IEEE P802.11
Wireless LANs

|  |
| --- |
| TGah D0.1 Comment Resolution on PHY |
| Date: 2013-07-18 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Shusaku Shimada | Schubiquist Technologies Guild | 1-28 Nishiarai Chuoshi-city Yamanashi, 409-3802 Japan |  | shusaku@ieee.org |

Abstract

This document provides comment resolution for TGah Draft 0.1 Comment Collection 9 with CID:800.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions in the TGah Draft to delete a sentense in term of partial TSF timer accuracy. This introduction is not part of the adopted material.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **CID** | **P** | **L** | **Cl** | **Submission** | **Comment** | **Proposed Change** | **Resolution** |
| 800 | 166.00 | 14 | 10.1.3.7.a.3 | 11-13/0912r0 | Clarify the meaning of the accuracy of +/-0.01%. with respect to the last 4 bytes of the TSF. | +/-0.01% with respect to the TSF is a accuracy, i.e. absolute error band. In general, +/-0.01% with respect to the last 4 bytes of the TSF means a relative error band and can be a worst drift rate. This allows much worce absolute accuracy than +/-0.01% as TSF. If this is correct, descibe explicitly. | Reviced. To avoid unnecssary accuracy specification, delete the sentence which is “The accuracy of the TSFtimer shall be no worse than ±0.01% with respect to the last 4 bytes of the TSF.” |

**Discussion:***The commenter of CID800 states two things; one is an ambiguity in term of TSF timer accuracy at last 4 bytes without any defined term of period, which means quite a low worst drift rate (high long term accuracy), and the other is a concern of low quality short term accuracy of TSF timer. Submission 11-13/0912r0 clarifies why the short beacon requires no additional parrtial accuracy specification and this standard should be simplified withiout any substantial defects.*