

Radio Amateurs of/du Canada Inc.

Canada's National Amateur Radio Society

"We're ALL about Amateur Radio!"



The Amateur Radio Emergency Service

NATIONAL HF EMCOMM FREQUENCIES

The following frequencies and modes have been pre-determined for suggested use of the Amateur Radio Emergency Service during a declared emergency, or a disaster declared or otherwise, occurring anywhere in Canada. These frequencies have been registered with the International Amateur Radio Union (IARU) for its listings of Canadian national emergency frequencies in [IARU Region 2](#).

These are suggested frequencies and should not be construed as meaning that other HF frequencies may not be considered for Emcomm operations.

No Amateur Radio operator or group has exclusive ownership of any particular frequency on any band and, while common sense and courtesy logically would dictate that other Radio Amateurs should keep clear of frequencies being used for emergency or disaster operations, the affected ARES Net Control Station (NCS) must be prepared to move up or down from the pre-determined frequency, as required, in order to conduct operations. Entering into an on-air argument must be avoided.

<u>SSB Frequencies</u>	<u>Tactical</u>	<u>CW Frequencies</u>	<u>Tactical</u>	<u>Digital Frequencies</u>	<u>Tactical</u>
75 M - 3.675 MHz LSB	Alfa	80 M - 3.535 MHz	Golf	80 M - 3.596 MHz	Mike
40 M - 7.135 MHz LSB	Bravo	40 M - 7.035 MHz	Hotel	40 M - 7.096 MHz	November
20 M - 14.135 MHz USB	Charlie	20 M - 14.035 MHz	India	20 M - 14.096 MHz	Oscar
17 M - 18.135 MHz USB	Delta	17 M - 18.075 MHz	Juliett	17 M - 18.096 MHz	Papa
15 M - 21.235 MHz USB	Echo	15 M - 21.035 MHz	Kilo	15 M - 21.096 MHz	Quebec
10 M - 28.235 MHz USB	Foxtrot	10 M - 28.035 MHz	Lima	10 M - 28.096 MHz	Romeo

The frequencies may also be used during a local ARES exercise or for RAC/ARRL [Simulated Emergency Test](#) (SET) operations held annually each Fall, provided such operations do not interfere with those of higher priority.

Each frequency has been given a tactical designation, using the phonetic alphabet, to facilitate quick change to another pre-determined frequency and/or mode by simply indicating the designation. Use of the tactical designations, while optional, is encouraged.

In all cases, these frequencies must be considered as being "plus or minus" to allow for QRM or other conditions impeding useful communications.

Should two or more ARES units wish to use a frequency at the same time for a simulated emergency exercise, consideration should be given to making the exercise "joint" and to work together. Failing that, the frequency should go to the ARES group that first began operations there. Of course, if a real emergency should occur during the exercise and the frequency is required, the unit conducting the exercise is

expected to cease transmissions immediately, relinquish the frequency and stand by in case assistance is requested.

Constructive comments and suggestions concerning this list are encouraged.

To submit comments, or for further information, please [contact the RAC National Emergency Coordinator](#) or the [Vice President for Field Services](#).

Current Geomagnetic Activity

Solar X-rays:

NORMAL

Geomagnetic Field:

QUIET

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[RAC Field Organization](#)