### **IEEE P802.11Wireless LANs**

|  |
| --- |
| CC36 CR for Trigger frame on Special User Info field |
| Date: 2021-10-07 |
| Author(s): |
| Name | Affiliation | Address | Phone | Email |
| Yanjun Sun | Qualcomm |  |  |  |
| Steve Shellhammer |  |  |  |  |
| Alfred Asterjadhi |  |  |  |  |
| Alice Chen |  |  |  |  |
| George Cherian |  |  |  |  |
| Abhishek Patil |  |  |  |  |
| Youhan Kim |  |  |  |  |
| Bin Tian |  |  |  |  |
| Duncan Ho |  |  |  |  |
| Gaurang Naik |  |  |  |  |
| Sameer Vermani |  |  |  |  |
| Jinyoung Chun | Lge |  |  |  |
| Mengshi Hu | Huawei |  |  |  |
| Arik Klein | Huawei |  |  |  |

**Abstract**

This submission proposes resolutions for following 38 comments received for TGbe CC36: 6823,6698,7036,7693,4884,7037,7799,8161,4507,7694,7482,5024,7898,6697,7691,7692,4883,5511,7035,8075,7902,4328,7695,8076,8077,4329,5512,5119,4885,4508,7038,7696,5120,7739,5545,4887,4606,4607

**Revisions:**

* Rev 0: Initial version of the document.

***TGbe editor: Please note Baseline is REVmd D5.0, 11ax D8.0, and 11be D1.2***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| CID | Commenter | Clause | Page | Comment | Proposed Change | Resolution |
| 6823 | ron porat | 9.3.1.22.1.3 | 101.37 | If the Special User Info field is included in the Trigger frame, then the Special User Info Field Present subfield of the EHT variant of the Common Info Field is set to 0, otherwise it is set to 1. | Three times the same information in lines: 37-39 and 51-54 and 56-60. Please harmonize. | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 |
| 6698 | Rojan Chitrakar | 9.3.1.22.1.3 | 101.52 | ", and the Special User Info Field Present subfield of the Common Info Field is set to 0." can be deleted since the next paragraph describes how this field is set. | Delete "and the Special User Info Field Present subfield of the Common Info Field is set to 0." | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 7036 | Sigurd Schelstraete | 9.3.1.22.1.3 | 101.53 | Lines 37-39 and lines 53-54 are partial repetition. | Remove "and the Special User Info Field Present subfield of the Common Info Field is set to 0" on line 53 | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 7693 | Xiaofei Wang | 9.3.1.22.1.3 | 101.54 | the sentence "and the Special User Info Field Present subfield of the Common Info Field is set to 0" seems to be out of place and should be deleted | as in comment | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 4884 | Dong Guk Lim | 9.3.1.22.1.3 | 101.56 | The texts in this paragraph are overlapped with the first paragraph in this clause.combine the two paragraphs as one paragraph. | As in comment | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 7037 | Sigurd Schelstraete | 9.3.1.22.1.3 | 101.56 | Lines 37-39 and lines 56-60 state the same thing. | Merge these lines at the beginning of the section. | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 7799 | Yanyi Ding | 9.3.1.22.1.3 | 101.56 | This paragraph states the way indicating the presence of Special User Info field and the position of Special User Info field, which is stated in previous several paragraphs already. | Delete this paragraph. | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 8161 | Yunbo Li | 9.3.1.22.1.3 | 101.56 | the paragraph start at line 56 is redundant with the paragraphs start at line 37 and line 51 | as in comment | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 4507 | Bin Tian | 9.3.1.22.1.3 | 101.57 | There is some duplication in the text. In the previous paragraph, the same bit is called as "Speical User Information Field Present" while in this paragrah it is called B55. Clean up the text to be consistent. | as in the comment. | RevisedAgree with the commenter in principleDeleted the redundant text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6823 as above |
| 7694 | Xiaofei Wang | 9.3.1.22.1.3 | 101.56 | In the common info, B55 already is defined as a subfield. The subfield should be used instead of B55 | as in comment | RevisedAgree with the commenter in principleD1.2 has renamed B55 to the Special User Info Field Flag subfield. Tgbe editor: no further action is needed, as the corresponding text has been deleted based on resolution for #6823 |
| 7482 | Tomoko Adachi | 9.3.1.22.1.3 | 101.37 | The field name is Special User Info Field Present but it is set to 0 when the Special User Info field is present. The field name doesn't match with the setting. Usually, if a field name is saying something present, then it's set to 1 when that is present. | Change the name of the Special User Info Field Present to Special User Info Field Unpresent to match with the setting. Apply the change throughout the draft. | RevisedAgree with the commenter in principle.The subfield has been renamed to Special User Info Field Flag subfield in D1.2Tgbe editor: no further action is needed  |
| 5024 | Evgeny Khorov | 9.3.1.22.1.3 | 101.57 | Typically 1 means the presence of something but zero is the absence. Hear, B55 is set to 1 to indicate no Special User Info field, i.e., it contradicts common practice | Change 1 to 0 and 0 to 1 | RevisedAgree with the commenter in principleThe subfield has been renamed to Special User Info Field Flag subfield in D1.2Tgbe editor: no further action is needed  |
| 7898 | Yoshio Urabe | 9.3.1.22.1.2 | 101.37 | "If the Special User Info field is included in the Trigger frame, then the Special User Info Field Present subfield of the EHT variant of the Common Info Field is set to 0, otherwise it is set to 1." should be in 9.3.1.22.1.1 because it is the definition of the Special User Info Field Present subfield in the Common Info field. | Change the sentense to "The Special User Info Field Present subfield of the EHT variant of the Common Info field is set to 0 if the Special User Info field is included in the Trigger frame, otherwise it is set to 1." and move to 9.3.1.22.1.1 (after P89L56). | RevisedD1.2 has renamed the subfield to Special User Info Field Flag subfield and included the following text: “The Special User Info Field Flag subfield is always set to 0 in an EHT variant Common Info field”.As the text in D1.2 does not describe the behavior when the Special User Info Field Flag subfield is equal to 1, the current text looks to offer better clarify. So the proposal is to keep it as is.Tgbe editor: no further action is needed  |
| 6697 | Rojan Chitrakar | 9.3.1.22.1.3 | 101.41 | This sentence should be the first sentence of this subclause since it defines what a "Special User Info field" is. The sentence can be rephrased for better readability. | Move the sentence to be the first sentence of this subclause, also rephrase as: "A Special User Info field is a User Info field with the AID12 subfield equal to a value 2007 and is optionally present in a Trigger frame..." | RevisedAgree with the commenter in principleThe text in D1.2 has the following flow: what the Special User Info field does, how its presence is indicated in the Common Info field, and its special AID of 2007. The latest text in D1.2 looks clear, so the proposal is to keep it as is. Tgbe editor: no further action is needed  |
| 7691 | Xiaofei Wang | 9.3.1.22.1.3 | 101.48 | the clause "since the lengths of the User Info fields in the MU-BAR are not necessarily the same." is not necessary. Please consider to remove | as in comment | RevisedAgree with the commenter in principleDeleted the corresponding text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #7691 |
