### IEEE P802.11 Wireless LANs

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Comment Resolution for 9.3.1.22.11 and 9.3.1.22.12 | | | | |
| Date: 2025-04-08 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Alice Chen | Qualcomm Inc. |  |  | alicel@qti.qualcomm.com |
| Alfred Asterjadhi | Qualcomm Inc. |  |  | aasterja@qti.qualcomm.com |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |
|  |  |  |  |  |

Abstract

This document contains comment resolutions for the following 14 CIDs related to subclause 9.3.1.22.11 and 9.3.1.22.12.

* 23, 24, 25, 471, 1270, 1271, 1465, 2579, 2668, 2935,
* 2936, 2937, 3726, 3756.

Revisions:

* Rev 0: Initial version of the document.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the subsequent TGbn Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGbn Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGbn Editor: Editing instructions preceded by “TGbn Editor” are instructions to the TGbn editor to modify existing material in the TGbn draft. As a result of adopting the changes, the TGbn editor will execute the instructions rather than copy them to the TGbn Draft.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **Clause** | **Page** | **Comment** | **Proposed Change** | **Resolution** |
| 23 | Jialing Li (Alice Chen) | 9.3.1.22.12 | 54.64 | Move the instruction "Change ..." to P55L16. | Refer to the comment. | Accepted |
| 24 | Jialing Li (Alice Chen) | 9.3.1.22.12 | 55.01 | Change "please add the following text at the end of subclause 9.3.1.22.13:" to "Add the following text at the end of subclause 9.3.1.22.12:". | Refer to the comment. | Accepted |
| 25 | Jialing Li (Alice Chen) | 9.3.1.22.12 | 55.13 | Remove the editor's note in a later draft, e.g., D0.2, as the conflict has been resolved in D0.1. | Refer to the comment. | Accepted |
| 471 | Peshal Nayak | 9.3.1.22.12 | 55.04 | "an UHR variant" should be "a UHR variant" | Corret the article here an in other relevant locations | Revised –  Agree to the comment but this has been fixed in D0.2.  TGbn editor to make no change. |
| 1270 | Hong Won Lee | 9.3.1.22.12 | 54.61 | UHR variant User Info field(or UHR Special User Info field with AID12) format in the BSRP Trigger frame should be described | The UHR Special(or variant) User Info field consists of the definition of the AID12 value (2008), the type (4-bit), and the subfield based on Motion 261. This should be described in the subsection for the BSRP trigger frame or in a new subsection similar to the EHT Special User Info | Revised –  Agree to the comment in principle.  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 1270. |
| 1271 | Hong Won Lee | 9.3.1.22.12 | 55.04 | TBD should be resolved | As in the comment | Revised –  Agree with the comment. Proposed resolution resolves the TBD.  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 1271. |
| 1465 | Akira Kishida | 9.3.1.22.12 BSRP Trigger frame format | 52.04 | "an UHR" -> "a UHR" | "a UHR" should be correct. (Or please clarify which expression is correct, "a UHR" and "an UHR") | Revised –  The correct location should be P55L04 in D0.1. Agree to the comment but this has been fixed in D0.2.  TGbn editor to make no change. |
| 2579 | Minyoung Park | 9.3.1.22.12 | 54.61 | As 802.11 is operating more on per TID based, it would be good to have a preferred TID in the BSRP Trigger frame.  Please include a preferred TID in the BSRP Trigger frame. | As in the comment | Rejected –  Currently the BSRP Trigger frame polls the STA to report all the BSRs it has currently pending (i.e., for all TIDs for which it has pending Bus). This helps the AP have a better picture how to allocate the resources for this STA. It is unclear what the benefit would be of adding a preferred TID to the BSRP Trigger frame except for the added ambiguity as to whether the AP will account for all reported BSRs sent by the STA or not.. |
| 2668 | Xiaofei Wang | 9.3.1.22.12 | 55.04 | the addition of the text to subclause 9.3.1.22.13 should be added after the title of 9.3.1.22.12. | as in comment; in addition move the editorial instruction about change subclause number to 9.3.1.22.13 after the addition of text. | Revised –  Agree to the comment.  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 2668. |
| 2935 | Mark RISON | 9.3.1.22.12 | 55.03 | " individually addressed to a single STA" -- if it's individually addressed it's necessarily to a single STA | Delete "to a single STA" | Accepted |
| 2936 | Mark RISON | 9.3.1.22.12 | 55.05 | "The Number Of HE/UHR-LTF field" missing "Symbols" | As it says in the comment | Revised –  Agree to the comment and add the missing “Symbols”. Also added the rest of the fields of this Common Info field that are reserved.  TGbn editor to add “Symbols” after “The Number Of HE/UHR-LTF” and before “field”.  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 2936. |
| 2937 | Mark RISON | 9.3.1.22.12 | 55.09 | "the User Info field with the AID12 field set to the STA's AID and all the other fields of this User Info field are reserved." is unclear (and bad case) | Change to "The AID12 field of the User Info field is set to the STA's AID and all the other fields of the User Info field are reserved." | Revised –  Agree to the comment in principle and revise the sentence in a different way for clarity.  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 2937. |
| 3726 | Li-Hsiang Sun | 9.3.1.22.12 | 55.09 | How the AID is set for UL BSRP? | BSRP to AP AID is set to 0, or the user info is not included | Revised –  Agree to the comment in principle and proposed resolution is to add reference to 9.3.1.22(General) which contains the rule settings for the AID12 field).  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 3726. |
| 3756 | Jialing Li (Alice Chen) | 9.3.1.22.12 | 55.04 | Change "When an UHR variant [TBD] BSRP Trigger frame is individually addressed to a single STA" to "When an UHR variant [TBD] BSRP Trigger frame is individually addressed to a single STA and the GI And HE/UHR-LTF Type field is set to 3" for completeness of the condition. | Refer to the comment. | Revised –  Agree in principle. Change is inline with the proposed change and additionally fixed the TBD of that sentence.  TGbn editor to make the changes shown in 11-25/0637r0 under all headings that include CID 3756. |

