**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 | September 16, 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. 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. The IEEE 802.19 WG evaluates the CA document, and submits comments on the CA document to the WG letter ballot.

14.1.2 Coexistence

A WG proposing a wireless project shall prepare 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**

This section describes the scope of the coexistence assessment (CA) document referred to in Section 13 of the IEEE 802 Operations Manual.

The CA document shall 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 should also include a list of market-relevant standards outside of IEEE 802, which operate in these frequency bands. The CA document may include a list of the active IEEE 802 wireless standards operating in adjacent frequency bands.

The CA document should:

* Include an assessment of the impact on coexistence on the identified standards
* Consider aspects such as: transmit power, bandwidth, duty cycle, channel access methods and proximity
* Identify the potential impact of the systems based on the proposed standard on the other identified standards using the same bands, and impacts other systems may have on the proposed standard
* Describe the methods used to determine coexistence impacts and performance
* Include a description of mitigating factors which reduce the coexistence impacts
* Identify mechanisms or characteristics of the proposed standard that are available to improve coexistence performance

If the CA document does not include the above six points then the CA document shall state why it was not included.