IEEE P802.11  
Wireless LANs

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| Comment resolution on ppm | | | | |
| Date: 2018-04-12 | | | | |
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##### This submission presents proposed resolution for the following 24 CIDs: 1196, 1197, 1198, 1199, 1200, 1201, 1202, 1203, 1204, 1205, 1206, 1207, 1208, 1209, 1210, 1211, 1212, 1213, 1214, 1215, 1216, 1217, 1218, and 1219.

##### Revision history:

##### R0 – initial version

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| CID | Clause | Page | Line | Comment | Proposed Change |
| 1196 | 11.1.3.9 | 1944 | 54 | Clause 3.4.8 of IEEE Std SI 10 explains "Avoid, however, the abbreviations ppm for parts per million and ppb for parts per billion." | Replace ppm with 10^-6. |
| 1197 | 11.37 | 2271 | 34 |
| 1198 | 15.4.5.6 | 2642 | 49 |
| 1199 | 15.4.5.7 | 2642 | 53 |
| 1200 | 16.3.7.5 | 2672 | 37 |
| 1201 | 16.3.7.6 | 2672 | 41 |
| 1202 | 17.3.9.6 | 2710 | 38 |
| 1203 | 17.3.9.6 | 2710 | 45 |
| 1204 | 17.3.9.6 | 2710 | 47 |
| 1205 | 17.3.9.6 | 2710 | 40 |
| 1206 | 18.1.3 | 2726 | 19 |
| 1207 | 18.4.7.4 | 2733 | 12 |
| 1208 | 18.4.7.5 | 2733 | 18 |
| 1209 | 18.4.7.5 | 2733 | 21 |
| 1210 | 19.3.18.4 | 2814 | 33 |
| 1211 | 19.3.18.6 | 2815 | 18 |
| 1212 | 20.3.3.2.1 | 2849 | 60 |
| 1213 | 20.3.3.3 | 2850 | 9 |
| 1214 | 20.3.3.2.2 | 2850 | 3 |
| 1215 | 21.3.17.3 | 2988 | 45 |
| 1216 | 22.3.17.3 | 3065 | 53 |
| 1217 | 22.3.17.3 | 3065 | 58 |
| 1218 | 23.3.16.3 | 3174 | 55 |
| 1219 | B.4.9 | 3306 | 6 |

***Discussion:***

The following is a summary of what the Task Group has discussed on April 6 (c.f., 18/0612r0):

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| 1.5.4.2 See CID 1196 (Editor)  1.5.4.2.1 Proposed Change “Change “ppm” with “10^6””  1.5.4.2.2 The “ppm” occurs 24 times.  1.5.4.2.3 Neither the Editorial and Style Guidelines address the issue, and if we make this change we would need to update the guidelines.  1.5.4.2.4 Another check also found possibly 34 instances…need to verify.  1.5.4.2.5 There is use on page 1009 Which has a file type (mapping file type) reference, and is not really an issue.  1.5.4.2.6 Discussion on the possible substation and whether it was worth the making the change.  1.5.4.2.7 For the instance on p1009, it should be all caps…editorial issue if it is to be changed. – PPM would be Portable Pixal Map, and the table has mixed capitalization states. Leave it to Editor to check  **1.5.4.2.8 Not a lot of support for changes.** |

***Proposed resolution:***

**Rejected**

There are many elements of convention that are not addressed in the IEEE-SA Style guide and IEEE Std SI 10 where we benefit from consistency in IEEE 802.11.

There are also elements of style in IEEE 802.11 that fail to comply with the IEEE-SA Style guide. The fact that IEEE 802.11 amendments have been through IEEE-SA publication editing and approved multiple times shows that strict consistency to the IEEE-SA Style Guide and IEEE Std SI 10 is not a requirement of the IEEE-SA standards development process.