***Change the subclause number of MU-BAR Trigger frame format from 9.3.1.22.8 to 9.3.1.22.10 as follows:***

* MU-BAR Trigger frame format

***Change the subclause number of MU-RTS Trigger frame format from 9.3.1.22.9 to 9.3.1.22.11 as follows:***

* MU-RTS Trigger frame format

***Change the subclause number of BSRP Trigger frame format from 9.3.1.22.10 to 9.3.1.22.12 as follows:***

***TGbn editor: Please change the subclause below as follows [23, 2668]:***

* **BSRP Trigger frame format**

*[#23, 2668]*

***TGbn editor: Please change the paragraphs below as follows [24, 3756, 2935, 1271, 2936, 1270, 2937, 3726, 25]:***

***Add the following text at the end of subclause 9.3.1.22.12****[#24]****:***

A UHR variant or HE variant BSRP Trigger frame that is individually addressed and that has the GI And HE/UHR-LTF Type field equal to 3 is defined as a BSRP non-trigger based (NTB) Trigger frame. In a BSRP NTB Trigger frame*[#3756, 2935, 1271]*:

* The Number Of HE/UHR-LTF Symbols field, the LDPC Extra Symbol Segment field, the AP Tx Power field, the Pre-FEC Padding Factor field, the PE Disambiguity field, the UL Spatial Reuse field the HE/UHR P160 field, and DRU/RRU Indication field of the Common Info field are reserved. *[#2936]*
* The Special User Info Flag field of the UHR variant Common Info field is always set to 0, indicating that a Special User Info field is present in the Trigger frame that contains the UHR variant Common Info field.
* If the Special User Info field is present, the PHY Version Identifier field of the Special User Info field is equal to 1, and the UL Bandwidth Extension field and NPCA Primary Indication field are set as defined in 9.3.1.22.3 (Special User Info field)
* If the Special User Info field is present, the UHR Spatial Reuse 1 field, the UHR Spatial Reuse 2 field and the U-SIG Disregard And Validate field of the Special User Info field are reserved.*[#1270]*
* In the User Info field with the AID12 field set to the STA's AID (see 9.3.1.22.1 (General))*[#3726]*, *[#2937]*all the other fields of this User Info field are reserved.

NOTE – The HE variant BSRP Trigger frame does not contain a Special User Info field while the UHR variant BSRP Trigger frame always contains a Special User Info field.*[#3756, 2935, 1271]*

*[#25]****TGbn editor: Please add an instruction below as follows [23, 2668]***

***Change the subclause number of GCR MU-BAR Trigger frame format from 9.3.1.22.11 to 9.3.1.22.13 as follows:****[#23, 2668]*

* **GCR MU-BAR Trigger frame format**

***Change the subclause number of BQRP Trigger frame format from 9.3.1.22.12 to 9.3.1.22.14 as follows:***

* **BQRP Trigger frame format**

***Change the subclause number of NFRP Trigger frame format from 9.3.1.22.13 to 9.3.1.22.15 as follows:***

* **NFRP Trigger frame format**

***Change the subclause number of Ranging Trigger frame format from 9.3.1.22.14 to 9.3.1.22.16 as follows:***

* **Ranging Trigger frame format**