



The Halifax Amateur Radio Club

# REFLECTOR



2050 Hammonds Plains Road  
Hammonds Plains, NS  
B4B 1P3

February 2023, Volume 84 Number 2

club web site is [www.halifax-arc.org](http://www.halifax-arc.org)

## REMEMBER – RENEW YOUR MEMBERSHIP Meeting in person and Virtual

HARC Club Station phone number - 902-490-6421

### Executive

President - John Bignell, VE1JMB	223-1945	johnmbignell@gmail.com
First V.P. - Jason Ingraham, VE1PYE	292-9924	VE1PYE@bellaliant.net
2nd V.P. - Ritchie Long, VE1RL	410-7167	VE1RPL@gmail.com
Secretary - Ray Armstrong, VA1RAY		VA1RAY@outlook.com
Treasurer - Alastair Cox, VE1PAB		coxaf@eastlink.ca
Member-at-Large: - Bill Simm, VA1ALW		williamrham@live.ca
Station Manager: - Don Trotter, VE1DTR		don_trotter@hotmail.com
Past President - Brian Allen, VA1CC	489-4656	basailor@eastlink.ca
Director Emeritus - Bill Elliott, VE1MR	865-8567	bowser.elliott@ns.sympatico.ca

### Committees/Offices/Prime Contacts

Government & Media Relations - Gary Murphy VA1GGM, 461-9416  
garygmurphy@gmail.com

QSL Bureau Mgr - Roger Stein, VA1RST 403-3738  
burch.craft@gmail.com

EMO Coordinator - David George, VE1AJP 466-8723  
dgeorge@dal.ca

EMO Trailer coordinator – VACANT

Reflector editor - Lynn Bowser, VE1ENT 865-8567  
bowser.elliott@ns.sympatico.ca

Reflector Hardcopy Dist. - Jeremy Fowler, VE1JHF 240-4302  
ve1jhf@gmail.com

Membership - Tim Delaney, VA1TIM 890-6772  
valtim@rac.ca

Reflector PDF Dist. – Tim Delaney, VA1TIM  
valtim@rac.ca

Web site content Manager - John Bignell, VE1JMB  
johnmbignell@gmail.com

Basic ham course– Vacant

2023 Flea Market Chair – Vacant

2023 Field Day Coordinator - Vacant

Safety Officer - Malcolm MacDonald, VA1MMD  
malcolmm1@gmail.com

VA1MMA Project Manager - Dick Grantham, VE1AI  
rgrantham@ns.sympatico.ca

NSARA Director - Jason Ingraham, VE1PYE 292-9924  
VE1PYE@bellaliant.net

Honorary Legal Counsel – Paul Radford, VE1ARH

### Non Club Contacts

RAC Atlantic Director - Al Penny, VO1NO  
dir.atlantic@rac.ca

RAC Section Manager – Dave Hull, VE1HUL  
d.hull@ns.sympatico.ca

RAC Assistant Director for HRM - John Bignell, VE1JMB  
johnmbignell@gmail.com

All phone numbers must be preceded by area code 902 when dialling, unless otherwise indicated

The **January 2023 General Meeting** of the Halifax Amateur Radio Club will take place Wednesday February 15 at 1900 .

The method (**hybrid – in person at the club and virtual**) the details will be sent in an e-mail. Check your e-mail for details as the date approaches. Also check the web site for any other updates.

Tech-Talk: - **Work the Easy Sats:** John Langille, VE1CWJ – see page 2 for more information.

**Guests are welcome in person or need to send an e-mail to the club to be on the ZOOM invitee list.**

### NOTICE

This is your second last Reflector if you have not renewed your HARC membership.

**Deadline for submissions to the March Reflector is Saturday March 4, 2023.**

### Take-15 Net Controllers

This will be the rotation. We need more net controllers. If you want to join, let Bill Elliott, VE1MR, know.



Feb. 12	Jeremy	VE1LAI
Feb. 19	Ken	VE1PDL
Feb. 26	Cam	VE1BIT
March 5	Earl	VE1EPJ
March 12	Jeremy	VE1LAI

### ATTENTION

We are in need of net controllers. The more volunteers to do this simple task allows controllers to be doing the net less often. The net is excellent practice for running an emergency net and usually takes about 20 or 30 minutes. Contact Bill, VE1MR to join the list.