| 7692 | Xiaofei Wang | 9.3.1.22.1.3 | 101.52 | It is unclear which are the underived subfields of the U-SIG. I have searched the spec, and it is not defined anywhere. Please add clear definition or clarify the text. | as in comment | RevisedAgree with the commenter in principleReplaced “underived subfields of the U-SIG field” with “information for the U-SIG”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #7692 |
| 4883 | Dong Guk Lim | 9.3.1.22.1.3 | 101.53 | what is a nonderived subfield? Clarify it. | add the description for nonderived subfeilds. | RevisedAgree with the commenter in principleReplaced “underived subfields of the U-SIG field” with “information for the U-SIG”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #7692 as above |
| 5511 | Jinsoo Choi | 9.3.1.22.1.2.2 | 101.53 | It seems to use 'nonderived' subfield as the meaning of copy and paste without any derivation or interpretation from the trigger frame but it might not be too necessary. Suggest just to text such as the subfields used for the U-SIG of a solicited EHT PPDU. | Modify the sentene as "The Special User Info field, if present, is located immediately after the Common Info field of the Trigger frame and carries the subfields used for the U-SIG field of a solicited EHT TB PPDU,.." | RevisedAgree with the commenter in principleReplaced “underived subfields of the U-SIG field” with “information for the U-SIG”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #7692 as above |
| 7035 | Sigurd Schelstraete | 9.3.1.22.1.3 | 101.53 | What are "nonderived subfields"? | Clarify | RevisedAgree with the commenter in principleReplaced “underived subfields of the U-SIG field” with “information for the U-SIG”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #7692 as above |
| 8075 | yujin noh | 9.3.1.22.1.3 | 101.53 | the meaning of nonderived subfields is not clear. This is the only one sentence to mention "nonderived subfields". Improve the text with which subfields are nonderived. | as in comment | RevisedAgree with the commenter in principleReplaced “underived subfields of the U-SIG field” with “information for the U-SIG”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #7692 as above |
| 7902 | Yoshio Urabe | 9.3.1.22.1.2.3 | 101.52 | This sentense includes many things (position, contents and signaling in the Common Info field). It should be simplified to explain only about the position. "... carries ..." should be explained at the top of this subclause and "... Special User Info Field Present ..." should be in the subclause 9.3.1.22.1.1 (Common Info field). | Simplify the sentense as "The Special User Info field, if present, is located immediately after the Common Info field of the Trigger frame." | RevisedAgree with the commenter in principleThe corresponding text has been simplified.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #6283 and #7692 as above |
| 4328 | Arik Klein | 9.3.1.22.1.3 | 101.62 | The sentence seems irrelevant for the Special User Info field, since the AID12=2007 does not refer to any specific STA. | Option 1: Please specify if the sentence relates to TF that is sent with Special User Info field. If yes - which STA responds with EHT TB PPDU to this Special User Info?Option 2 - The sentence seems more relevant to the EHT Variant User Info field section in 9.3.1.22.1.1 -consider moving it to this section. | RevisedAgree with the commenter in principleDeleted the corresponding text as clause 35.4.2.3.1 already has the following:“If a non-AP EHT STA receives an EHT variant User Info field in a Trigger frame that is not MU-RTS Trigger frame in which the AID12 subfield matches its AID, then it responds with an EHT TB PPDU.”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4328 |
| 7695 | Xiaofei Wang | 9.3.1.22.1.3 | 101.62 | Normative behavior should be moved to Clause 35, instead of being in the format clause. | delete the two paragraphs or move them to clause 35. | RevisedAgree with the commenter in principleDeleted the corresponding text as clause 35.4.2.3.1 already has the following:“If a non-AP EHT STA receives an EHT variant User Info field in a Trigger frame that is not MU-RTS Trigger frame in which the AID12 subfield matches its AID, then it responds with an EHT TB PPDU.”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4328 as above |
| 8076 | yujin noh | 9.3.1.22.1.3 | 101.62 | For "If solicited by an EHT variant User Info field in a Trigger frame, then the addressed EHT STA responds to the Trigger frame with an EHT TB PPDU as defined in 35.4.2 (UL MU operation), except for an MU-RTS in which case the EHT STA responds to the Trigger frame with a non-HT duplicate PPDU.", this paragraph has nothing to do with Special User Info field. Delete it. | as in comment | RevisedAgree with the commenter in principleDeleted the corresponding text as clause 35.4.2.3.1 already has the following:“If a non-AP EHT STA receives an EHT variant User Info field in a Trigger frame that is not MU-RTS Trigger frame in which the AID12 subfield matches its AID, then it responds with an EHT TB PPDU.”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4328 as above |
| 8077 | yujin noh | 9.3.1.22.1.3 | 102.01 | For "If solicited by an HE variant User Info field in a Trigger frame, then the addressed EHT STA responds to the Trigger frame with an HE TB PPDU as defined in 26.5.2 (UL MU operation), except for an MU-RTS in which case the EHT STA responds to the Trigger frame with a non-HT duplicate PPDU.", this paragraph has nothing to do with Special User Info field. Delete it. | as in comment | RevisedAgree with the commenter in principleDeleted the corresponding text as clause 35.4.2.3.1 already has the following:“If a non-AP EHT STA receives an HE variant User Info field in a Trigger frame that is not MU-RTS Trigger frame in which the AID12 subfield matches its AID, then it responds with an HE TB PPDU.”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #8077 |
| 4329 | Arik Klein | 9.3.1.22.1.3 | 102.01 | The sentence seems irrelevant for the Special User Info field, since it can be only in EHT AP and not HE AP. | Option 1: The sentence seems more relevant to the HE Variant User Info field section in 9.3.1.22.1.2 -consider moving it to this section.Option 2: Remove the sentence from this section. | RevisedAgree with the commenter in principleDeleted the corresponding text as clause 35.4.2.3.1 already has the following:“If a non-AP EHT STA receives an HE variant User Info field in a Trigger frame that is not MU-RTS Trigger frame in which the AID12 subfield matches its AID, then it responds with an HE TB PPDU.”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #8077 as above |
| 5512 | Jinsoo Choi | 9.3.1.22.1.3 | 102.23 | Which PPDU does the PHY Version ID subfield indicate for the PHY version? It'd better clarify it as the PHY Version ID of the solicited EHT TB PPDU. In addition, why don't we just use the same term of PHY Version Identifier as in U-SIG of EHT TB PPDU? | Modify the sentence as "The PHY Version Identifier subfield indicates the PHY version of the solicited EHT TB PPDU. The PHY Version Identifier subfield is set to 0 for EHT." | RevisedAgree with the commenter in principleRenamed the subfield to “PHY Version Identifier” and added EHT TB PPDU.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #5512 |
| 5119 | Geonjung Ko | 9.3.1.22.1.3 | 102.23 | Need to specify what PHY version the PHY Version ID subfield indicates. | Change "The PHY Version ID subfield indicates the PHY version." to "The PHY Version ID subfield indicates the PHY version of the solicited PPDU." | RevisedAgree with the commenter in principleAdded EHT TB PPDUTgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #5512 as above |
| 4885 | Dong Guk Lim | 9.3.1.22.1.3 | 102.23 | Only one value is used for EHT. So, add the following text. "other values from 1 to 7 are reserved" | As in comment | RevisedAdded the suggested text.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4885 |
| 4508 | Bin Tian | 9.3.1.22.1.3 | 103.23 | Change " is set to the same value as its corresponding" to "crrries the values to be included in the Spatial Reuse field" ... | as in the comment. | RevisedAgree with the commenter in principleChanged the text to “carries the values to be included in the corresponding Spatial Reuse n field ”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4508 |
| 7038 | Sigurd Schelstraete | 9.3.1.22.1.3 | 103.24 | "The Spatial Reuse n subfield, is set to the same value as its corresponding subfield in the U-SIG of the EHT TB PPDU". In fact, it indicates the value that we want the EHT TB PPDU to use in U-SIG. Compare e.g with the wording in the next paragraph ("... carries the value to be included ...") | Replace with e.g. "indicates the value that should be used in the corresponding subfield of the U-SIG of the EHT TB PPDU ..." | RevisedAgree with the commenter in principleChanged the text to “carries the values to be included in the corresponding Spatial Reuse n field ”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4508 as above |
| 7696 | Xiaofei Wang | 9.3.1.22.1.3 | 103.23 | This sentence seems to be out of time order for transmit sequences. My understanding is that in a trigger frame, the Spatial reuse n subfield indicates a value, then the receiving STA will set their corresponding field to the same value received in a trigger frame. This sentence causes misunderstanding and needs to be revised. Suggest to change to "The value of the Spatial Reuse n subfield, is defined in Table 36-31 (U-SIG field of an EHT TB PPDU)." | as in comment | RevisedAgree with the commenter in principleChanged the text to “carries the values to be included in the corresponding Spatial Reuse n field ”Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4508 as above |
| 5120 | Geonjung Ko | 9.3.1.22.1.3 | 103.59 | The Trigger Dependent User Info subfield is not present in the GCR MU-BAR Trigger frame. | Remove GCR MU-BAR Trigger frame. | RevisedAgree with the commenter in principleDeleted the text on GCR MU-BAR Trigger frame.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #5120 |
| 7739 | Xiaogang Chen | 9.3.1.22.1.3 Special User Info field | 103.58 | GCR MU-BAR doesn't have trigger dependent user info field. | as commented | RevisedAgree with the commenter in principleDeleted the text on GCR MU-BAR Trigger frame. Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #5120 as above |
| 5545 | JINYOUNG CHUN | 9.3.1.22.1.3 | 103.58 | The BAR Type subfield is already included in Trigger Dependent Common Info subfield in GCR MU-BAR Trigger frame and in Trigger Dependent User Info subfield in MU-BAR Trigger frame. Then why the subfield is included in Trigger Dependent User Info subfield in the Special User Info field again? Clarify it. | as a comment | RevisedAgree with the commenter in principleDeleted the text on GCR MU-BAR Trigger frame. Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #5120 as above |
| 4887 | Dong Guk Lim | 9.3.1.22.1.3 | 103.50 | The Trigger Dependent User Info is present in both the Special user info field and EHT variant User Info field. but, it is not clear whether the same information is included in the Trigger Dependent User Info field of both fields. clarify it. | As in comment | RevisedAgree with the commenter in principleD1.2 has provided the corresponding clarifications: for EHT variant User Info: “Trigger Dependent User Info subfields are set as defined in 9.3.1.22.1.2.1 (HE variant User Info field)”For Special User Info: “The length is one octet and all the subfields are reserved in a Basic Trigger frame …”Tgbe editor: no further action is needed. |
| 4607 | Brian Hart | 36.3.12.7.2 | 419.08 | If individual bits within a field need to be identified, then that's a sure sign that something is wrong, and in fact the field needs to be divided into named subfields. | Give a name to B25-B30 of the U-SIG Disregard and Validate subfield in the Special User Info field in the Trigger frame, and use it here. Ditto P419L30, P422L8 | Revised.Agree with the commenter in principle.In the Special User Info field, new subfield names “Disregard in U-SIG-1”, “Validate in U-SIG-2” and “Disregard in U-SIG-2” are given for B25-B30, B31, and B32-B36, respectively. In U-SIG, these new subfield names are referred to.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4607. |
| 4606 | Brian Hart | 36.3.12.7.2 | 419.08 | If individual bits within a field need to be identified, then that's a sure sign that something is wrong, and in fact the field needs to be divided into named subfields. | Give a name to B25-B30 of the U-SIG Disregard and Validate subfield in the Special User Info field in the Trigger frame, and use it here | Revised.Agree with the commenter in principle.Same resolution to #4606 and #4607.Tgbe editor please implement changes as shown in doc 11-21/1546r0 tagged as #4607 as above. |

