IEEE P802.11  
Wireless LANs

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| Correction Needed for PICS CF10 | | | | |
| Date: 2015-11-12 | | | | |
| Author(s): | | | | |
| Name | Affiliation | Address | Phone | email |
| Michael Fischer | Freescale Semiconductor | San Antonio, TX, USA | +1-210-240-4096 | maf88@mac.com |
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Abstract

The PICS entry for CF10 in REVmc Draft 4.3 does not reflect the set of changes pertaining to this entry from 802.11ac, 802.11ad, and 802.11af. This presentation proposes text for CF10 to incorporate this full set of amendments being incorporated by REVmc.

1) The PICS entry for CF10 in 802.11-2012 is:



This entry has been updated by three amendments being incorporated into the base standard by REVmc:

2) 802.11ac-2013 contains:



3) 802.11ad-2012 contains:



4) 802.11af-2013 contains:



5) The above suggest that the entry for CF10 in REVmc should include dependencies as follows:

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| --- | --- | --- | --- | --- |
| \*CF10 | Spectrum management | 8.4.1.4 (Capability Information field), 10.8 (TPC procedures), 10.9 (DFS procedures) | (CF6 OR CF16 OR CF25 OR CF29 OR CF30):O | Yes No |

6) Whereas, the PICS entry for CF10 in REVmc Draft 4.3 omits the depenencies:



Based on annotations in document 12/1345r4 (in particular, a comment by Mark Rison dated 2015-05-02 at 14:53 stating “we had previously agreed that the SM can be used in 2G4”), it appears that removal of the dependencies was intentional. However, all explicitly defined uses of SM are with PHYs that employ OFDM, whereas an unconstrained “O” for CF10 also permits SM with DSSS and/or HR PHYs. Accordingly, I recommend that the PICS entry for CF10 be changed to the one shown above in (5). Note that, based on the statement in 12/1345r4 regarding the acceptability of using SM in the 2.4GHz band, this proposed change includes “CF16” rather than “CF16.2” as appears in 802.11ad-2013 (where CF16 was split into 16.1 and 16.2).