IEEE P802.11
Wireless LANs

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| LB 200 CID 2851 comment resolution |
| Date: 2014-02-26 |
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Abstract

This submission proposes comment resolution of LB200 CID 2851 from TGah Draft 1.0.

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** | **Page** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 2851 | 212.24 | 9.53 | 2 MHz Long Format operation shall be defined in Clause 9. | Add a new sub-clause 9.53 after the end of 9.52 as the following:9.53 2MHz Long Format OperationAn S1G STA with dot11TwoMHzLongFormatCapability set to true shall set the 2MHz Long Format field in theS1G Capabilities element to 1. An S1G STA with dot11TwoMHzLongFormatCapability set to false shall set the2MHz Long Format field in the S1G Capabilities element to 0.An S1G STA shall not transmit a frame with TXVECTOR parameter 2MHz Long Format set to 1 to an S1G STAunless the 2MHz Long Format field of the most recent S1G Capabilities element received from that STAcontained a value of 1 and dot11TwoMHzLongFormatCapability is true. | Revised-Agree in principle.2MHz Long Format is an optional feature of TGah. Some normative behavior related with the capabilities information shall be defined in clause 9. TGah editor to make changes shown in 11-14-0261r0 under the heading for CID 2851. |

**Propose:**

Revised for CID 2851, per discussion and editing instructions in 11-14/0261r0.

***TGah editor: Insert the following new subclauses after subclause 9.55:***

**9.56 S1G\_Long Operation**

An S1G STA with dot11S1GLONGOptionActivated set to true shall set the S1G\_LONG Support field in the S1G Capabilities element to 1. An S1G STA with dot11S1GLONGOptionActivated set to false shall set the S1G\_LONG Support field in the S1G Capabilities element to 0.

An S1G STA shall not transmit a frame with TXVECTOR parameter PREAMBLE\_TYPE set to S1G\_LONG\_PREAMBLE to an S1G STA unless the S1G\_LONG Support field of the most recent S1G Capabilities element received from that STA contained a value of 1 and dot11S1GLONGOptionActivated is true.

***TGah editor: Replace “2 MHz Long Format” with “S1G\_LONG Support”from Figure 8-401dg.***

***TGah editor: Modify the following row in Table 8-191d:***

|  |  |  |
| --- | --- | --- |
| ~~2 MHz Long Format~~ S1G\_LONG Support | Indicates support for the reception of S1G\_LONG PPDUs ~~with 2MHz Long Format~~.See 24.3.2 (S1G PPDU format). | Set to 0 if not supported.Set to 1 if supported. |