IEEE P802.11  
Wireless LANs

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| Resolution of CIDs in clauses 9.4.2.313.2 and 9.6.35 related to EPCS (LB266) | | | | |
| Date: August 3, 2022 | | | | |
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Abstract

This submission proposes resolutions for the following 14 CIDs received for TGbe LB266 related to EPCS-related in clauses 9.4.1.9, 9.4.2.3.313.2 and 9.6.35:

12432, 13745, 12233, 12878, 11847, 13482, 10207, 10925, 10208, 13492, 10209, 13493, 10210, 11795

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Added CID 11795 and incorporated offline feedback
* Revised to include explicit reference to document number in resolution comments and to address on-line comment

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.***

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| --- | --- | --- | --- | --- | --- |
| **CID** | **Section** | **Pg/Ln** | **Comment** | **Proposed Change** | **Resolution** |
| 12432 | 9.2.4.9 | 180.04 | There are many "news" in the text which should be "new" without "s" | search the whole text and replace "news" with "new" | Revised  Agree with comment. Providing modification instructions to limit potential risks of global replace.  **TGbe editor please replace phrase “news rows” with “new rows” in the instructions for modifying tables in Clauses 9.4.1.9, 9.4.1.11, and 12.7.2** |
| 13745 | 9.4.1.9 | 180.04 | news should be new | Change "news" to "new" | Revised  Comment is addressed by resolution to CID 12432. |
| 12233 | 9.4.1.9 | 180.32 | Missing article | Change cited sentence to "EPCS priority access denied due to **a** reason outside the scope of this standard." | Accepted |
| 12878 | 9.4.2.312.6 | 228.17 | In Figure 9-1002ad, "B1" must be "B0". | Please fix the typo. | Accepted |
| 11847 | 9.4.2.313.2 | 230.10 | All these features are obviously under EHT since the capabilities element itself is EHT. So calling dot11EHTOptionImplemented here is redundant and not needed. | As in comment. | Revised  Agree with comment  **TGbe editor please implement changes labelled as #11847 in document 802.11-22-1180r2.** |
| 13482 | 9.4.2.313.2 | 230.10 | Change "EPCS Priority Access Supported" to "EPCS Priority Access Support" through the draft | As in comment | Accepted |
| 10207 | 9.6.35.5 | 269.03 | The frame is transmitted not by the MLD but by an STA affiliated with the MLD. | Revise to "It is transmitted by a STA affiliated with the initiating MLD to request that EPCS Priority Access be enabled." | Revised  Agree with comment. Resolved in conjunction with CID 10925.  **TGbe editor please implement changes labelled as #10207 in document 802.11-22-1180r2.** |
| 10925 | 9.6.35.5 | 269.05 | Missing word(s) in "It is transmitted by a requesting MLD to request that EPCS priority access be enabled." | For example: "... to request that EPCS priority access IS TO be enabled" or "... to request that EPCS priority access SHALL be enabled" | Revised  Agree with comment. Resolved in conjunction with CID 10207.  **TGbe editor please implement changes labelled as #10207 in document 802.11-22-1180r2.** |
| 10208 | 9.6.35.5 | 269.31 | The Priority Access Multi-Link is optional. It may be inserted by a AP MLD. That should be described here. | Add the following sentence: "The Priority Access Multi-Link field is optional and may be populated by an AP MLD." | Revised  Agree with comment. Resolved in conjunction with CID 13492.  **TGbe editor please implement changes labelled as #10208 in document 802.11-22-1180r2.** |
| 13492 | 9.6.35.5 | 269.20 | clarify that Priority Access Multi-Link elementis optional in the frame | update the table per the comment | Revised  Agree with comment. Resolved in conjunction with CID 10208.  **TGbe editor please implement changes labelled as #10208 in document 802.11-22-1180r2.** |
| 10209 | 9.6.35.6 | 270.04 | The Priority Access Multi-Link is optional. It may be inserted by a AP MLD. That should be described here. | Add the following sentence: "The Priority Access Multi-Link field is optional and may be populated by an AP MLD." | Revised  Agree with comment. Resolved in conjunction with CID 13493.  **TGbe editor please implement changes labelled as #10209 in document 802.11-22-1180r2.** |
| 13493 | 9.6.35.6 | 269.55 | clarify that Priority Access Multi-Link elementis optional in the frame | update the table per the comment | Revised  Agree with comment. Resolved in conjunction with CID 10209.  **TGbe editor please implement changes labelled as #10209 in document 802.11-22-1180r2.** |
| 10210 | 9.6.35.7 | 270.10 | The frame is transmitted not by the MLD but by an STA affiliated with the MLD. | Revise to "It is transmitted by a STA affiliated with an initiating MLD to disable EPCS Priority Access." | Revised  Agree with comment.  **TGbe editor please implement changes labelled as #10210 in document 802.11-22-1180r2.** |
| 11795 | 11.24.1.2 | 331.48 | EPCS Priority Service is not defined | Either define the EPCS Priority Service or change this to EPCS Priority Access | Revised  Agree with comment.  **TGbe editor please change “EPCS Priority Service” to “EPCS Priority Access” in Table 11-18 (Default QMF Policy).** |