### GENERAL INFORMATION



Sunday evenings:  
TAKE-15 NET at 8:30 PM

CLUB REPEATERS:  
VE1PSR - 147.270 MHz + TX=82.5  
VE1PSR/UHF - 444.350 MHz +  
VE1PSR/6M - 53.550 MHz -  
access and TX tone 151.4 Hz  
VE1HNS - 146.940 MHz - TX=82.5

PACKET: VE1NSD 145.050 MHz  
LAN NODE

**Due to the global pandemic some events have been cancelled. With the lifting of restrictions you will start to see events posted on this page and following pages.**

### *Events for Your Calendar*

February or March – HARC Ham breakfast.

Late May or early June – HARC Flea Market

### **Work the Easy Sats February 15, 2023**

John Langille (VE1CWJ) from the Folly Mountain area will be here to tell us how to get started in satellite operations. He is a member of the WestCum ARC and Truro ARC.

John has been an active satellite operator. He demonstrated satellite QSOs at SMART22 and give a great presentation during the RAC 2022 AGM.

He'll show us how to get started with satellites on a shoe string.

Greetings all amateurs,  
First of all, Happy New Year.

The WestCumb ARC is pleased to announce that SMART 23 is a go for 2023.

It will be held on May 6th, 2023 at Dr Carson & Marion Murray Community Centre in Springhill NS.

The registration form is now on the website and you will notice we have added a few questions to answer as you fill out the form. These questions will help us set up the events for the day. Remember to click on SEND FORM at the bottom.

We will fill in the classes when we finalize. Keep checking back.

Hope to see many of you this year at SMART.

Here is the link to the website.  
<https://www.westcumb.ca/smart23>

Jim Langille VE1JBL

### **Are you up to date with your HARC membership dues?**

Yearly rates are: Full = \$30

Associate = \$20

Family (2 members) = \$50 + \$20 for each additional family member at the same address. Use the Membership form on page 10 or go to the HARC website or contact Membership Chair.

HARC has a stock of **Anderson Powerpole connectors** for sale at \$15 for a bag of 10 - (\$1.50 ea for a red & black connector & contacts for one complete end). To make a complete mating pair will require 2 connectors. If you have not already converted all your gear to Powerpole connectors you should consider doing so. Installation instructions included & are also in the 2012 Callbook.

Contact Fraser, VE1WO –  
[fmac@eastlink.ca](mailto:fmac@eastlink.ca)

Or Bill, VE1MR – [bowser.elliott@ns.sympatico.ca](mailto:bowser.elliott@ns.sympatico.ca)

Do you have pictures, interesting or funny radio-related story, article or news you would like to share via the HARC Reflector? Please send it/them to Lynn at:

[bowser.elliott@ns.sympatico.ca](mailto:bowser.elliott@ns.sympatico.ca)

**Please show “For Reflector” on the “Subject” line so I don’t miss it.** Thanks!.-ed

*It's probably my age that tricks people into thinking I'm an adult.*

### **Work Your Station Remotely Coming – March 15, 2023**

Gerry Hull Gerry (VE1RM / W1VE), born in Halifax and former HARC member lives in Hancock, NH. He is an active remote operator, working from K2LE (Vermont) and stations in VE1, VE9, VE3.

First licenced in the USA in 1979 and then again in Canada when he came home for college in 1979.

Worked at the ARRL from 1980-83 and a lab and QST Assistant Technical Editor with the opportunity to work side by side with the likes of Doug DeMaw.

Gerry is an active contester.

He'll talk to us about setting up a remote station which can be used across the Internet.

