IEEE P802.11
Wireless LANs

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| LB 203 Comment Resolution for 10.24.13 |
| Date: 2014-08-26 |
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Abstract

This document provides resolutions for CID 3187, 3602.

The changes are in the following clause: 10.24.13, 8.3.3.6, and 8.3.3.8.

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# 0 Revision Notes

R0: First draft

R1: Add the text of “signalled by an S1G STA”

R2: Change the text for BSS Max Idle Period as it is not only for S1G STA and add the condition for Max Idle Period element in (Re)Association Response for S1G STA.

R3: Add Sun Bo as the co-author of this document

| **CID** | **Commenter** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| --- | --- | --- | --- | --- | --- | --- |
| 3187 | Alfred Asterjadhi | 331.36 | 10.24.13 | Extended BSSMaxIdlePeriod values... this is the first time this terminology is used. The explanation needs to be added after the terminology is defined. Also be consistent for scaling factor and remove the underline for these two paragraphs because the instruction is "Insert". | Insert a sentence that clarifies that the BSS Max Idle period for S1G STAs included a USF field that is defined in table 8.xx. Replace scaling factor with USF and remove the underline for these tww paragraphs. | Revised- Agree in principle. TGah editor to make changes shown in 11-14/1072r3 under the heading for CID 3187. |
| 3602 | James Lepp | 331.27  | 10.24.13 | This phrasing of a value "at a STA" is not used elsewhere and is unclear. Please rephrase | Rephrase the sentence | Revised- Agree in principle. TGah editor to make changes shown in 11-14/1072r3 under the heading for CID 3602. |

***Proposed changes:***

***CID 3602***

 **Instruction to Editor: *Please make the following changes for L27P331 in 11ah D2.0:***

If the value of dot11MaxIdlePeriod at an non-S1G STA is a nonzero or dot11S1GOptionImplemented is true at an S1G STA, the STA shall include the BSS Max Idle Period element in the Association Response frame or the and Reassociation Response frames. Otherwise, the STA shall not include the BSS Max Idle Period element in the transmitted Association Response frame or the and Reassociation Response frames. A STA may send security protocol protected or unprotected keep-alive frames, as indicated in the Idle Options field.

**Instruction to Editor: *Change Table 8-38 in Clause 8.3.3.6 by inserting the text of “or dot11S1GOptionImplemented” in Line 26 on Page 620 in the following row (ignoring the header row and information row that in REVmc D3.0).***

|  |  |  |
| --- | --- | --- |
| Order | Information  | Notes |
| 19  | BSS Max Idle Period | The BSS Max Idle Period element is present ifdot11WirelessManagementImplemented or dot11S1GOptionImplemented is true. |

**Instruction to Editor: *Change Table 8-40 in Clause 8.3.3.8 by inserting the text of “or dot11S1GOptionImplemented” in Line 10 on Page 624 in the following row (ignoring the header row and information row that in REVmc D3.0).***

|  |  |  |
| --- | --- | --- |
| Order | Information  | Notes |
| 21  | BSS Max Idle Period | The BSS Max Idle Period element is present ifdot11WirelessManagementImplemented or dot11S1GOptionImplemented is true. |

***CID3187***

**Instruction to Editor: *Please remove the underline for two paragraphs and make the following changes for L36P331 in 11ah D2.0:***

Extended BSSMaxIdlePeriod values are those that ~~include a scaling factor that is~~had a non-zero USF (Table 8-43a) value signalled by an S1G STA~~greater than 1~~. An S1G STA may include the BSS Max Idle Period element in transmitted Association Request and Reassociation Request frames to indicate a preferred BSSMaxIdlePeriod value.The S1G AP selects a value for BSSMaxIdlePeriod based on the S1G STA's preferred BSSMaxIdlePeriod (if any) and the type of the S1G STA. The S1G AP indicates its chosen value to the S1G STA in the (Re)Association Response frame. The value chosen by the AP is the value that the AP will use in making disassociate decisions based on ~~BSSMaxIdlePeriod~~the timeout value equal to BSSMaxIdlePeriod for the STA that is the recipient of the Association Response or Reassociation Response frame. An AP may provide different values for BSSMaxIdlePeriod to different STAs. ~~The chosen value may be the same value that the STA requested or it may be a different value.~~

A STA may send at least one security protocol protected or unprotected keep-alive frame per BSSMaxIdlePeriod, as indicated in the Idle Options field. When a STA transmits an unprotected keep-alive frame, it shall use a frame that has 48-bit TA and RA fields.