IEEE P802.11
Wireless LANs

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| Resolution for LB266 CIDs related to 9.4.2.316 QoS Characteristics element Part 1 (General and Editorial) |
| Date: January, 2023 |
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 Abstract

This submission proposes a resolution for the following 3 CIDs for TGbe (LB266).

10071

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: removed CID 12973
* Rev 2: corrected some resolution incorrectly labelled as Rejected (should be Revised)
* Rev 3: deferred CIDs 10071, 13245, 11243, 12174, 12291, 12292
* Rev 5: addresses CIDs 10071, 12972 and 14071
* Rev 6: further changes for resolution of CID 10071
* Rev 7: fixed typos
* Rev 8: clarified the text based on the following:
	+ Intra-ac priority element is always included in SCS Request (add/change)
	+ The UP subfield in the QoS characteristics element always follows the Intra-ac priority UP
	+ If a TCLAS is included and the UP subfield in the TCLAS is between 0-7, the UP value also has to match the UP in the Intra-ac priority UP. Note TCLAS UP may be set to 255 (special value), in which case it will be different than the Intra-ac priority UP
* Rev 9: added bug fix in the SCS section. For UL case, the Intra-access priority field should be omitted.

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 TGaxbe 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** | **Commenter** | **Page.Line** | **Comment** | **Proposed Change** | **Resolution** |
| 10071 | Thomas Derham | 252.64 | The User Priority field in a TCLAS is used as an input classifier filter, i.e. use cases where an MSDU/MPDU is classified in the MAC after its UP has already been assigned. In SCS use cases, packet classification is generally based on the classifier types (e.g. IP tuple, MAC addresses, etc) in the TCLAS, and the User Priority field is set to 255 (not used for comparison). Where SCS is used to assign a UP to downlink MSDUs, the UP to be assigned is specified in the Intra-Access Category Priority element (see 11 25.2 of baseline). Therefore, the sentence saying the User Priority subfield should be set to the same as the value in TCLAS seems incorrect, since this would not equal the UP that the data frames will be assigned. | Remove the sentence from this subclause (clause 9 should just define the field). Potentially move to clause 11 SCS, and modify so it refers to the Intra-Access Category Priority element instead of TCLAS. | **Revised**Added text to clarify the User Priority field in the QoS characteristics element is set to the same value as the User Priority value carried in the Intra-Access Category Priority element.**TGbe editor, please make changes as shown in 11-22/1436r8 for CID 10071** |

Proposed Text Change

**35.17 EHT SCS procedure**

***TGbe editor: modify subclause 9.4.2.316 as follows:***

An SCS Descriptor element contained in an SCS Request frame in which the QoS Characteristics subelement is present and the Direction subfield in the QoS Characteristics element is equal to direct link or uplink shall not contain the Intra-Access Category Priority element, TCLAS elements, and the TCLAS Processing element field.

9.4.2.316 QoS Characteristics element

***TGbe editor: modify subclause 9.4.2.316 as follows:***

[…]

* The User Priority subfield contains the user priority value (0~7) of the data frames that are described by this element. The User Priority subfield is set to the value of the User Priority subfield in the Intra-Access Category Priority element (#10071) if the Intra-Access Category Priority element is present in the SCS Descriptor element.

Do you agree to the resolution provided in doc 11-22/1436r9 for the following CIDs?

10071