

Our neighbouring provinces, Nova Scotia and New Brunswick also have numerous repeaters. Many of these repeaters can be linked using touch-tone (DTMF) keypads to form an extensive amateur radio Maritime network so that an individual ham may use their VHF or UHF handheld or mobile rig to talk to another ham anywhere in the region.

In addition to local nets, **Maritime nets** linking the PEI repeaters to Nova Scotia and New Brunswick repeaters occur on weekday mornings (Wake-Up Net) at 7:30am and the WestCumb Net on Monday evenings at 8pm (except July and August).

Cross-Canada nets, and nets operating around the world exist on HF frequencies as well as digital VHF and UHF modes using the Internet to link repeaters.



Charlottetown ARC's Purpose

- Furtherance and promotion of the social benefits and technical advancements of the radio arts
- To acquire, organize, establish and maintain facilities for social and emergency communication, both mobile and stationary.

Join Charlottetown ARC!

- Join us at a club meeting or on one of our on-the-air nets
- Follow us on our website or Facebook page
- Chat with CARC members on one of our repeaters
- Email any of the contacts listed on our website or Facebook page

Club Meetings: The Charlottetown Amateur Radio Club meets year round at 7pm on the first Tuesday of each month in the main meeting room of the Stratford Recreation Centre at 234 Shakespeare Drive. Everyone is welcome!



Saturday Morning Breakfast: In addition to a virtual breakfast net every Saturday morning, members of the Club wanting to socialize in person (ie, eyeball QSOs) are encouraged to meet at Sam's Family Restaurant at 121 St Peters Rd, Charlottetown (Sherwood). All are welcome!

CARC

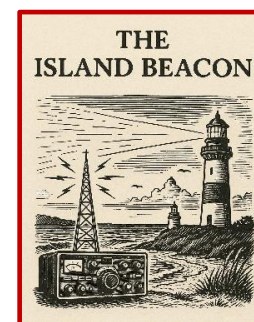
Charlottetown Amateur Radio Club

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VY2CRS

www.charlottetownarc.com



What is Charlottetown ARC?

The Charlottetown Amateur Radio Club is one of two ham radio clubs in Prince Edward Island, the other being the Summerside Amateur Radio Club.

Charlottetown ARC is a member of Radio Amateurs of Canada (RAC), the national organization that promotes the Amateur Radio Service in Canada. Charlottetown ARC may be comprised of members from all across PEI, but generally concentrates on the eastern half of the province, whereas the Summerside club serves the western half. Members enjoy activities and friendships based on common interests in communicating via radio, both locally and around the world.



We use equipment and techniques that range from the oldest to the newest forms of radio communications. Those include 19th century Morse Code (CW) to 21st century digital repeaters, satellite communications (including moon bounce), and using voice or digital messaging.

Volunteers help mentor those starting in ham radio, teach classes as instructors, and assist local organizations or government agencies. Our volunteers are diverse in technical abilities from kit builders to the design and construction of major systems.



Charlottetown ARC Activities: We participate in many radio events throughout the year:

RAC/ARRL Field Day
 Canada Day Contest
 POTA, IOTA, Lighthouse Activations
 CW & SSB Competitions

Charlottetown ARC also sponsors an annual Flea Market, typically held in July.

Perhaps the most popular single activity in the year is Field Day, sponsored by RAC and ARRL (American Radio Relay League in the United States). During this 24 hour event held over the last full weekend in June, ham radio operators will test their antennas, transceivers, and other gear in a location outside the norm such as a field somewhere. While the event is intended to exercise our abilities to operate in emergency conditions, Field Day is oriented as a contest with points for phone (voice), CW and digital contacts, including those made using satellites and the International Space Station.



Lighthouse Lightship Weekend, and activating lesser known or smaller islands (Islands on the Air).

Summerside ARC Nets: SPARC has a monthly repeater net on its linked repeaters the 3rd Tuesday of each month at 8pm. SPARC also has a monthly simplex FM net on the 4th Tuesday of each month at 8pm on 146.565 MHz.

www.charlottetownarc.com
www.summersidearc.com

Repeaters: Charlottetown Amateur Radio Club has use of several repeaters near Charlottetown and the eastern half of the province. The Churchill repeaters, in particular, can be accessed in Charlottetown and as far away as Cavendish, the Confederation Bridge, and Montague.

Location	Callsign	Frequency	Tone
Churchill*	VE1CRA	146.670-	100.0
Belfast*	VY2CRA	146.715-	100.0
Montague*	VY2EKR	147.165+	R100/T123
Cape Bear*	VY2KCR	146.895-	100.0
Glen Valley*	VE1UHF	147.255+	100.0
Charlottetown	VY2UHF	443.850+	
Churchill	VY2CBC	447.750-	100.0
Glen Valley	VE1UHF	449.100-	100.0
Cornwall (DMR)	VE1CRA	441.650+	N/A
Churchill (Fusion)	VE1CRA	145.310-	N/A

* Normally linked

Summerside Amateur Radio Club has several repeaters concentrated on the western half of PEI. The popular ones are:

Location	Callsign	Frequency	Tone
Summerside*	VE1CFR	146.850-	100.0
Cavendish*	VY2PEI	145.150-	100.0
O'Leary*	VY2CFB	147.120+	100.0
Winsloe*	VY2CRS	147.390+	100.0
Hazel Grove (DSTAR)	VY2DSR	441.850+	N/A

* Normally linked

Summerside and Charlottetown VHF repeaters may be linked as needed.

Charlottetown ARC Nets: CARC sponsors nets on its linked repeaters on Wednesday evenings (8pm) and Saturday mornings (8am). In addition, Charlottetown ARC has an 80m net on Thursday evenings (8pm ADT, 7pm AST) and a monthly simplex FM net on the first Monday of each month on 146.55 MHz.

All ham radio operators are welcome to check in!