

Attention: Ed Frazer VE7EF

Information Update for the BCARCC Annual General Meeting

ISED has a renewed focus on innovation as well as compliance and enforcement.

Compliance & Enforcement

Possession and use of Uncertified Two-Way Radios – ISED has noted concerns regarding the availability of uncertified two-way radio and has dealt with several cases involving the use of those radios. Two-way radios using frequencies in the VHF and UHF bands must be certified and comply with RSS-Gen – *General Requirements for Compliance of Radio Apparatus* and RSS-119 – *Land Mobile and Fixed Equipment Operating in the Frequency Range 27.41-960 MHz*.

If a radio is capable of operating outside the amateur bands, it needs to be certified for use in Canada and must be licenced. Radios that are hardware restricted within the amateur bands do not require certification or licence. However, amateur radio certificate is required for that type of use.

There is an FAQ on radio equipment certification. https://www.ic.gc.ca/eic/site/ceb-bhst.nsf/eng/h_tt00051.html. See appendix for excerpts of the more pertinent questions.

Radio communication interference – A reminder to the community that while the amateur service and spectrum was created to encourage and foster the love for radio communication and experimentation in the area, it is important for those activities to stay strictly within the amateur bands. There was a recent radio interference that affected the use of a local aeronautical frequency. As one can presume, this could have resulted in tragic consequences. The offending source was traced to a registered amateur. It may have been a mistake or oversight but we implore any experimental gear to transmit only within the designated band as ISED do not wish to employ any enforcement actions against the community.

Jammers –Broadband jammers are increasingly being used to interfere with communications in several bands, and are readily available over the internet from suppliers. It is illegal to import, sell, distribute, possess or operate a jammer in Canada. Recently, ISED successfully prosecuted an individual for possession of a jammer, resulting in a fine of over \$1000. If you become aware of a jammer or its use, please contact your local ISED office immediately.

Antenna Support Structures

Amateur radio operators with antenna support structures should continue to follow the requirements in CPC 2-0-03, and note that they must follow local Land Use Authority bylaws and requirements even if exempted, and under 15m antenna height. It is also good practice to consult with neighbours prior to erecting antennas which may be objected to.

Visit our Spectrum web site: https://sms-sgs.ic.gc.ca/eic/site/sms-sgs-prod.nsf/eng/h_00010.html

Thank you for the opportunity to provide an update to the BCARC Council on matters related to amateur radio.

73

Russ Hamilton

Spectrum Management Officer

VE7RWX

District Staffing

Bernie Ries - District Manager, Coastal District (Victoria)

Arthur Lo - District Manager, Coastal District (Surrey)

Russ Hamilton – District Manager, Coastal District (Surrey)

Mike Amyotte - District Manager, Interior BC and Yukon District (Kelowna)

Brad Davis - District Manager, Interior BC and Yukon District (Prince George)

Appendix

How do I know a product I purchased is certified for Canada?

All certified radio products are listed in [Radio Equipment List](#) (REL). You can search the product with various parameters such as the model number or certification number. For details, see [RSP-100](#) for labeling requirements.

Where can the Canadian technical requirements (standards) for radio equipment be found?

The list of [radio standards](#) is found on the ISED website.

Is Canadian radio certification required if the device complies with foreign requirements such as FCC?

Yes, Canadian equipment certification is required. All radio equipment intended for Canada shall meet requirements of Canadian procedures and technical standards.

If no Canadian standard exists, how is radio equipment certification obtained?

Certification will not be issued until an applicable standard has been promulgated. Please verify as to the release of radio standards with the manager of equipment standards using the [General Inquiry](#) form.

What is required if we modify certified equipment?

When certified equipment is modified, the extent of the modifications will determine the required actions for the client. If the product modifications require notification to ISED, then a reassessment application is required to be submitted. The requirements for reassessment application are provided in detail in the [RSP-100](#).

Inquiries concerning radio standards may be directed to:

Manager, Radio Equipment Standards
Innovation, Science and Economic Development Canada
300 Slater Street
Ottawa, ON K1A 0C8
Tel: 613-990-4699
Fax: 613-990-3158
Or can be submitted using the [General Inquiry](#) form.

Visit our Spectrum web site: https://sms-sgs.ic.gc.ca/eic/site/sms-sgs-prod.nsf/eng/h_00010.html

Inquiries concerning equipment certification matters should be directed to:

Certification and Engineering Bureau
Innovation, Science and Economic Development Canada
3701 Carling Avenue (Building 94)
P.O. Box 11490, Station "H", Ottawa, ON K2H 8S2
Tel: 613-990-4218
Fax: 613-990-4752
Email: ic.certificationbureau-bureauhomologation.ic@canada.ca

Or can be submitted using the [General Inquiry](#) form.

Inquiries concerning licensing requirements should be directed to your

Local Innovation, Science and Economic Development Canada office (see [document RIC-66](#)).