IEEE P802.11  
Wireless LANs

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| |  |  |  |  |  | | --- | --- | --- | --- | --- | | LB 271 CR for CIDs on NDPA frame format – Part 1 | | | | | | Date: 2023-03-12 | | | | | | Author(s): | | | | | | Name | Affiliation | Address | Phone | email | | Mahmoud Kamel | InterDigital |  |  | mahmoud.kamel@interdigital.com | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |  |  |  |  |  | |

Abstract

This submission proposes resolutions for 13 CIDs 17248 17249 16125 17901 17254 17255 17259 15753 15754 15755 15756 17422 17423 in subclause 9.3.1.19 in P802.11be D3.0:

NOTE – Set the Track Changes Viewing Option in the MS Word to “All Markup” to clearly see the proposed text edits.

**Revision History:**

R0: Initial version

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **Clause** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 17248 | 9.3.1.19.1 | 160.11 | frames should be frame | change the text to "... while in the case of Ranging NDP Announcement frame ..." | Accept |
| 17249 | 9.3.1.19.1 | 161.05 | The text is not clear. | remove "(n)" | Revise  Agree in principle, the parentheses are removed, the parameter is italicized and contained in commas.  TGbe editor: please incorporate changes shown in 11-23/0407r1 below. |
| 16125 | 9.3.1.19.3 | 161.41 | Add a space between HE and NDP. | As in comment | Accept |
| 17901 | 9.3.1.19.3 | 163.33 | Periods are duplicated at the end of this sentence. | Please remove one of these period. | Accept |
| 17254 | 9.3.1.19.3 | 163.61 | AID11 is not a field | Change to "... AID11 subfield ..." | Revise  Agree with the comment and additionally addressed another inconsistency in the usage of field/subfield for STA Info  TGbe editor: please incorporate changes shown in 11-23/0407r1 below. |
| 17255 | 9.3.1.19.3 | 164.06 | AID11 is not a field | Change to "... AID11 subfield ..." | Accept |
| 17259 | 9.3.1.19.4 | 165.16 | This should be specified for EHT | Change to " ... An EHT NDP Announcement frame contains at most one STA Info field per STA." | Accept |
| 15753 | 9.3.1.19.4 | 165.53 | Change "sequence authentication code" to "sequence authentication code subfield" in the table 9-45a | As in comment | Revise  Agree in principle Also, the subfield name is capitalized.  TGbe editor: please incorporate changes shown in 11-23/0407r1 below. |
| 15754 | 9.3.1.19.4 | 165.56 | Change "partial TSF" to "partial TSF subfield" in the table 9-45a | As in comment | Revise  Agree in principle Also, the subfield name is capitalized.  TGbe editor: please incorporate changes shown in 11-23/0407r1 below. |
| 15755 | 9.3.1.19.4 | 165.59 | Delete "ranging" in the following text " STA Info field contains ranging the I2R NDP Tx Power and R2I NDP Target RSSI subfields" in the table 9-45a | As in comment | Accept |
| 15756 | 9.3.1.19.4 | 166.10 | Change "disallowed subchannel bitmap" to "disallowed subchannel bitmap subfield" in the table 9-45a | As in comment | Revise  Agree in principle Also, the subfield name is capitalized.  TGbe editor: please incorporate changes shown in 11-23/0407r1 below. |
| 17422 | 9.3.1.19.4 | 168.35 | Missing space in ".T" | Insert space | Accept |
| 17423 | 9.3.1.19.4 | 168.42 | Mising article | "as \*an\* VHT NDP Announcement frame" | Revise  Agree in principle, “a” is used as an article.  TGbe editor: please incorporate changes shown in 11-23/0407r1 below. |

***TGbe editor: please make the following change in subclause 9.3.1.19.1, P160L11***

35.7 (EHT sounding operation)), while in the case of Ranging NDP Announcement frame (#17248), the RA address

***TGbe editor: please make the following change in subclause 9.3.1.19.1, P161L5***

The STA Info List field contains one or more, *n*, (#17249) STA Info fields.

***TGbe editor: please make the following change in subclause 9.3.1.19.3, P161L41***

The format of the HE NDP Announcement frame is shown in Figure 9-80 (HE (#16125)NDP Announcement frame format).

***TGbe editor: please make the following change in subclause 9.3.1.19.3, P163L33***

The Feedback Type And Ng and Codebook Size subfields for HE non-TB sounding are defined in Table 9-45 (Feedback Type And Ng subfield and Codebook Size subfield encoding for HE non-TB sounding).(#17901)

***TGbe editor: please make the following change in subclause 9.3.1.19.3, P163L61.***

In a broadcastan HE NDP Announcement frame that has more than one STA Info field with a value other than 2047 in the AID11 (#17254) subfield, the RA is a broadcast address and the following applies to each STA Info (#17254) ­field with a value other than 2047:

***TGbe editor: please make the following change in subclause 9.3.1.19.3, P164L06.***

In an individually addressed HE NDP Announcement frame with a single STA Info field, the RA is an indi­vidual address, the AID11 (#17255) subfield in the STA Info field has a value other than 2047, andthe STA Info field having a value in the AID11 field other than 2047, the Nc subfield is reserved.

***TGbe editor: please make the following change in subclause 9.3.1.19.4, P165L16.***

An (#17259) EHT NDP Announcement frame contains at most one STA Info field per STA.

***TGbe editor: please make the following change in subclause 9.3.1.19.4, P165L53.***

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| 2043 | STA Info field contains a Sequence Authentication Code subfield(#15753) | Not applicable | Not applicable | Not applicable | Applicable |
| 2044 | STA Info field contains a Partial TSF subfield (#15754) | Not applicable | Not applicable | Not applicable | Applicable |
| 2045 | STA Info field contains (#15755)the I2R NDP Tx Power and R2I NDP Tar­get RSSI subfields if the NDP Announcement frame is a Ranging variant. | Not applicable | Not applicable | Not applicable | Applicable |
| 2047 | STA Info field contains a Disallowed Subchannel Bit­map subfield(#15756) | Not applicable | Applicable | Not applicable | Not applicable |

***TGbe editor: please make the following change in subclause 9.3.1.19.4, P168L35.***

(Feedback Type And Ng subfield and Codebook Size subfield encoding for HE and EHT TB sounding). (#17422)The

***TGbe editor: please make the following change in subclause 9.3.1.19.4, P168L42.***

the EHT NDP Announcement frame. The Disambiguation subfield coincides with the MSB of the AID12 subfield of a VHT NDP Announcement frame if the EHT NDP Announcement field is parsed as (#17423) a VHT NDP Announcement frame by