary PS Mode Switch equal to 1 in the most recent transmitted frame that contains S1G capability element. After the amount of time that is equal to the Duration field value in the responding control frame from the S1G AP, the non-TIM S1G STA shall(#63) wake up to receive the beacon. Upon receiving the beacon, the non-TIM STA infers from the TIM element indicating that there is BU for it that it is treated as a TIM STA and operates as a TIM STA from then on, setting dot11NonTIMModeActivated to false and switching to TIM mode (see 10.2.2.2). The S1G STA returns to the non-TIM STA operation mode by setting dot11NonTIMModeActivated to true if the S1G AP indicates that there is no more data buffered for the S1G STA and the S1G STA indicates to the S1G AP that there is no more data to transmit. The S1G AP treats the S1G STA as a non-TIM STA if the STA indicates that there is no more data to transmit and the S1G AP indicates that there is no more data buffered for the STA. (#968)

**Instruction to Editor: *Please add one capability bit into Figure 8-401df S1G Capabilities Info field: Temporary PS Mode Switch.***

**Instruction to Editor: *Please add the following into Table 8-191d*—Subfields of the S1G Capabilities Info field*.***

|  |  |  |
| --- | --- | --- |
| Temporary PS Mode Switch  | This bit indicates whether the non-TIM STA supports the temporary PS Mode switch as described in 9.42.2.  | Set to 1 if dot11TemporaryPSModeSwitch is true.Set to 0 otherwise. |

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| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 2759 | 9.43.5 | 188 | 59 | Change "responds" to "respond" | as commented | RevisedNo change is required as the comment resolution document 11-14/34r0 has proposed the change. |

**CID 2759**

***Proposed changes:***

**None.**