**IEEE P802.19**

**Wireless Coexistence**

|  |  |  |
| --- | --- | --- |
| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **Contribution for Comment Resolution, 2nd Recirc CID 58 and 60** | |
| Date Submitted | March 25, 2020 | |
| Source | Benjamin A. Rolfe Blind Creek Associates P.O. Box 798  Los Gatos, CA, USA 95031 | Voice: (408) 395 7207  E-mail: ben.rolfe @ ieee.org |
| Re: | Initial Working Group Ballot Comment resolution | |
| Abstract | Text and tables to support proposed resolutions to ballot comments, 2nd Recirc CID 58 and 60 | |
| Purpose | [Resolve comments in WG recirculation ballot] | |
| Notice | This document has been prepared to assist the IEEE P802.19. It is offered as a basis for discussion and is not binding on the contributing individual(s) or organization(s). The material in this document is subject to change in form and content after further study. The contributor(s) reserve(s) the right to add, amend or withdraw material contained herein. | |
| Release | The contributor acknowledges and accepts that this contribution becomes the property of IEEE and may be made publicly available by IEEE P802.19. | |

# Normative References

Proposed resolution:

Move references IEEE Std 802.15.4e, IEEE Std 802.15.4u, IEEE Std 802.15.4v and IEEE Std 802.15.4x to the bibliography (Annex B). In clause 9.2.2.5 change “TDMA based transmission” with “TDMA based transmissions as defined in IEEE Std 802.15.4-2015”.

Explanation:

The following normative references listed in Clause 2 are properly sited:

|  |  |
| --- | --- |
| Reference | Cited in |
| IEEE Std 802.11 | Clause 8 and 9 by reference to 802.11ah which is an amendment thus requires the base standard to be understood. |
| IEEE Std 802.11ah | Cited in clause 8 and 9 many times |
| IEEE Std 802.15.4g | Cited many times in clause 8 and 9 |
| IEEE Std 802.15.4-2011 | Cited in clause 9.3.10 |
| IEEE Std 802.15.4s | Cited in 9.2.1 |

Need a citation added or other remedy:

|  |  |
| --- | --- |
| Reference | Comment |
| IEEE Std 802.15.4e | In clause 9 we refer to use of TDMA based transmission. The most commonly TDMA used with 15.4g is TSCH, which is introduced in 4e. We include 802.15.4-2015 which includes both 4g and 4e. Suggest we remove 4e from clause 2 and where we reference TDMA add citation to 15.4-2015.  9.2.2.5 change “TDMA based transmission” with “TDMA based transmissions as defined in 802.15.4-2015” |
|  |  |

The following are not cited in normative context and should be moved to the bibliography

|  |  |
| --- | --- |
| Reference | Cited in |
| IEEE Std 802.15.4e | Cited in clause 4 which is informative. Not cited in normative context (i.e. we don’t specifically call out using 4e features) |
| IEEE Std 802.15.4u | Cited only in clause 4 which is an overview (informative context) |
| IEEE Std 802.15.4v | Cited only in clause 4 which is an overview (informative context) |
| IEEE Std 802.15.4x | Cited only in clause 4 which is an overview (informative context) |
|  |  |

# Revised Definition: Coexistence Mechanism

Proposed resolution: change the definition of Coexistence mechanism in clause 3.1 to:

Coexistence mechanism: A means to improve performance, resilience and reliability of systems operating simultaneously in a given shared environment, at the same time, in the same physical space and within the same frequency band or overlapping frequency bands.