**IEEE P802.19**

**Wireless Coexistence**

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| Project | IEEE P802.19 Wireless Coexistence WG | |
| Title | **Recommended Text on 802 Coexistence Process** | |
| Date Submitted | April 1, 2019 | |
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| Re: | [] | |
| Abstract | [] | |
| Purpose | [] | |
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**Recommended Modifications to the IEEE 802 Operations Manual**

Make the Following Edits in the IEEE 802 Operations Manual

13. Procedure for coexistence assessment

If indicated in the five criteria, the wireless WG shall produce a coexistence assessment (CA)

document in the process of preparing for WG letter ballot and Sponsor ballot. The CA document

shall accompany the draft on all wireless WG letter ballots.

The CA document shall address coexistence with all relevant active IEEE 802 LMSC wireless

standards specifying devices for unlicensed operation. The WG should consider other

specifications in their identified target band(s) in the CA document.

The IEEE 802.19 WG shall have one vote in WG letter ballots that include CA documents. As

part of its ballot comments, the IEEE 802.19 WG will verify the CA methodology was applied

appropriately and reported correctly.

The ballot group makes the determination on whether the coexistence necessary for the standard

or amendment has been met.

14.1.2 Coexistence

A WG proposing a wireless project shall demonstrate coexistence through the preparation of a

Coexistence Assessment (CA) document unless it is not applicable.

a) Will the WG create a CA document as part of the WG balloting process as described in

Clause 13? (yes/no)

b) If not, explain why the CA document is not applicable

**Recommended Text for the IEEE 802 LMSC Chair’s Guidelines and EC Policy Decisions**

Add the following to the IEEE 802 LMSC Chair’s Guidelines and EC Policy Decisions document,

**Scope of the Coexistence Assessment Document**

The coexistence assessment (CA) document should include a list of the active IEEE 802 wireless standards operating in the same frequency bands as the new standard under development. The CA document may also include a list of other standards or specifications, outside of IEEE 802, which operate in these frequency bands.

The CA document should include a description of the use cases for these active standards as well as the use cases of the standard under development.

The CA document should include a description of the coexistence assessment criteria being used in the CA document.

As part of the coexistence assessment the CA document should consider the transmit power, bandwidth and duty cycle.

The CA document should describe any built-in coexistence mechanisms that improve coexistence with other wireless standards.