IEEE P802.11  
Wireless LANs

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| Resolution of CIDs in clause 3.1 related to EPCS (CC 266) | | | | |
| Date: July 8, 2022 | | | | |
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Abstract

This submission proposes resolutions for the following 9 CIDs received for TGbe CC266 dealing with EPCS-related definitions:

13296, 11471, 11785, 10182, 12031, 10183, 11786, 12032, 13297

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 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** |
| 13296 | 3.1 | 47.20 | EPCS priority access is an IEEE 802.11 specific definition. Move to clause 3.2. | As in comment | Revised  Agree in principle. Definitions will be moved, but in a revised form as part of resolution of other CIDs  **TGbe editor please implement changes labelled as #13296 in this doc.** |
| 11471 | 3.1 | 47.20 | Is "on-demand" really necessary for this definition? It seems redundant and should be removed. | remove "on-demand" | Revised  The phrase “on-demand” was included to capture the dynamic nature of the service, which can be turned on and off. Revised language to make this more clear.  **TGbe editor please implement changes labelled as #11471 in this doc.** |
| 11785 | 3.1 | 47.21 | authorize non-access point (non-AP) MLDs' should be 'authorized non-access point (non-AP) MLDs '. Also remove the reference to EPCS "as described in 35.17 (EPCS priority access)" since no other definition has a reference to a Clause. | As in comment | Revised  Modified text to clarify that “to authorize” is referring to action by AP MLD.  The reference to the remote clause is removed in response to CID 10182.  **TGbe editor please implement changes labelled as #11785 in this doc.** |
| 10182 | 3.1 | 47.23 | Definitions in the base spec do not include references to clauses. | Remove the folowing text from the definition of Emergency Preparedness Communications Service (EPCS) priority access: "as described in 35.17 (EPCS priority access)". | Revised  Agree in principle. Remove phrase cited phrase and associated punctuation.  **TGbe editor please implement changes labelled as #10182 in this doc.** |
| 12031 | 3.1 | 47.20 | It seems reference to a subclause (or another document) is done through a Note (e.g. MU-MIMO in IEEE 802.11-2020 where Note refers to 3.2 for additional information). I would prefer keeping the same approach for consistency and do not add reference to subclause 35.17 in the "EPCS priority access" definition | Remove ",as described in 35.17 (EPCS priority access)" from the definition. If precision has to be added, then add a note, something like: " ... EPCS traffic with a higher priority. NOTE- See 35.17 for more details" | Revised  Agree in principle. Remove phrase cited phrase and associated punctuation. Resolved in conjunction with CID 10182.  **TGbe editor please implement changes labelled as #10182 in this doc.** |
| 10183 | 3.1 | 47.25 | The word "authorized" is repeated too many times in the definition | Revise definition as "The traffic generated by an authorized non-access point (non-AP) multi-link device (MLD) or traffic destined for an authorized non-AP MLD when the EPCS priority access is enabled for that non-AP MLD." | Revised  Resolved in conjunction with CID 11786.  **TGbe editor please implement changes labelled as #10183 in this doc.** |
| 11786 | 3.1 | 47.26 | Too many 'authorized' in the definition. It is repetitive. | Update the definition as follows: "Emergency Preparedness Communications Service (EPCS) traffic: The traffic generated by an authorized non-access point (non-AP) multi-link device (MLD) or traffic destined for a non-AP MLD when the EPCS priority access is authorized and enabled for that non-AP MLD. " | Revised  Resolved in conjunction with CID 10183.  **TGbe editor please implement changes labelled as #10183 in this doc.** |
| 12032 | 3.1 | 47.25 | Definition of "Emergency Preparedness Communications Service (EPCS) traffic" is weird .. Why authorized is repeated so much time? If we have an authorized non-AP MLD, I'm not sure we need to add in top that EPCS is also authorized? Also if you mentionned authorized non-AP MLD, then a definition is of this entity is missing. A simplification could be for the definition: "The traffic generated by an non-access point (non-AP) multi-link device (MLD) or traffic destined for an non-AP MLD when the EPCS priority access is enabled and authorized for that non-AP MLD." | As in comment | Revised  Resolved in conjunction with CID 10183.  **TGbe editor please implement changes labelled as #10183 in this doc.** |
| 13297 | 3.1 | 47.25 | EPCS traffic is an IEEE 802.11 specific definition. Move to clause 3.2. | As in comment | Revised  Agree in principle. Definitions will be moved, but in a revised form as part of resolution of other CIDs  **TGbe editor please implement changes labelled as #13297 in this doc.** |

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

3.1 Definitions

**Insert the following definitions (maintaining alphabetical order):**

**[13296]~~Emergency Preparedness Communications Service (EPCS) priority access:~~** ~~An on-demand capability that allows access point (AP) multi-link devices (MLDs) to authorize non-access point (non-AP) MLDs to communicate EPCS traffic with a higher priority, as described in 35.17 (EPCS priority access).~~

**[13297]~~Emergency Preparedness Communications Service (EPCS) traffic:~~** ~~The traffic generated by an authorized non-access point (non-AP) multi-link device (MLD) or traffic destined for an authorized non-AP MLD when the EPCS priority access is authorized and enabled for that authorized non-AP MLD.~~

3.2 Definitions specific to IEEE 802.11

**Insert the following definitions (maintaining alphabetical order):**

**Emergency Preparedness Communications Service (EPCS) priority access:** A~~n~~ ~~on-demand~~ dynamically invoked functionality [11471] that allows access point (AP) multi-link devices (MLDs) to authorize and facilitate [11785] non-access point (non-AP) MLDs to communicate EPCS traffic with a higher priority~~, as described in 35.17 (EPCS priority access)~~ [10182].

**Emergency Preparedness Communications Service (EPCS) traffic:** The traffic generated by a~~n~~ ~~authorized~~ [10183] non-access point (non-AP) multi-link device (MLD) or traffic destined for a~~n authorized~~ [10183] non-AP MLD when the EPCS priority access is authorized and enabled for that ~~authorized~~ [10183] non-AP MLD.