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 may be formed over multiple instances of wireless media."

**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 (no including the green arrow, it is to show the change):



Replace Figure 4-9 with:

