IEEE P802.11
Wireless LANs

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| Clarification to 11ad BSS Type definition |
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Abstract

This submission resolves an inconsistency between the definition of the BSS Type field and the description in the corresponding table. There is no CID associated with this change.

The discussion is in reference to Draft P802.11REVmc\_D2.6.

**Discussion**: There is an inconsistency between the definition of the BSS Type field in 8.4.1.146 and the table that lists its possible values. Need to reconcile the definition and the table. In particular, it is possible to reuse the value of BSS Type=1 to also apply for the case when the BSS is not yet formed (i.e., no BSS) – there are no identified negative side effects of this usage and it saves the Reserved bit for the future.

**Proposed change:**

**8.4.1.46 DMG Parameters field**

***Change the second paragraph as follows***

The BSS Type subfield is defined in Table 8-63 (The BSS Type subfield(11ad)). An AP sets the BSS Type subfield to 3 within transmitted DMG Beacon, Probe Response, or (Re)Association Response frames. A PCP sets the BSS Type subfield to 2 within transmitted DMG Beacon, Probe Response, or (Re)Association Response frames. A STA within an IBSS or a STA that is not a member of a BSS sets the BSS Type subfield to 1 within transmitted DMG Beacon or Probe Response frames.

***Change Table 8-63 as follows***

**Table 8-63—The BSS Type subfield**

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| --- | --- | --- |
| **Subfield value** | **BSS Type** | **Transmitted by DMG STA** |
| 3 | Infrastructure BSS | AP |
| 2 | PBSS | PCP |
| 1 | IBSS or no BSS | Any non-AP and non-PCP DMG STA |
| 0 | Reserved |  |