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 TGbe Draft. This introduction is not part of the adopted material.

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

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

***TGbe editor: Please update subclause 9.3.1.22.1.3 (Starting from P129L34 in D1.2) as follows:***

**Special User Info field**

(#7900)The Special User Info field is a User Info field that does not carry the user specific information but

carries the extended common information not provided in the Common Info field.

If the Special User Info field is included in the Trigger frame, then the Special User Info Field Flag(#4327)

subfield of the EHT variant of the Common Info Field is set to 0, otherwise it is set to 1.

The Special User Info field is identified by an AID12 value of 2007 and is optionally present in a Trigger frame that is generated by an EHT AP.

NOTE 1—An EHT AP does not use the value 2007 as an AID for any STA associated to it (see 35.4.2 (EHT UL MU operation(#1088))).

NOTE 2— The length of the Special User Info field is equal to the length of the other User Info fields present in the same Trigger frame, except when the Trigger frame is an MU-BAR Trigger frame(#7691).

(#7903)NOTE 3—The Special User Info field is not included in the Trigger frame unless the Trigger frame includes one

or more EHT variant User Info fields.

The Special User Info field, if present, is located immediately after the Common Info field of the Trigger frame and carries (#7692) information for the U-SIG field of a solicited EHT TB PPDU(#6823).

(#6823)

(#4328)

(#8077)

The format of the Special User Info field is defined in [Figure 9-64f3 (Special User Info field format)](#bookmark38).

B0 B11 B12 B14 B15 B16 B17 B20 B21 B24 B25 B36 B37 B39

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| AID12 | PHYVersion Identifier(#5112) | ULBandwidth Extension | Spatial Reuse 1 | Spatial Reuse 2 | U-SIGDisregard And Validate | Reserved | Trigger Dependent User Info |

Bits: 12 3 2 4 4 12 3 variable

**Figure 9-64f3—Special User Info field format**

The PHY Version Identifier(#5112) subfield indicates the PHY version of the solicited EHT TB PPDU(#5112). The PHY Version Identifier(#5112) subfield is set to 0 for EHT. (#4885)Other values from 1 to 7 are reserved.

**… …**

The Spatial Reuse *n* subfield, 1  *n*  2 , (#4508)carries the values to be included in the corresponding Spatial Reuse *n* field in the U-SIG field of the EHT TB PPDU, which are defined in Table 36-31 (U-SIG field of an EHT TB PPDU).

… …

The presence and length of the Trigger Dependent User Info subfield in the Special User Info field depends on the variant of the Trigger frame. When present, the length and the subfields of the Trigger Dependent User Info subfield are as follows:

* The length is one octet and all the subfields are reserved in a Basic Trigger frame and in a BFRP Trigger frame.
* (#5120)The length is four octets and all the subfields, except for the BAR Type subfield, are reserved in an MU-BAR Trigger frame. The BAR Type subfield is set to indi- cate a Compressed BAR in an MU BAR Trigger frame.

