IEEE P802.11
Wireless LANs

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| LB 200 Comment Resolution for Clause 8.4.2.28 |
| Date: 2013-11-11 |
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Abstract

This submission proposes resolutions for comments in clause 8.4.2.28 of TGah Draft 1.0 with the following CIDs:

1101, 1102, 2405, and 2954

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

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

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

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **CID** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 1101 | 75.19 | 8.4.2.28 | a field called "Control", how wonderfully self-descriptive. | Rename the field with a name that is self-describing and self-obvious. | Revised – TGah editor to make changes shown in 11-13-1429r0 under the heading for CIDs 1101, 1102, 2405, and 2954. |
| 1102 | 75.45 | 8.4.2.28 | The new fields are specific to behaviour described for S1G STAs. The amenment should make it clear that there is no meaning specified for these fields for non-S1G STAs. | Add "This field is reserved in a frame transmitted by a non-S1G STA." at lines 46 and 50. | Revised – TGah editor to make changes shown in 11-13-1429r0 under the heading for CIDs 1101, 1102, 2405, and 2954. |
| 2405 | 75.15 | 8.4.2.28 | The new fields need to remain reserved for non-S1G STAs | Add "It is reserved in non-S1G STAs" or somesuch | Revised – TGah editor to make changes shown in 11-13-1429r0 under the heading for CIDs 1101, 1102, 2405, and 2954. |
| 2954 | 75.49 | 8.4.2.28 | Need to specify the mapping between PS-Poll AC field and the access category for sending PS-Poll | As in comment. | Revised – TGah editor to make changes shown in 11-13-1429r0 under the heading for CIDs 1101, 1102, 2405, and 2954. |

**Discussion:** *Agree with the commenters and proposed changes are inline with their suggestions. Minor note: Change the PS-Poll AC to PS-Poll ACI to simplify mapping of the values to an already existing table.*

* **EDCA Parameter Set element**

**Instruction to Editor: *Modify the Reserved field in Figure 8-196 as follows:***

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | Element ID | Length(18) | QoS Info | ~~Reserved~~Update EDCA Info | AC\_BE Parameter Record | AC\_BK Parameter Record | AC\_VI Parameter Record | AC\_VO Parameter Record |
| Octets: | 1 | 1 | 1 | 1 | 4 | 4 | 4 | 4 |
| * **EDCA Parameter Set element**
 |

**Instructions to the Editor*: Modify the sentences at the end of this sub-clause as follows:***

The Update EDCA Info field is reserved for non-S1G STAs. For S1G STAs it is shown in Figure 8-196a (Update EDCA Info field).

|  |  |  |  |
| --- | --- | --- | --- |
|  | B0 | B1 B2 | B3 B7 |
|  | Override | PS-Poll ACI | Reserved |
| Bits:  | 1 | 2 | 5 |
| * **Update EDCA Info field**
 |

The Override field is used by S1G APs to indicate to S1G STAs that this element overrides previously stored EDCA parameters as described in 9.2.4.2 (HCF contention-based channel access (EDCA)).

The PS-Poll ACI field is used by S1G APs to inform the S1G STAs of the access category for sending a PS-Poll frame. The mapping between the PS-Poll ACI and AC is identical to the one defined in Table 8-116 (ACI-to-AC coding).

**Instructions to the Editor: *Change the following sentence in page 151 line 53:***

When the first frame in an exchange from an S1G STA is a PS-Poll frame, the PS-Poll frame shall be transmitted using the access category AC\_VO by default, unless the overridden PS-Poll ACI subfield in the Update EDCA Info field in an EDCA Parameter Set element, received by the AP with which the S1G STA is associated with, indicates a different access category for sending PS-Poll.

**Instructions to the Editor: *Change the following sentence in page 219 line 46:***

An S1G STA uses AC\_VO to send PS-Poll frame as the default setting. The S1G AP shall inform the S1G

STA of the access category specified in the PS-Poll ACI subfield in the Update EDCA Info field in the EDCA Parameter Set element for sending PS-Poll frames at Beacon and Probe Response frames, over-writing the default value.