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

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| LB266 CR for 9.3.1.22.1 | | | | |
| Date: 2022-07-07 | | | | |
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**Abstract**

This submission proposes resolutions for the following CIDs for TGbe LB266:

* 11491,10975,10798,11492,10724,10976

**Revisions:**

* Rev 0: Initial version of the document.

***TGbe editor: Please note Baseline is IEEE 802.11-2020, 11ax D8.0, and 11be D2.0***

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| CID | Commenter | Clause | Page | Comment | Proposed Change | Resolution |
| 11491 | Xiaofei Wang | 9.3.1.22.1 | 143.21 | MU-RTS/CTS procedure clause should also be referenced here in addition to 35.2.1.2. | as in comment | Revised  Agree with the commenter in principle. A reference to 26.2.6 has been added as suggested.  Tgbe editor please implement changes as shown in doc 11-22/0992r0 tagged as #11491 |
| 10975 | Yanjun Sun | 9.3.1.22.1 | 143.27 | To be aligned with 11az spec, please change "HE ranging NDP" to "HE TB Ranging NDP" | As in comment | Revised  Agree with the commenter in principle. The typo has been fixed as suggested.  Tgbe editor please implement changes as shown in doc 11-22/0992r0 tagged as #10975 |
| 10798 | Dong Guk Lim | 9.3.1.22.1 | 144.07 | The trigger frame transmitted by EHT AP cannot include the both HE variant user info field and the EHT variant info field. Clarify it. | As in the comment. | Revised  Agree with the commenter in principle. As D2.0 has the following normative text in 35.5.2.2.4, which describes the desired behavior mentioned by the commenter  D2.0P486L15: “An EHT AP with dot11EHTBaseLineFeaturesImplementedOnly equal to true shall not transmit a Trigger frame that solicits both an HE TB PPDU and an EHT TB PPDU ”.  For clarity, a corresponding declarative statement is added.  Tgbe editor please implement changes as shown in doc 11-22/0992r0 tagged as #10798 |
| 11492 | Xiaofei Wang | 9.3.1.22.1 | 144.43 | Is Note 1 meant to be normative? In that case, it should be stated as such. | as in comment | Rejected  The comment fails to identify a technical issue and is asking a question.  The normative text corresponding to NOTE1 is already in 35.5.2.3.4 of D2.0 as follows, so no further action is needed:  “If a non-AP EHT STA is solicited to send a TB PPDU by a Trigger frame and the combination of the B54 and B55 in the Common Info field, the B39 in the User Info field addressed to it in the Trigger frame does not match any of the combinations of the values specified in the rows in Table 9-45a” |
| 10724 | JUNG HOON SUH | 9.3.1.22.1 | 144.40 | in Table 9-45a, how is B54-B55-B39 0-0-1 different from 1-0-1? Need explanation? | There is no description for B54-B55-B39 0-0-1 case in the D2.0. Could you add one sentence of description for this case? | Revised  This is a question instead of a technical issue. For better clarity, an example has been added for the 0-0-1 case to answer the question.  Tgbe editor please implement changes as shown in doc 11-22/0992r0 tagged as #10724 |
| 10976 | Yanjun Sun | 9.3.1.22.1 | 144.52 | To avoid confusion, please revise this text to something like "if B54 in the Common Info field is equal to 1, an EHT AP with dot11EHTBaseLineFeaturesImplementedOnly equal to true does not set B55 in the Common field set to 0". | As in comment | Revised  Agree with the commenter in principle. Text has been revised as suggested.  Tgbe editor please implement changes as shown in doc 11-22/0992r0 tagged as #10976 |

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.***

**9.3.1.22.1 General**

***TGbe editor: Please update the 1st paragraph in subclause 9.3.1.22.1 (Starting from P143L19 in D2.0) as follows (track change enabled):***

A Trigger frame which is not an MU-RTS Trigger frame allocates resources for and solicits one or more TB PPDU transmissions. An MU-RTS Trigger frame allocates resources for one or more PPDUs that are not TB PPDU (see (#11491) 26.2.6 (MU-RTS Trigger/CTS frame exchange procedure) and 35.2.1.2 (Triggered TXOP sharing procedure)). The Trigger frame also carries other information required by the responding STA to send an HE TB PPDU (see 26.5.2 (UL MU operation)), an EHT TB PPDU (see 35.5.2 (EHT UL MU operation)), a non-HT PPDU or a non-HT duplicate PPDU (see 26.2.6 (MU-RTS Trigger/CTS frame exchange procedure) and 35.2.1.2 (Triggered TXOP sharing procedure)), or an HE (#10975) TB Ranging NDP (see 11.21.6.4.3 (TB ranging measurement exchange)) in response to the Trigger frame.

… …

***TGbe editor: Please change paragraph at P144L07 in D2.0 as follows (track change enabled):***

A non-EHT HE AP does not transmit a Trigger frame with the EHT variant User Info field or the Special

User Info field, whereas an EHT AP can transmit a Trigger frame with any variant of the User Info field. (#10798) An EHT AP with dot11EHTBaseLineFeaturesImplementedOnly equal to true does not transmit a Trigger frame that solicits both an HE TB PPDU and an EHT TB PPDU as defined in 35.5.2.2.4 (Allowed settings of the Trigger frame fields and TRS Control subfield).

… …

***TGbe editor: Please update the paragraph below Table 9-45a (Starting from P144L52 in D2.0) and insert a new paragraph above it as follows (track change enabled):***

(#10724) For example, if an EHT AP sends a Trigger frame that intends to solicit an EHT TB PPDU with a 4x996-tone RU from an EHT STA, then the AP sets B54 and B55 of the Common Info field to 0 and sets B39 to 1 in the User Info field addressed to the STA.

(#10976) If B54 in the Common Info field is equal to 1, an EHT AP with dot11EHTBaseLineFeaturesImplementedOnly equal to true does not set B55 in the Common field set to 0. If the bandwidth of a solicited EHT TB PPDU is less than 320 MHz, then B39 of the corresponding EHT variant User Info field in the Trigger frame is set to 0.