… …

***Discussion:***

* *CIDs 5465, 6091, 4886 and 6998 suggested to define default values for U-SIG Disregard And Validate subfield.*
	+ *Specifically, CID 6998 suggested the following:“Set bits B25-B30, B32-B36 of the Special User Info field '0 1 1 1 1 0 1 1 0 1 1' if dot11EHTBaseLineFeaturesImplementedOnly is set to true”*
* *The discussion is still ongoing in PHY and we’ll defer the resolution here.*
* *However, it looks that no one has concerns on the default value of the Validate subfield (B31), which was set to 1 in D0.4 as below. Note that the default value of 1 in EHT TB PPDU is consistent with that of the Validate subfield (B2 of U-SIG-2) in an EHT MU PPDU, because this Validate subfield is intended to be combined with the PPDU Type And Compression Mode subfield (B0-B1 of U-SIG-2) to indicate an expanded set of PPDU Type And Compression Mode.*
* *For clarity, the proposal is to added clarification that B31 in the Special User Info field is set to 1.*



***TGbe editor: Please update the 2nd last paragraph in subclause 9.3.1.22.1.3 (Starting from P131L29 in D1.2) as follows:***

The U-SIG Disregard And Validate subfield carries the value to be included in the Disregard and Validate subfields of the U-SIG field of the solicited EHT TB PPDUs. (#4607)The U-SIG Disregard And Validate subfield is further divided into three subfields as shown in Figure 9-64f3a. The mapping from (#4607)the subfields in the U-SIG Disregard And Validate subfield to the subfields in the U-SIG field for an EHT TB PPDU is defined in [Table 9-29j4 (Mapping from](#bookmark40) [Special User Info field to U-SIG-1 and U-SIG-2 fields in the EHT TB PPDU)](#bookmark40). (#4607)The Validate in U-SIG-2 subfield is set to 1.

B25 B30 B31 B32 B36

|  |  |  |
| --- | --- | --- |
| Disregard in U-SIG-1 | Validate in U-SIG-2 | Disregard in U-SIG-2 |

Bits: 6 1 5

(#4607)**Figure 9-64f3a—U-SIG Disregard And Validate subfield format**

(#4607)**Table 9-29j4—Mapping from Special User Info field to U-SIG-1 and U-SIG-2 fields in the EHT TB PPDU**

|  |  |
| --- | --- |
| **Subfields in the Special User Info field** | **Action to receiving STA** |
| Disregard in U-SIG-1 (B25–B30) | Copy to the Disregard subfield of U-SIG-1 (B20–B25 of U-SIG-1) |
| Validate in U-SIG-2 (B31) | Copy to the Validate subfield of U-SIG-2 (B2 of U-SIG-2) |
| Disregard in U-SIG-2 (B32–B36) | Copy to the Disregard subfield of U-SIG-2 (B11–B15 of U-SIG-2) |

***TGbe editor: Please update the following subfields in Table 36-31 in subclause 36.3.12.7.2 (Starting from P520L7 in D1.2) as follows:***

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Two parts of U-SIG** | **Bit** | **Field** | **Number of bits** | **Description** |
| **U-SIG-1** | B20–B25 | Disregard | **6** | Set to value indicated in (#4607)the “Disregard in U-SIG-1” subfield in the Special User Info field in the Trigger frame and Disregard if dot11EHTBaseLineFeaturesImplementedOnly equals true. See Table 9-29j4 (Mapping from Special User Info field to U-SIG-1 and U-SIG-2 fields in the EHT TB PPDU). |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Two parts of U-SIG** | **Bit** | **Field** | **Number of bits** | **Description** |
| **U-SIG-2** | B2 | Validate | **1** | Set to value indicated in (#4607)the “Validate in U-SIG-2” subfield in the Special User Info field in the Trigger frame and Validate if dot11EHTBaseLineFeaturesImplementedOnly equals true. See Table 9-29j4 (Mapping from Special User Info field to U-SIG-1 and U-SIG-2 fields in the EHT TB PPDU). (#4607)The default value is 1. |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Two parts of U-SIG** | **Bit** | **Field** | **Number of bits** | **Description** |
| **U-SIG-2** | B11–B15 | Disregard | **5** | Set to value indicated in (#4607)the “Disregard in U-SIG-2” subfield in the Special User Info field in the Trigger frame and Disregard if dot11EHTBaseLineFeaturesImplementedOnly equals true. See Table 9-29j4 (Mapping from Special User Info field to U-SIG-1 and U-SIG-2 fields in the EHT TB PPDU). |