



June 21, 2024

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(Submitted by email)

Subject: RSS-123, Draft Issue 5

Dear Josette Gallant,

In April 2024, the Department requested that RABC review draft issue five of Radio Standards Specification (RSS) -123, – *Wireless Microphones and Wireless Multichannel Audio Systems*. The Board assigned the review of the standard to the Broadcasting Committee. The Committee held one meeting to review the proposed changes to the standard, during which feedback was provided to the Department.

RABC has completed its review of the draft and offers the following recommendations.

In Section 4, *Definitions*, please add for clarity reference to audio return feeds to the definition of Wireless microphone (addition bolded).

A radio apparatus that combines a microphone with a radio transmitter. For the purpose of this standard, the term “wireless microphone” also includes cue and control communications, **audio return feeds such as In-ear monitoring (IEM)** and synchronization of video camera signals.

In Section 5.2, *Transmitter power, frequency bands, authorized bandwidths and frequency stability limits*, the Board understands that WMAS may operate in various modes, however it must also have a mode in which it is capable of transmitting at least three audio channels per megahertz. It is therefore recommended that the word “shall” be changed to “must” in the last sentence of Section 5.2 (changes bolded):

WMAS ~~shall~~ **must** have a mode of operation in which it is capable of transmitting at least three audio channels per megahertz.

In addition, at the request of the Department, RABC placed the draft update to RSS-123 on its website to facilitate comments from Canada's World Trade Organization (WTO) partners. The Board received one comment via the WTO portal which was forwarded to the Department for consideration.

The Board has now completed its review. We appreciate having had the opportunity to review the updates to this standard.

Sincerely,



J. David Farnes
General Manager