



May 27, 2020

BC Amateur Repeater Coordination Council
Attention: Ed Frazer VE7EF

Information Update for the BCARCC Annual General Meeting

Amateur Radio Repeater Call Signs

ISED requires land stations in all services be assigned specific call signs. Multiple repeaters on the same site may use the same call sign. Repeater on different sites must use separate call signs.

The application for a call sign intended to be used for an amateur radio automatic repeater station operating above 30 MHz must be made by a holder of an Amateur Radio Operator Certificate with Advanced Qualification.

A holder of an Amateur Radio Operator Certificate with Basic Qualification may apply for a call sign intended to be used for an amateur radio digital repeater on frequencies above 30 MHz.

If the repeater is to transmit on frequencies below 30 MHz, the applicant must be the holder of an applicable Morse code qualification.

Amateur Radio Communications

ISED has received complaints regarding some individuals abusing their operating privileges. Under section 47 of the Radiocommunication Regulations, Amateur radio operators should not engage in communications that include the transmission of music, commercially recorded material, programming that originates from a broadcasting undertaking or communications in support of industrial, business or professional activities.

Interference from Power Line Distribution Networks

Certain faults in the power line distribution network can generate radio interference that may affect communications in the amateur radio bands. If after investigation and elimination of internal sources, should you determine that the power line distribution network is the cause, you may contact the electric distribution company to request service to resolve interference.

Contact for BC Hydro: PowerQuality@bchydro.com

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 and Strata bylaws even if an exclusion from consultation applies under CPC 2-0-03. It is a good practice to consult with neighbours prior to erecting antennas to address any reasonable and relevant concerns.



Enforcement & Compliance

Jammers - Recently, ISED provided assistance to a law enforcement agency in identifying a jammer that was designed to interfere with vehicle keyless entry systems and remote controllers commonly used for garage door openers. Under the *Radiocommunication Act* it is illegal to install, use, possess, manufacture, import, distribute, lease, offer for sale or sell a jammer. If you become aware of a jammer or its use, please contact your local ISED office.

Uncertified radios – ISED was notified of several businesses using uncertified radios. ISED investigated and found these radios do not conform to existing standards and had been in operation without an authorization on commercial land mobile frequencies. These radios are capable of causing interference to authorized users of the spectrum. Upon notice, these radios were voluntarily surrendered to ISED.

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

73

Kasun Somaratne
Spectrum Management Officer
VA7AGI

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)

Visit our Spectrum web site:

<http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/home>