IEEE P802.11
Wireless LANs

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| 802.11 TGmb Some Proposed SB5 Resolutions |
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Abstract

This document presents some proposed resolutions to comments on the 4th recirculation sponsor ballot of REVmb.

# Comments

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| 14246 | 3 | 14.37 | There must be some "container" that further identified a given mesh BSS. This definition uses the term "self-contained" without explaining what that means. | Add something about Mesh ID, or a discussion of the mesh STAs within a Mesh BSS all being reachable from each other (via some mesh path?) or something similar, to better define the extent of a given, particular mesh BSS. |
| 14249 | 4.3.15.3 | 63.28 | What is a "backhaul"? | Replace "backhaul" with "DS". Perhaps this needs to include "Portal" too? |
| 14250 | 4.3.15.4 | 65.05 | Can Figure 4-8 show the "backhaul" that was mentioned in 4.3.15.3? That would help | Add (or change existing items) to show a Mesh acting as a DS/"backhaul" |
| 14251 | 4.3.15.4 | 66.07 | Figure 4-9 should show the "device" that is being described. There are lots of devices in this diagrram. | Draw a dotted-line box around the mesh STA and AP (probably encompasing the DS, too) |
| 14252 | 4.3.15.4 | 65.62 | "The configuration of a mesh gate that is collocated with an access point allows the utilization of the mesh BSS as a distribution system medium." This isn't obvious. (Figure 4-9 is not a mesh DS, for example.) Infrastructure BSSs can't be the DS. That a MBSS can be is quite important, and needs further discussion. Figures 4-8 and 4-9 don't cover it. | The concept of a Mesh BSS acting as a DS for infrastructure BSS(s) needs another Figure, with both mesh end-stations and mesh as a DS for an infrastructure BSS, combined, perhaps? Also, text in 4.3.15.5.10 on this topic would be good. |
| 14255 | 4.5.2.1 | 72.45 | This text says that Figure 4-8 shows how a mesh might be (part of) a DS. But, Figure 4-8 does not show that. | Add (or change existing items) in Figure 4-8 to show a Mesh acting as a DS/"backhaul" |

# Proposed Resolutions

**CID 14246** REVISED. Change the definition to "**mesh basic service set (MBSS):** A basic service set (BSS) that forms a self-contained network of mesh stations (STAs) that use the same mesh profile. An MBSS contains zero or more mesh gates, and can be formed of STAs that are not in direct communication."

**CID 14249** REVISED. Change "a mesh BSS might have interfaces to external networks and can be utilized as a backhaul for infrastructure BSSs." to "a mesh BSS might have interfaces to external networks and can be a DSM for infrastructure BSSs."

**CIDs 14250**, **14251, 14252, 14255:**

Replace Figure 4-8 with (not including the green arrow, it is to show the change):



Replace Figure 4-9 with:

