

British Columbia Amateur Radio Coordination Council

Two-metre Band Plan "A"

(for South-Western BC, Vancouver Island, BC Interior)

(For areas adjacent to Alberta, the Yukon and Alaska, see Plan "B")

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Revised May 2015 following decisions of BCARCC AGM of 2003 and 2014. Refer to website www.bcarcc.org for updates.

Adapted from the RAC 2M Band Plan, to align with the WWARA band plan for Western Washington.

(Note: The **BOLD** frequencies are sequential.)

Frequencies Allocated			Functional Allocation
Output	Repeater Input	Simplex	
		144.000 - 144.100	Moonbounce and Terrestrial CW
		144.100	National CW Calling Frequency
		144.100 - 144.200	CW/SSB Weak Signal
		144.200	National SSB Calling Frequency
		144.200 - 144.275	AM Narrow-band Modes, Exclusive (including CW SSB, ACSSB and other modes having bandwidth less than 3 kHz, e.g., FAX, SSTV, RTTY)
		144.275 - 144.300	Propagation Beacon Network, Exclusive (Note 6)
		144.340	National ATV Coordination Frequency (Note 6)
		144.370 - 144.490	Digital, Group 1 (20 kHz interval) (bandwidth, ERP, coverage to be coordinated; operation on 144.310 MHz allowed if it does NOT interfere within propagation beacon sub-band) (Note 6)
		144.390	National APRS Frequency (Note 6)
145.110 - 145.190	144.510 - 144.590		Repeaters Group 1, (FM Repeaters Primary, Linear Translators Secondary) (-600, 20 kHz interval) *
145.210 - 145.490	144.610 - 144.890		Repeaters Group 2 (-600, 20 kHz interval) *
145.510 - 145.570	144.910 - 144.970		Digital Repeaters Group 2 (- 600, 20 kHz interval) (Note 7)
145.590	144.990		Low power APRS
145.010 - 145.090	145.610 - 145.690		Digital Repeaters, Group 1 (+600, 20 kHz interval) (Note 7)
145.110 - 145.190	144.510 - 144.590		Repeaters Group 1, (FM Repeaters Primary, Linear Translators Secondary) (-600, 20 kHz interval) *
145.210 - 145.490	144.610 - 144.890		Repeaters Group 2 (-600, 20 kHz interval) *
145.510 - 145.570	144.910 - 144.970		Digital Repeaters Group 2 (- 600, 20 kHz interval) (Note 7)
145.590	144.990		Low power APRS (Note 7)
145.010 - 145.090	145.610 - 145.690		Digital Repeaters, Group 1 (+600, 20 kHz interval) (Note 7)
		145.710 - 145.790	Digital, Group 3 (20 kHz interval)
		145.800 - 146.000	Amateur Satellite, Exclusive
146.620 - 146.980	146.020 - 146.380		Repeaters Group 3 (-600, 20 kHz interval)
(147.000)	(146.400)	146.400	FM Simplex, Orphan (alternate repeater input) (Note 4)
		146.415 - 146.595	FM Simplex, Group 1 (15 kHz interval)
		146.520	National FM Calling Frequency
146.620 - 146.980	146.020 - 146.380		Repeaters Group 3 (-600, 20 kHz interval)
147.000 - 147.380	147.600 - 147.980		Repeaters Group 4 (+600, 20 kHz interval)
(146.800)	(147.400)	147.400	FM Simplex, Orphan (alternate repeater input) (Note 4)
		147.420 & 147.435	Internet linked simplex, SNP (15 kHz interval) (Note 5)
		147.450 - 147.585	Internet linked simplex (15 kHz interval) (Note 5)
147.000 - 147.380	147.600 - 147.980		Repeaters Group 4 (+600, 20 kHz interval)

Notes:

- 1) This band plan applies only to southwestern BC, Vancouver Island and the adjacent mainland, and the BC interior west of the Rocky Mountains (wherever coordination with Alberta is not paramount).
- 2) For channelized sub-bands, unless otherwise stated the first frequency of a group is the carrier centre frequency of the first channel, and the last frequency of the group is the carrier centre frequency of the last channel.
- 3) For non-channelized sub-bands, operation anywhere in the sub-band, including band edges, is allowed.
- 4) The frequencies 146.400 MHz and 147.400 MHz are preferred as FM Simplex channels. In some cases, they may be coordinated as alternative inputs for repeaters with output on 147.000 MHz and 146.800 MHz.
- 5) Frequencies from 147.420 to 147.585 (15 kHz interval) have been classified for use by internet linked simplex operations. Operators are encouraged to use minimum output power, and to load the sub-band from the highest frequency down, recognizing that operation on adjacent 15 kHz channels may not be feasible in the same coverage area. Experimentation is limited to the SNP channels. Some digital (packet) operations have operated in this frequency range for many years, and may continue to operate here for a reasonable but limited period of time, after which they are expected to move to one of the ranges assigned to digital operation.
- 6) The use of frequencies in the range 144.300 - 144.500 MHz is subject to non-interference with any active Amateur satellite (frequencies in that range used by active Amateur satellites will be posted on the BCARCC web site)
- 7) Users of frequencies in the range 145.500 - 145.800 MHz may experience conflict with "miscellaneous & experimental" users in Washington State, according to the WWARA 2m band plan.
https://www.wwara.org/WWARA_BAND_PLAN_2012_07_08.pdf

* The repeater channels transmitting on 145.130 MHz and 145.290 MHz are SNP (Shared, Non-Protected) channels. **Tone-coded squelch is mandatory for all SNP channels.**