## **NOTICE**

The HARC is looking for a person should have at least one more ex- or persons to take on the responsi- aminer available in HRM and pref- bilities of Accredited Examiner. erably 2 more. The criteria to be Currently we have 3 club members an examiner is below.

who are accredited – Bill, VE1MR, Brian, VA1CC and Fred, VE1FA. Bill, VE1MR whose accreditation will be running out soon will not be renewing and Fred is located outside of HRM and would normally only examine folks in HRM who take a course given by the HARC. Currently Brian, VA1CC is the only examiner giving exams to people in HRM. The club

All persons who administer qualification examinations must be holders of an Amateur Radio Operator Certificate with Basic, Morse Code (5 wpm) and Advanced qualifications, and be 18 years of age or older.

If you meet this criteria and are interested please contact the club executive.

**PRESIDENT'S MESSAGE for February 2023**

**Exciting Updates and Plans for 2023:  
A Year of Adventure and Community for Halifax Radio Amateurs**

I wanted to share some exciting updates and news about the club for 2023. First of all, I would like to mention the successful Winter field day held at the station. It was attended by many new hams and gave us a chance to dust off our radios. The day was a great club event that was enjoyed by all who attended. We were successful in making contact all around the work and will be submitting our log shortly.

Another exciting project that we are working on is a fox hunt. This will give our members the opportunity to build equipment and put their skills to the test. We are confident that this will be a fun and challenging experience for everyone involved. Additionally, we are looking forward to hosting another successful Ham Yard Sale in Lower Sackville. This is a great opportunity for members to buy and sell equipment, as well as network with other Maritime hams.

Lastly, I wanted to mention our progress on the plans for the 90th Celebration Conference, which will be held this August in Halifax. This is a landmark event for our club and we are thrilled to bring it to our members. It is shaping up to be an exciting weekend filled with ham-related speakers and events. We are also considering bringing back events such as Islands on the Air and Museum Ships on the Air, but our success is only possible with help from our membership.

The 2023 Halifax Radio Amateur Club promises to be a year filled with excitement, learning and community building. Our aim is to create an environment where members can share their passions, skills, and knowledge with each other. Whether you are a seasoned ham or just starting out, there is something for everyone at the club. We encourage members to get involved and make the most of their membership by attending meetings, participating in events and sharing their ideas. If you have a project or idea that you would like to see the club work on, we would love to hear from you. The next meeting is an opportunity for you to come and share your thoughts, collaborate with other members, and be a part of shaping the future of the club. So, don't hesitate to join us and let's make 2023 a great year for the Halifax Radio Amateur Club!

Respectfully submitted: John Bignell, VE1JMB – PRESIDENT- HARC

Want to check road conditions before driving?

New Brunswick Highway Cams:

<http://www.gnb.ca/0113/cameras/allcams-e.asp>

Nova Scotia Highway Cams:

<http://gov.ns.ca/tran/cameras/camera.asp>

PEI Highway Cams: <https://www.tourismpei.com/pei-webcams>

Halifax's Armdale Rotary <http://www.novascotiawebcams.com/halifax/armdale-rotary.html#axzz1AmMziRUo>



During the Winter Field Day event held at the HARC, Jeremy, VE1JHF and Brandon, VE1BMF demonstrated a Winlink station.

The NSARA website is <https://qsl.net/nsara/>

*I'm at a place in my life where errands are starting to count as going out.*

Check into the Maritime Noon Net, week days at 12 noon on the Windsor repeater, VE1HCA 146.910 – MHz

*I don't think the therapist is supposed to say "wow," that many times in your first session but here we are...*



**A Winter Field Day to Remember:  
A Successful Winter Field Day for the Halifax Radio Amateur Club  
By John Bignell, VE1JMB**

