

BCARCC COORDINATORS' REPORT FOR 2019

The trends discussed at last year's AGM continue: The activity on repeaters in the greater Vancouver and Fraser Valley areas continue to be very low and the interest in VHF/UHF digital modes sees an increase.

Sixteen new repeaters went on air since last year's AGM: 9 FM repeaters in the North and one FM repeater in the Interior as well as 10 digital repeaters: 2 D-star, 3 Fusion, 1 NXDN, 1 P25 and 3 DMR. Eighteen FM repeaters were updated including 2 that were converted to DMR and 1 to MMDVM. A list of recent updates is shown below.

With increased interest in putting new repeaters on air comes the challenge of finding available frequencies. However, in some cases, prospective repeater operators have made us aware of unused coordinated frequencies where they know that the owner of a particular coordination is no longer active and that the coordinated repeater has been off the air for some time. This brings us to the most urgent challenge: identifying inactive repeaters and making their frequencies available to others: *Please let us know of any inactive repeaters so that the frequencies can be reused.*

We have made two changes to the information available on the website: The list of Yukon Territory repeaters is now available by clicking on a link to the YARA website. We believe this to be a more accurate source of information.

We have also eliminated the list of simplex nodes. This was brought about for several reasons:

1. Simplex frequencies are infrequently used and Hams are free to use any unused frequency. Therefore it is not possible for BCARCC to attempt to protect any simplex frequency for any one group.
2. Many simplex frequencies were registered for packet and Echolink nodes years ago. Few, if any, are still in operation.
3. In Western Washington, some frequencies in what we consider our 146 and 147 MHz simplex portions of the band have been coordinated for digital repeaters, making them less usable on this side of the border.
4. Standard simplex frequencies for APRS and Echolink have been established by their user base but are being used at any time and any location.

It is noteworthy that requests for new coordinations come primarily from small special interest groups who wish to experiment with new digital modes. This is a positive trend for our Hobby. Consequently, Ham Radio evolves from the cooperative work of all its participants. It is important to ensure that these groups become part of our Ham community. This work is progressive and exciting and should be encouraged.

Recent interest in the 1.2GHz band has made us aware that BCARCC has no official 1.2GHz band plan. After reviewing the ARRL plan as well as the RAC plan, we are proposing adopting the plan developed by the Western Washington Amateur Relay Association (WWARA). Reasons for this decision are, (1) Recently coordinated repeaters already comply with this band plan and (2) we need to maintain compatibility with our nearest neighbour.

In closing, I would like to emphasize that we need better communication with Hams throughout the Province. Alan Nourse VE7MET of Kelowna has done a great job keeping in touch with clubs and Hams in the Interior. He has successfully contacted some owners and completed many overdue repeater updates. He will continue the program as time and opportunity permit. Rob Kuse VE7BKU of North Vancouver is monitoring and coordinating repeater issues in the Lower Mainland. We thank both of them for their on-going work.

But we need better communication in other parts of the Province as well. Whether you are an official area coordinator or not, and you are aware of issues related to repeater coordination, talk to the people concerned and email us so that we can help. (The pay for this service is as good as it has always been :-))

Thank you for the opportunity to work with you. You can contact me any time at coordinator@bcarcc.org.

Respectfully submitted,
 George Merchant VE7QH
 Chief Coordinator



BRITISH COLUMBIA AMATEUR RADIO COORDINATION COUNCIL

For further information refer to www.bcarcc.org.
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Repeater List: Recent Updates

Last Updated: 9 May 2019

The following abbreviations are used:

- | | | | |
|-----|----------------------------|------|------------------------|
| a | Autopatch | c | Closed, limited access |
| l | linked or crossband system | o | Open repeater |
| pkt | packet | Digi | Digital repeater |
| t | CTCSS, Hz tone access | # | Uncoordinated |

NEW REPEATERS COORDINATED SINCE JUNE 2018

Rptr Xmit	Rptr Rec	Location	Call	Mode	Access	Sponsor
145.190	144.590	Prince George	VE7RES	D-STAR		PGARC
146.700	146.100	Prince George	VE7RES	FM	100.0Hz	PGARC
146.820	146.220	Mackenzie Morfee Mtn	VE7MKR	FM	100.0Hz	PGARC
147.090	147.690	Prince George - East	VE7RES	FM	100.0Hz	PGARC

147.260	147.860	Vancouver	VE7RNV	FM		NSARC
147.360	147.960	Nation Lakes	VA7RC	FM		PGARC
147.380	147.980	Vernon	VE7EGO	FM/C4FM		NORAC
					NAC	
440.425	445.425	Maple Ridge	VE7PTF	P25	\$293	David Grant
440.450	445.450	Burnaby	VE7WAR	NXDN		NorthFraser ARC
442.500	447.500	Vernon	VE7EGO	FM/C4FM		NORAC
442.550	447.550	Abbotsford	VE7RVA	DMR		FVARESS Squamish Emergency Program
443.850	448.850	Squamish	VA7WRP	DMR		Salish Sea Signallers
443.850	448.850	West Vancouver	VE7SLV	DMR		
444.275	449.275	Vernon	VE7RVN	FM	110.9Hz	NORAC
444.900	449.900	Nanaimo	VE7GFD	FM/C4FM	141.3Hz	Gabriola Emerg. Com. Soc.
1270.500	1290.500	Pitt Meadows	VA7YPK	D-Star		David Grant

REPEATERS UPDATED SINCE JUNE 2018

Rptr Xmit	Rptr Rec	Location	Call	Mode	Access	Sponsor
52.870	51.170	Duncan	VE7RNA	FM	141.3Hz	CVARS
145.330	144.730	Campbell River	VA7SRQ	FM		VA7SEC
145.430	144.830	Prince George	VE7RES	FM	100.0Hz	PGARC
145.490	144.890	Kelowna	VE7RBJ	FM	88.5Hz	OCARC
146.800	146.200	Vanderhoof	VE7RSM	FM	100.0Hz	PGARC
146.880	146.280	Vernon	VE7RSS	FM		NORAC
146.910	146.310	Red Rock	VE7RWT	FM	100.0Hz	PGARC
146.940	146.340	Prince George	VE7FG	FM	100.0Hz	PGARC
147.040	147.640	Vernon	VE7RIP	FM		NORAC
147.090	147.690	Prince George - East	VE7RES	FM	100.0Hz	PGARC
147.240	147.840	Kelowna	VE7RIM	FM		VE7JX
147.260	147.860	Vancouver	VE7RNV	FM		NSARC
147.360	147.960	Nation Lakes	VA7RC	FM		PGARC
224.040	222.440	Ladysmith	VA7DXH	FM	141.3Hz	VA7DXX
442.600	447.600	Kelowna	VA7MF	MMDVM	88.5Hz	VA7MF
443.850	448.850	West Vancouver	VE7SLV	DMR		Salish Sea Signallers
443.850	448.850	Whistler	VE7WRP	DMR		Whistler Emergency Program
927.6875	902.6875	Maple Ridge	VE7NFR	FM	114.8Hz	North Fraser ARC