IEEE P802.11
Wireless LANs

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| Comment Collection 09 MAC CIDs (Comment Resolutions for CC09) |
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Abstract

This document provides resolutions for CID 257,258,988.

The changes are in the following subclauses: 9.32g.4.

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# 0 Revision Notes

R0: First draft

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page** | **Line** | **Comment** | **Proposed Change** | **Resolution** |
| 258 | 9.32g.4 | 144 | 5 | The last two sentences of the paragraph are confusing about the STA's operation when Duration field of NDP ACK expires or Next TWT of TACK is due. | Remove the latest sentence.And change "which the AP uses to direct the STA to check the beacon" into "which the AP uses to indicate the location of the beacon" | Modified. Change to “The STA shall listen to the beacon when either the timer with the value as indicated by Duration field of NDP ACK expires or Next TWT of TACK is due.” |
| 257 | 9.32g.4 | 144 | 30 | change "poll Type bits" to "Poll Type subfield",and change "01" to "1", change "10" to "3". Table 8-3b is also need to be changed. | change as comments | Modified. Change “Poll Type bits” to “Poll Type field”. The text of “Poll Type value” in Table 8-3b has already followed the same description as that in other tables (e.g. Table 8-3a).  |
| 988 | 9.32g.4 | 144 | 5 | grammar error and typo | Change to "In response to the received polling message sent by an active polling STA, an AP may send a TACK in which the Next TWT Present field is set to 0 and the S1G Control Frame Extension field is set to the value corresponding to TACK in FC field with the solicited information to the STA immediately. An AP may also send to the STA either a NDP ACK that includes a wakeup timer or TACK in which the Next TWT field is set to the value of a TBTT, which the AP uses to direct the STA to check the beacon. STA shall listen to the beacon when the timer with the value as indicated by Duration field of NDP ACK expires or Next TWT of TACK is due." | Modified. Change to “In response to the received polling message sent by an active polling STA, an AP may send a TACK in which the ~~that its~~ Next TWT Present field is set to 0 and S1G Control Frame Extension field is set to the value corresponding to TACK in FC field, with the solicited information to the STA immediately. An AP may also send the STA either a NDP ACK that includes a Duration field which is a wakeup timer and set to the duration to a TBTT or TACK in which Next TWT field is set to the value of a TBTT, which ~~the AP uses to direct the STA to check the beacon~~ the STA uses to derive the transmission time of a beacon. The STA shall listen to the beacon when either the timer with the value as indicated by Duration field of NDP ACK expires or Next TWT of TACK is due.” |

***Proposed changes:***

**9.32g.4 Active polling procedure for non-TIM STAs**

This clause defines the active polling procedure for a STA that can solicit information from AP upon waking up.

**[CID 257]**

Upon waking up and without listening for a beacon, an active polling STA may solicit BSS change sequence and/or current timestamp information or other information from an AP by sending a polling message (PS-Poll). In this polling message, it indicates whether the STA solicits the information of BSS change sequence and/or current timestamp by setting Poll Type ~~bits~~ field to ~~01~~1, or whether the STA solicits the information of Next TWT or Duration to a TBTT by setting Poll Type ~~bits~~ field to ~~10~~2.

**[CID 258,988]**

In response to the received polling message sent by an active polling STA, an AP may send a TACK in which the ~~that its~~ Next TWT Present field is set to 0 and S1G Control Frame Extension field is set to the value corresponding to TACK in FC field, with the solicited information to the STA immediately. An AP may also send the STA either a NDP ACK that includes a Duration field which is a wakeup timer and set to the duration to a TBTT or TACK in which Next TWT field is set to the value of a TBTT, which ~~the AP uses to direct the STA to check the beacon~~ the STA uses to derive the transmission time of a beacon. The STA shall listen to the beacon when either the timer with the value as indicated by Duration field of NDP ACK expires or the time equal to Next TWT of TACK is due.