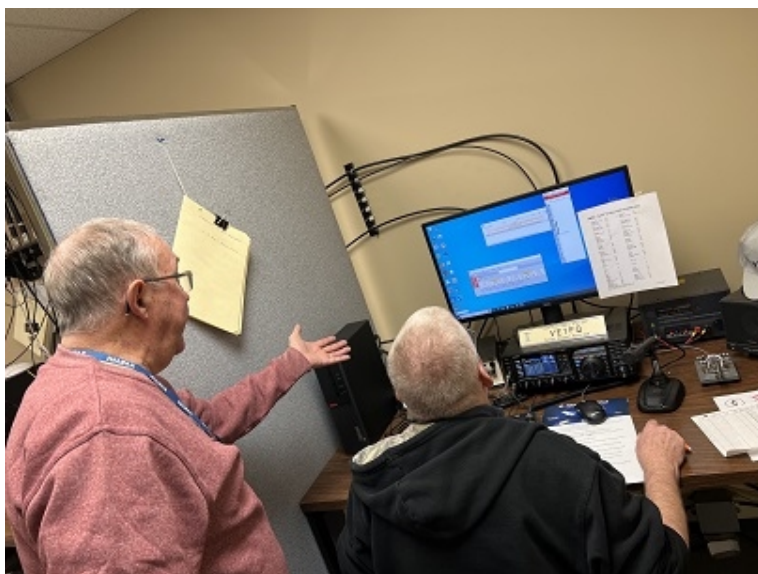
The Halifax Amateur Radio Club hosted its annual Winter Field Day in 2023, and it was a successful and enjoyable event for all who participated. New hams were able to join us and old hams were able to share their knowledge and experience with one another. Our club members made a total of 305 QSOs with amateur radio stations around the world, using both club-owned radios and personal equipment.

One of the highlights of the day was the successful QRP (low power) contacts that were made to the Southern United States on just 10 watts of power. This demonstrated the versatility and capability of amateur radio, even with limited resources.

Throughout the day, club members took turns operating the radios, sharing their skills and techniques with one another. It was a great opportunity for new hams to get hands-on experience with different types of equipment and for more experienced hams to brush up on their skills in a contested environment.

While not working, the radio members enjoy some pizza and chips while sharing stories about their amateur radio adventures. This was a time for everyone to come together, share their experiences and talk about the different ham radio projects they are working on. It was great to see how supportive and inclusive the club is, with members of all levels of experience coming together to support one another and share their passion for amateur radio. Whether you're just starting out or have been a ham for years, there was something for everyone at the Winter Field Day.

The relaxed and stress-free atmosphere of the event made it a fun and memorable experience for all who participated. It was a great opportunity for members to bond and make new friends within the club. It's events like these that make our club such a wonderful community, and we encourage all of our members to get involved and make the most of their membership. If you're interested in amateur radio and would like to join us, we would love to have you.



**Halifax Amateur Radio Club  
General Meeting Minutes  
18 January 2023**

1. Welcome to the HARC monthly meeting for January 18, 2023: The meeting, both in person at the Club and via Zoom, was called to order by President John, VE1JMB at approximately 7:01pm with 10 attendees in person, Alastair, VE1PAB, Don, VE1DTR, Brian, VA1CC, Ritchie, VE1RL, John, VE1JMB, Roger, VA1RST, Fraser, VE1WO, Tim, VE1XR, Ray, VA1RAY, Doug, VE1ZG, and 17 attendees on Zoom.

**2. Acceptance of the Agenda:**

A request was made to accept the January agenda.

Moved by ????

Seconded by ????

The motion was approved in person/Zoom, 27/0.

**3. Approval of the Minutes:**

A request was made to accept the November 2022 minutes as printed in the Reflector.

Moved by ????

Seconded by ????

The minutes were approved in person/Zoom, 27/0.

**4. Report of any Silent Keys:**

The following amateurs in the Maritimes have passed since the last club meeting of November 16, 2022.

David S. Nimmo, VE1NN

January 7th – Dartmouth, NS

Faith "Faye" M. D'Eon, VE1FAY

January 5th – Milton, NS

Ann Marie Evans, VE1CUE

January 2nd – Brookfield, NS

Dianne O. O'Dell, VE9DI

December 24th – Dieppe, NB

Gloria J. Turner, VE1GGG

December 20th – Lunenburg, NS

Roderick N. Babcock, VE1CHC

December 16th – Amherst, NS

William "Bill" C. Sneath, VE9BIL

December 9th – Riverview, NB

Robert Boudreau, VE9CKR  
Dec. 6<sup>th</sup> – Saint-Edouard-de-Kent, NB  
Daryl Stevens, VE1HF

Dec. 5<sup>th</sup> – Steeves Settlement, NB  
Wallace "Wally" Fisher, VE9WF

November 28<sup>th</sup> – Riverview, NB  
David Cochran, VE1DSC

November 27<sup>th</sup> – Riverview, NB  
Ronald J. Blue, VE1BBB

November 26<sup>th</sup> – Amherst, NS

**5. Correspondence:** Nothing to report.

**6. President's Report:**

John, VE1JMB welcome to 2023, new year, new executive. Want to kick off the year running. Excited about Winter Field Day coming up, want to get in front of radios and get back to having fun.

