### IEEE P802.11Wireless LANs

|  |
| --- |
| 11ba D4.0 MAC Comment Resolution for WUR Duty Cycle |
| Date: 2019-10-28 |
| Author(s): |
| Name | Affiliation | Address | Phone | email |
| Po-Kai Huang | Intel Corporation | 2200 Mission College Blvd, Santa Clara, CA 950542200  |  | po-kai.huang@intel.com |
|  |  |  |  |
|  |  |  |  |  |

Abstract

This submission proposes resolutions for comments of TGba Draft D4.0 with the following CIDs:

4018

Revisions:

* Rev 0: Initial version of the document.
* Rev 1: Revision based on comments received offline.
* Rev 2: Revision based on the discussion in the teleconference call.

Interpretation of a Motion to Adopt

A motion to approve this submission means that the editing instructions and any changed or added material are actioned in the TGba D4.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGba D4.0 Draft (i.e. they are instructions to the 802.11 editor on how to merge the text with the baseline documents).***

***TGba Editor: Editing instructions preceded by “TGba Editor” are instructions to the TGba editor to modify existing material in the TGba draft. As a result of adopting the changes, the TGba editor will execute the instructions rather than copy them to the TGba Draft.***

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 4018 | Bo Sun | 22.22 | 3.2 | "wake-up (WUR) duty cycle period" and "wake-up radio (WUR) duty cycle schedule" are defined by each other, therefore both definitions are unclear. An atom conception is the on period in a duty cycle period which should be used to define the two terms. | Modify the definition of "wake-up (WUR) duty cycle period" and "wake-up radio (WUR) duty cycle schedule" with an atom conception, avoiding definition by each other. | Revised – Agree in principle with the commenter.We simply delete WUR duty cycle period in the definition of WUR duty cycle schedule. We also change “WUR duty cycle schedule” to “WUR duty cycle service period” since the usage of “on duration” itself may have problem due to the confusing usage of “on”.TGba editor to make the changes shown in 11-19/1793r2 under all headings that include CID 4018. |

**Discussion:** *None.*

***TGba editor: Change 3.2 Definitions specific to IEEE Std 802.11 as follows (track change on):***

3.2 Definitions specific to IEEE Std 802.11

***Insert the following definitions maintaining alphabetical order:***

**wake-up radio (WUR) duty cycle period:** The interval between the starting time of two successive WUR
duty cycle service periods. (#4018)

**wake-up radio (WUR) duty cycle service period:** A period of time of an established WUR duty cycle operation during which one or more WUR frames can be transmitted to the WUR non-AP STA that has negotiated the WUR duty cycle operation. (#4018)

***TGba editor: Change “on duration” to “WUR duty cycle service period” across the spec except 3.2.(#4018)***

***TGba editor: Change “On Duration” to “WUR Duty Cycle Service Period” in Figure 9-780j and change the name correspondingly across the spec. (#4018)***

***TGba editor: Change “WUR duty cycle schedule” to “WUR duty cycle service period” across the spec. (#4018)***