IEEE P802.11  
Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Comment Collection 09 MAC CIDs (Comment Resolutions for CC09) | | | | |
| Date: 2013-08-16 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Chittabrata Ghosh | Nokia |  |  | chittabrata.ghosh@nokia.com |

Abstract

This document provides resolutions for CIDs 352, 356, and 357 from TGah Draft 0.1 Command Collection 9

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Decision** |
| 352 | 44 | 8.3.4a | wrong words | Change "in S1G BSS" to "for S1G STAs" | Accepted |
| 356 | 45 | 8.3.4a.1.1 | confusing language | Starts out saying "as defined" but it is not the same as the other definition - start fresh - same problems with second table in this subclause 8-33e | Revised |
| 357 | 45 | 8.3.4a.1.1 | too much information | Remove the first sentence of the definition - feel free to put the sentence somewhere in clause 9. - same problems with second table in this subclause 8-33e | Revised |

**Discussion**:

CID 352 suggests changing “in S1G BSS” to “for S1G STAs.”

**Proposed resolution**: I have accepted the comment

**Instruction to the Editor**

***Please modify the paragraph in P44/L48 as follows:***

Several NDP MAC frame formats are defined to decrease MAC protocol overhead for S1G STAs~~in S1G BSS~~. An NDP MAC frame is indicated by setting the value of the NDP Indication subfield to 1 in the SIG field. Subclause 8.3.4a describes the NDP MAC frame body content in each of NDP MAC frame types defined in Table 8-33c (NDP MAC frame type field values).

**Discussion**:

CID 356 suggests rephrasing the description for the Duration field in Tables 8-33d and 8-33e.

**Proposed resolution**: I have revised the comment

**Instruction to the Editor**

***Please modify Table 8-33d as follows:***

|  |  |  |
| --- | --- | --- |
| Field | Size (bits) | Description |
| Duration | 10 | ~~As defined for t~~The Duration field ~~in 8.3.1.3 CTS frame format and~~ is expressed in units of OFDM symbol time (40μs) and follows the definitions in 8.3.1.3 CTS frame format.   In the case that NDP CTS is used as a synch frame, the value in this field indicates the duration of time for NAV protection.  In the case that NDP CTS is used in the sector training, the relative value of the Duration field in the  NDP CTS to the value of the Duration field in the frame which carries the  NDP Announcement in the HT Control field for initiating the sector training  is used to deduct the Sector ID the current NDP CTS is transmitted to. |

***Please modify Table 8-33e as follows:***

|  |  |  |
| --- | --- | --- |
| Field | Size (bits) | Description |
| Duration | 15 | ~~As defined for t~~The Duration field ~~in 8.3.1.3 CTS frame format and~~ is  expressed in units of µs and follows the definitions in 8.3.1.3 CTS frame format. In the case that NDP CTS is used as a synch frame, the value in this field indicates the duration of time for NAV protection.  In the case that NDP CTS is used in the sector training,  the relative value of the Duration field in the NDP CTS to the value of the  Duration field in the frame which carries the NDP Announcement in the  HT Control field for initiating the sector training is used to deduct the Sector  ID the current NDP CTS is transmitted to. |

**Discussion**:

CID 357 suggests removing the first sentence in the first paragraph of the description of NDP CTS.

**Proposed resolution**: I have revised the comment

**Instruction to the Editor**

***Please modify the paragraph in P45/L22 as follows:***

~~The~~ NDP MAC frame body of the NDP CTS frame contains ~~NDP MAC Frame Type, Address Indicator, RA Address or Partial BSSID, Duration, Early Sector Indicator, Reserved subfields. The SIG field frame format is illustrated~~ the information listed in Table 8-33d (NDP MAC frame body of NDP CTS (1 MHz)) and Table 8-33e (NDP MAC frame body of NDP CTS ( ≥ 2MHz)).