**7. Treasurer's Report:**

Alistair, VE1PAB Up to today it has taken some time to get things switched over with the bank due to people not being available because of travelling etc. Secretary Ray, VA1RAY needs to be added for signing authority. He reported the financial activity to date for fiscal year starting Oct 1<sup>st</sup> on and gave a detailed report of the monthly income and expenses as well as reporting the opening balance and closing balance. Brian, VA1CC moved to accept the Treasurer's report.

Fraser, VE1WO seconded.

The motion passed in person/Zoom, 27/0.

**8. Station Managers Report:**

Don, VE1DTR reported Remote Station issue was resolved yesterday, was due to configuration issues on the RigPi itself. Back in action as of yesterday. Trials in the coming weeks with a test case for enrolment. Will make it generally available once the process is understood. Quiet otherwise, will be deploying the new label printer for the QSL Bureau in the next week or two.

QSL Bureau Report Roger VA1RST

Good news to report, of all the cards sent out in the last batch, only 2 envelopes came back. Tax record address database is helping a lot, sending notes out to people with low accounts, lots of good feedback and people topping up their accounts.

**9. Education Report:**

Jason, VE1PYE reported no inquiries recently. Latest RAC course is about to start.

**10. HATS/SAR report:**

**HATS** – Gary, VA1GGM was absent, no report.

**SAR** – Dave, VE1AJP reported the Search and Rescue group had no recent searches, had a call on/call off for an individual in Pictou area, fortunately he was found. SAR participated in all 3 local Christmas parades. For the second year, they did marshalling along the parade route in Halifax keeping crowds under control and back from the roadways.

**11. Club Kit Building Project:**

Ritchie, VE1RL, we continue to work through our builder sessions on Sunday mornings at Station 50. Had 2 so far but had to cancel recent one due to ice storm and not putting people at risk on the roads. Not an instructor led program, all are working at their own pace. After working with some simpler kits to work on skills, radios are being built. Probably be about a month for completing the build, calibration and testing. Looking for ideas for other projects going forward to continue the building sessions.

**12. 2023 Budget:**

Bill, VE1MR review and second vote held for approval of 2023 budget. Moved for second vote by Bill, VE1MR.

Seconded by Scott, VE1QD.

Motion passed in person/Zoom 27/0.

(Continued on page 6)

(Continued from page 5)

13 **HARC 90<sup>th</sup> Anniversary Update:** Ritchie, VE1RL Planning continues. Planning for a 2 day event which will include demonstrations and presentations, as well as the RAC AGM coinciding with our celebration. Looking at a banquet potentially on Saturday. If possible, would like to have a Show and Shine for communication vehicles from different agencies. There will be door prizes, 50/50 draws etc. The flea market would likely be held on the Saturday. Proposed dates would be August 19<sup>th</sup> and 20<sup>th</sup>.

#### **Old Business:**

Station 50: Bill, VE1MR reported that we have the rotor plate and bearing plate for the tower that was fabricated. They just need to be sprayed with cold galvanizing and will be ready to install as weather permits.

Cowie Hill: No update on Cowie Hill at this time. Bill, VE1MR

#### **New Business:**

Possible New Repeater Location: Jason, VE1PYE No movement or thought since we initially talked about it, site that we are aware of does not have a building or anywhere to house the repeater. Site does not currently have any VHF/UHF antennas, would need these installed and would need to determine a path to link to other towers. Bill VE1MR noted that Brian, VA1CC was to scout out a site and take pictures. Brian was not able to do this yet due to personal circumstances at home.

Membership Renewal and Registration: John, VE1JMB, now is the time to register/renew memberships. If you are looking for a pass please email to get on list. List needs to be completed so that criteria can be determined for passes to insure Don Mosher and others are happy.