***TGbe editor: Please note baseline is 11be D2.0***

**9.4.2.313.2 EHT MAC Capabilities Information field**

|  |  |  |
| --- | --- | --- |
| **Subfield** | **Definition** | **Encoding** |
| EPCS Priority Access [13482] Support | Indicates whether or not EPCS priority access is supported. | Set to 1 if [11847]dot11EHTEPCSPriorityAccessActivated is true (see 35.17 (EPCS priority access)). Set to 0 otherwise. |
| … |  |  |

**9.6.35.5 EPCS Priority Access Enable Request frame format**

The EPCS Priority Access Enable Request frame is an Action frame of category Protected EHT. It is transmitted by [10207] an MLD through an affiliated STAas a request to enable EPCS priority access. The Action field of the EPCS Priority Access Enable Request frame contains the information shown in Table 9-623g (EPCS Priority Access Enable Request frame Action field format).

**Table 9-623g—EPCS Priority Access Enable Request frame Action field format**

|  |  |
| --- | --- |
| **Order** | **Meaning** |
| 1 | Category |
| 2 | Protected EHT Action |
| 3 | Dialog Token |
| 4 | Priority Access Multi-Link element [10208] (optional) |

The Category field is defined in 9.4.1.11 (Action field).T

The Protected EHT Action field is defined in 9.6.35.1 (Protected EHT Action field).

The Dialog Token field is defined in 9.4.1.12 (Dialog Token field) and set by the requesting MLD.

The Priority Access Multi-Link field [10208] is optionally present if the Action frame is sent by an AP MLD and is defined in 9.4.2.312.6 (Priority Access Multi-Link element).

**9.6.35.6 EPCS Priority Access Enable Response frame format**

The EPCS Priority Access Enable Response frame is an Action frame of category Protected EHT. It is transmitted in response to an EPCS Priority Access Enable Request frame. The Action field of the EPCS Priority Access Enable Response frame contains the information shown in Table 9-623h (EPCS Priority Access Enable Response frame Action field format).

**Table 9-623h—EPCS Priority Access Enable Response frame Action field format**

|  |  |
| --- | --- |
| **Order** | **Meaning** |
| 1 | Category |
| 2 | Protected EHT Action |
| 3 | Dialog Token |
| 4 | Priority Access Multi-Link element [10209] (optional) |

The Category field is defined in 9.4.1.11 (Action field).

The Protected EHT Action field is defined in 9.6.35.1 (Protected EHT Action field).

The Dialog Token field value is copied from the Dialog Token field in the corresponding EPCS Priority Access Enable Request frame.

The Status Code field values are defined in Table 9-78 (Status codes).

The Priority Access Multi-Link field [10209] is optionally present if the Action frame is sent by an AP MLD and is defined in 9.4.2.312.6 (Priority Access Multi-Link element).

**9.6.35.7 EPCS Priority Access Teardown frame details**

The EPCS Priority Access Teardown frame is an Action frame of category Protected EHT. It is transmitted by [10210] an initiating MLD through an affiliated STA to tear down EPCS priority access. The Action field of the EPCS Priority Access Teardown frame contains the information shown in Table 9-623i (EPCS Priority Access Teardown Action field format).