### IEEE P802.11Wireless LANs

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| 11ba D3.0 MAC Comment Resolution for WUR Beacon and Synchronization Part II |
| Date: 2019-07-03 |
| 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 |
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Abstract

This submission proposes resolutions for comments of TGba Draft D3.0 with the following CIDs:

3029

Revisions:

* Rev 0: Initial version of the document.

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 D3.0 Draft. This introduction is not part of the adopted material.

***Editing instructions formatted like this are intended to be copied into the TGba D3.0 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.***

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| **CID** | **Commenter** | **P.L** | **Clause** | **Comment** | **Proposed Change** | **Resolution** |
| 3029 | Gaurav Patwardhan | 109.32 | 19.6.1 | Non-AP WUR STA should invoke recovery procedures on loss of WUR beacon. This is required to support usage model numbers 2 and 7 from the usage model document (11-17-0029-10-00ba-wur-usage-model-document.pptx). | Add the following sentence at the line number: "And on not receiving WUR Beacon for dot11WURBeaconPeriod, the WUR non-AP STA shall invoke WUR scanning, unsolicited Wakeup or similar other procedure(s) using available WUR operational parameters based on latest negotiated WUR mode. Exact procedure(s) is/are implementation dependent." | Revised – Agree in principle with the commenter. After discussion with the commenter, we add the following sentence to the spec. *A WUR non-AP STA that is in WUR mode and doze state should invoke WUR scanning, unsolicited wake-up, or any implementation specific methods, which is out of scope of this standard, if the WUR non-AP STA does not receive WUR Beacon for a time period. The methods by which a WUR non-AP STA determines the exact value of the time period are implementation specific and out of scope of this standard.(#3029)* TGba editor to make the changes shown in 11-19/1124r0 under all headings that include CID 3029 |

**Discussion:** *None.*

**Propose:** Revised for CID 3029 per discussion and editing instructions in 11-19/1124r0.

***TGba editor: Change 29.6.1 General as follows:***

**29.6 Maintaining synchronization**

**29.6.1 General**

A WUR non-AP STA that is in WUR mode expects to receive WUR Beacon frames every dot11WURBeaconPeriod.

NOTE—A WUR STA’s TSF timer has the same TSF timer accuracy requirement, which is accurate to within ±100 ppm, defined in 11.1.3.9 (TSF timer accuracy) for a non-DMG STA.

A WUR non-AP STA that is in WUR mode and doze state should invoke WUR scanning, unsolicited wake-up, or any implementation specific methods, which is out of scope of this standard, if the WUR non-AP STA does not receive WUR Beacon frames for a time period. The methods by which a WUR non-AP STA determines the exact value of the time period are implementation specific and out of scope of this standard.(#3029)

(…existing texts…)