#### **Roundtable:**

Doug Henry VE1ZG quickly brought up a question regarding Winlink and its involvement with HATS, stating that there has been no activity for some time and wanted to know what was being done. Gary Murphy was absent and it was decided that this issue should be taken up with HATS and Gary Murphy VA1GGM.

Jason VE1PYE moved to adjourn the General Meeting @ 2001 and a quick break was had before the CW Academy presentation by Dallas K1DW via Zoom.

*Respectfully submitted by Ray Armstrong, VA1RAY,  
HARC Secretary*

## **Halifax Amateur Radio Club General Meeting Agenda – February 15, 2023**

Welcome : John Bignell, VE1JMB

Acceptance of the February 2023 General Meeting Agenda:

Motion by:

Second by:

Carried: yea nay

Acceptance of the January 2023 General Meeting Minutes:

Motion by:

Second by:

Carried: yea nay

Silent Keys:

Paul J. Mullin, VE1VEC – January 28th, Antigonish NS

Chester van der Kooi, VE1COY – Jan. 28th

Upper Nine Mile River NS

David S. Nimmo, VE1NN – January 7th – Dartmouth NS

Faith "Faye" M. D'Eon, VE1FAY – January 5th, Milton NS

Ann Marie Evans, VE1CUE – January 2nd, Brookfield NS

President report: John Bignell VE1JMB

Treasurer report: - Alastair Cox, VE1PAB

Motion to accept by: Alastair Cox, VE1PAB

Second by:

Carried: yea nay

Committee Reports

Station Manager report: - Don, VE1DTR

Education report: - Jason, VE1PYE

QSL BURO REPORT: - Roger, VA1RST

SAR/EMO report: - David George, VE1AJP

HATS report: - Gary Murphy, VA1GGM

Old Business

1) STATION 50

a) Cowie Hill update- Bill/Don

b) Satellite tower

2) Club Events

a) August 90th planning update - Ritchie

b) Builder Session - Ritchie

New Business:

1) Bay Treasure Chest Application - John VE1JMB

2) Discussion of Proposed Club Radio Room manual -  
Fraser/Craig

3) Suggestions for Upcoming Club Activities

a) Museum Ships on the Air - June 3-4

b) Field Day June 24 -25

c) July Island on the Air Event (Oak Island,  
McNab's Island, Shut-in Island Etc.)

ROUND TABLE:

Adjournment @

Entertainment: presented by Richie, VE1RL

Respectfully submitted: John Bignell, VE1JMB President-  
HARC



# RADIO HISTORY AMATEUR RADIO



SPURGEON "SPUD" ROSCOE VE1BC

Spud, VE1BC has written a book about the Halifax Amateur Radio Club and the early days of Amateur Radio. The book is 8.5" X 11" and has 365 pages. The club bought a number of books for sale to members at \$30 each. The books will be available at club meetings. To purchase a book please contact:

Brian, VA1CC – basailor@eastlink.ca  
902-489-4656.

Or Fraser, VE1WO – VE1WO@eastlink.ca.

## Changes to the RAC Field Organization Sections Effective January 1, 2023

As previously reported, on May 25, 2022, the Board of Directors of Radio Amateurs of Canada approved changes to the RAC Field Organization which will take effect on January 1, 2023.

The RAC Field Organization will be reorganized into the following Sections effective January 1, 2023:

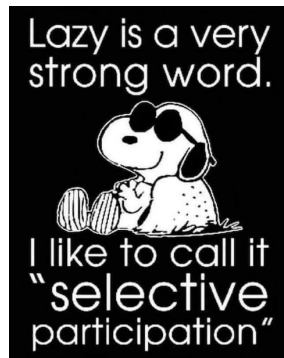
### The Maritime Section (MAR) will be abolished.

- Newfoundland and Labrador (NL)
- Nova Scotia (NS)
- Prince Edward Island (PE)
- New Brunswick (NB)
- Quebec (QC)
- Ontario East (ONE)  
Currently called Greater Toronto Area (GTA).
- Ontario South (ONS)
- Ontario North (ONN)
- Manitoba (MB)
- Saskatchewan (SK)
- Alberta (AB)
- British Columbia (BC)
- Territories (TER) – Northwest Territories, Yukon and Nunavut will be combined into one section.

