IEEE P802.11
Wireless LANs

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| Comment Resolutions for Clause 8.2.4  |
| Date: 2014-12-02 |
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Abstract

This submission proposes comment resolutions for subclauses under 8.2.4:

5130, 5131, 5132, 5242, 5243, and 5061***.***

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.***

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| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 5130 | 8.2.4.1.1 | 72 | 19 | "a S1G" should be "an S1G" | "a S1G" should be "an S1G" | ReviseTGah Editor changes “a S1G” to “an S1G” in P72L19 |
| 5131 | 8.2.4.1.1 | 72 | 38 | "a S1G" should be "an S1G" | "a S1G" should be "an S1G" | ReviseTGah Editor changes “a S1G” to “an S1G” in P72L38 |
| 5132 | 8.2.4.1.1 | 72 | 56 | "a S1G" should be "an S1G" | "a S1G" should be "an S1G" | ReviseTGah Editor changes “a S1G” to “an S1G” in P72L56 |
| 5242 | 8.2.4.1.1 | 73 | 30 | The fields contained in the frame control field should be described in independent subclauses of 8.2.4.1 to be inline with the baseline. | Add new subclauses 8.2.4.1.15 (Next TBTT Present field), 8.2.4.1.16 (Compressed SSID Present field), 8.2.4.1.17 (ANO Present field), 8.2.4.1.18 (BSS BW field), 8.2.4.1.19 (Security field), and 8.2.4.1.20 (AP PM field). Move each of the sentence descriptions of these fields (starting from P73L30 till P74L19) to their corresponding subclause that is newly created. | ReviseTGah Editor makes changes under the headings that includes CID 5242 |

**8.2.4 Frame fields**

**8.2.4.1 Frame Control field**

**8.2.4.1.1 General**

***TGah Editor removes the text and figures wich are starting from P73L30 till P74L19 (5242)***

***TGah Editor adds the following paragraphes at the end of 8.2.4.1 (5242)***

8.2.4.1.15 Next TBTT Present field

The Next TBTT Present field is 1 bit in length and is set to 1 if the Next TBTT field is present; otherwise it is set to 0.

8.2.4.1.16 Compressed SSID Present field

The Compressed SSID Present field is 1 bit in length and is set to 1 if the Compressed SSID field is present; otherwise it is set to 0.

8.2.4.1.17 ANO Present field

The ANO Present field is 1 bit in length and is set to 1 if the Access Network Options field is present; otherwise it is set to 0.

8.2.4.1.18 BSS BW field

The BSS BW field indicates the minimum and the maximum operating bandwidths of the BSS as defined in Table 7-0a (Frame Control field BSS BW setting).

**Table 7-0a—Frame Control field BSS BW setting**

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| --- | --- | --- |
| BSS Bandwidth | Minimum BSS BW [MHz] | Masimum BSS BW [MHz] |
| 0 | 1 | 2 |
| 1 | Equal to the BW of the PPDU carrying the BSS BW field | Equal to the BW of the PPDU carrying the BSS BW field |
| 2 | 1 | 4 |
| 3 | 2 | 4 |
| 4 | 1 | 8 |
| 5 | 2 | 8 |
| 6 | 1 | 16 |
| 7 | 2 | 16 |

8.2.4.1.19 Security field

The Security field is 1 bit in length and is set to 1 if the AP is an RSNA AP; otherwise it is set to 0.

8.2.4.1.20 AP PM field

The AP-PM field is 1 bit in length and indicates whether the AP can go to Power Save mode until the next T(S)BTT. If AP-PM bit is equal to 1, AP can go to Power Save mode until the next T(S)BTT unless otherwise is indicated by restricted access windows (RAWs) or TWTs. If AP-PM is equal to 0, the AP does not go to Power Save mode until the next T(S)BTT.

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| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 5243 | 8.2.4.1.8 | 76 | 31 | Any relation between the More Data field and the eventually present EOSP field of the frame, or say the type of frame carrying this field? For sure it needs to be clear that this paragraph refers to individually addressed frames while the paragraph below for the case of the MD setting for group addressed frames (by the way the case of non-AP STA is missing). | As in comment and:Insert "in individually addressed frames" immediately after "More Data field to 1" (twice) in this paragraph.Insert " An S1G non-AP STA sets the More Data field to 0 in group addressed frames it transmits." at the end of the last paragraph. | ReviseDiscussion: Adding “in individually addressed frames” in P76L31 paragraph makes sense. However It is not necessary to insert " An S1G non-AP STA sets the More Data field to 0 in group addressed frames it transmits." at the end of the last paragraph since an S1G non-AP STA will never transmit group addressed frames (for frames with multicast/broadcast destination MAC address, a non-AP STA use unicast MAC address as R1 address).TGah editor changes P76L31 paragraph as following:An S1G STA sets the More Data field to 1 in individually addressed frames to indicate that the S1G STA has MSDUs, MMPDU or A-MSDUs buffered for transmission to the frame's recipient during the current SP or TXOP. An S1G STA does not set the More Data field to 1 individually addressed frames if it does not have any MSDUs, MMPDU or A-MSDUs buffered for transmission to the frame's recipient during the current SP or TXOP. |

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| **CID** | **Clause Num** | **P** | **L** | **Comment** | **Propose Change** | **Resolution** |
| 5061 | 8.2.4.6.3 | 79 | 54 | "The S1G subfield is set to 1 by an S1G STA and is set to 0 by a non-S1G STA" --- "is set to" is usually only used to emphasize the act of changing / setting the field from one value to another. Here, the statement describes the value of the S1G subfield if the frame is transmissted by S1G STAs. | Change "The S1G subfield is set to 1 by an S1G STA and is set to 0 by a non-S1G STA" to "For S1G STAs, the S1G subfield equals 1. For non-S1G STAs, the S1G subfield equals 0." | Reject.Discussion: “xxx field is set to yyy” is widely used in clause 8 of 11mc draft. |