Over the years, the ARRL's Contest Management Team have adjusted their contest rules to follow changes as they are made. The ARRL has already indicated that they will adjust the rules of Field Day, SS CW, SS SSB and the ARRL 160m contest to mirror the decisions of the RAC Board."



**Fishing – if it was easy it would be called catching.**



**I didn't say it was your fault, I said I was blaming you.**



**International Women's Day is celebrated annually on March 8.**



The RAC website is at [www.rac.ca](http://www.rac.ca)

*I don't always go the extra mile, but when I do it's because I missed my exit.*

## Join the Halifax Amateur Radio Club: Explore the Exciting World of Ham Radio

Ham radio is an exciting hobby that offers endless possibilities for exploration and discovery. Whether you're an experienced ham or just starting out, the Halifax Amateur Radio Club (HARC) offers something for everyone. By becoming a member, you will be supporting the many club events, technical projects, and community support activities that the club is involved in.

As a member of HARC, you will have access to a supportive community of hams who are passionate about this fascinating hobby. Our members have a wealth of knowledge and are always willing to share their experiences and insights. This makes HARC the perfect place for anyone who wants to learn more about ham radio and expand their skills.

In addition to providing a supportive community, HARC is also committed to promoting the use of ham radio as a valuable communication tool. Whether you're interested in emergency communication, contesting, or simply making new friends around the world, HARC is dedicated to helping you get the most out of your ham radio experience.

Joining HARC is easy, and you can choose from a variety of membership options to suit your needs. You can download a membership application from the HARC website, fill it out and mail it in with a cheque. Alternatively, you can use Interac e-Transfer or attend a monthly club meeting when in-person meetings resume.

So, what are you waiting for? If you're interested in ham radio or simply looking for a supportive and fun community, join HARC today. We encourage anyone of any age or background who has an interest in amateur radio to consider becoming a member. Whether you're a seasoned ham or just starting out, HARC is the perfect place to explore this exciting hobby and meet new people who share your passion.

### HARC 2023 Membership Fee Structure

Full Member (licensed amateurs only)*	\$30.00 - All Full Members automatically an NSARA member
Associate Member (no voting privileges)	\$20.00
Family Membership*	\$50.00 (2 family members)
Each additional family member (Full Member)*	\$20.00 - All Full Members automatically an NSARA member

NOTE: All members receive a copy of the Club newsletter - Reflector - by email each month. Those wishing to receive a "hard copy" of the newsletter by mail will be required to pay an additional \$10.00.

#### Membership Registration Process

Membership may be initiated or renewed using any of the following methods:

**(1) By Mail:** Download and save our Fillable PDF membership form to your computer. Then open it using Adobe Reader (which you can download for free from their website), or other PDF Reader, then fill in the form, print a copy and mail it along with the appropriate cheque payment to our postal address:

Halifax Amateur Radio Club  
2050 Hammonds Plains Road,  
Hammonds Plains, Nova Scotia  
Canada  
B4B 1P3  
Attn: Membership Chair

**(2) Interac e-Transfer:** The process to do an Interac e-Transfer is as follows:

Download and save our Fillable PDF Membership Form to your computer. Then open it in your .pdf reader - typically Adobe Reader; fill it in and save it to your computer. Then, e-mail it to [membership@halifax-arc.org](mailto:membership@halifax-arc.org), clearly indicating on the form that you are paying by Interac e-Transfer.

Then, go to your online banking site and send an Interac e-Transfer to [treasurer@halifax-arc.org](mailto:treasurer@halifax-arc.org)

The funds will automatically be deposited into the HARC account, the treasurer will confirm the e-Transfer with the sender, and he will notify the Membership Chair.

The Membership Chair will then issue a current year e-Membership Card by email confirming that your current year membership has been paid.

**(3) Alternatively:** When in-person meetings resume, you may attend a monthly club meeting and the Membership Chair will be happy to renew your membership.

Do you have any inquiries or comments? Send us an email.