



The Halifax Amateur Radio Club

REFLECTOR



2050 Hammonds Plains Road
Hammonds Plains, NS
B4B 1P3

September 2022, Volume 83 Number 7

club web site is www.halifax-arc.org

THE MEETING WILL BE A HYBRID - IN PERSON AT THE CLUB AND VIRTUALLY

HARC Club Station phone number - 902-490-6421

Executive

President - Brian Allen, VA1CC	489-4656	basailor@eastlink.ca
First V.P. - Jason Ingraham, VE1PYE	292-9924	VE1PYE@bellaliant.net
2nd V.P. - Ritchie Long, VE1RL	496-0779	VE1RPL@gmail.com
Secretary - Roger Stein, VA1RST	403-3738	burch.craft@gmail.com
Treasurer - Bill Simm, VA1ALW		williamrham@live.ca
Member-at-Large: -John Bignell, VE1JMB		johnmbignell@gmail.com
Station Manager: - Don Trotter, VE1DTR		don_trotter@hotmail.com
Past President - Bill Elliott, VE1MR	865-8567	bowser.elliott@ns.sympatico.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
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QSL Bureau Mgr - Roger Stein, VA1RST 403-3738

EMO Coordinator - David George, VE1AJP 466-8723

EMO Trailer coordinator - VACANT

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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 **September 2022 General Meeting** of the Halifax Amateur Radio Club will take place Wednesday September 21 at 1900 .

The method (**hybrid - in person at the club and virtual**) the time 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.

Guests are welcome but need to send an e-mail to the club to be on the ZOOM invitee list.

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

Please show "For Reflector" on the "Subject" line so I don't miss it. Thanks!.-ed

Deadline for submissions to the October 2022 Reflector is Saturday October 8, 2022.

Take-15 Net Controllers

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



Sept.	11	Ken	VE1PDL
Sept.	18	Cam	VE1BIT
Sept.	25	Bill	VA1ALW
Oct.	2	Ken	VE1PDL
Oct.	9	Cam	VE1BIT
Oct.	16	Bill	VA1ALW

ATTENTION

We are still in need of net controllers. The more members who volunteer to do this simple task will allow the controllers to be doing the net every month or so. The net generally takes about 20 min on a Sunday evening and is excellent practice for running an emergency net. Contact Bill, VE1MR if you want to join the list: bowser.elliott@ns.sympatico.ca

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 most events have been cancelled. See page 2 for coming events. With the lifting of restrictions you will start to see events posted on this page and following pages.

Events for Your Calendar

September 17 – Moncton Area ARC Flea Market

October 15 – Greenwood ARC Flea Market

Greenwood Amateur Radio Club Annual Flea Market

Date: Oct 15, 2022 (Saturday)

Time: 10:00 AM – 1:00 PM
(Open 8:00AM To Sellers)

Place: Greenwood Community Centre, Church Street, Greenwood, N.S.

Cost: Admission \$5.00.
Tables Free To Sellers

GPS Coordinates:
N44° 58.512' W064° 55.612'

Talk In: VE1WN 147.240+

Someone will be on our local repeater to answer questions or give directions.

Food and drinks will be available.

Door Prizes And 50/50 Draw

There will be various door prizes given out throughout the event with one big door prize at the end. We will also be selling 50/50 tickets.

Fleamarket:

All sorts of Amateur Radio, Computer and Electronics for sale. Sell your old stuff or buy some new old stuff.

To Book Tables Contact:

Carol, VE1ICY
cfhutchinson@gmail.com

To Obtain Further Info Contact:

GARC President Phil Hunter VE1PHL
garc.ve1wn@gmail.com

Visit the NSARA website at
<http://nsara.ve1cfy.net/>

Moncton Area ARC Flea Market is Coming Soon!

The MAARC Flea Market will be held on **Saturday, September 17, 2022** from 9am-Noon at the Lions Club, 701 Coverdale Road, Riverview, N.B. The cost for buyers will remain at \$5 but the cost to sellers will be \$10 for one to three tables. There will be amateur radio related door prizes, a 50/50 cash drawing and a raffle prize. The main door prize will be a Yaesu dual band handheld model FT-4X and the raffle prize will be a Yaesu FTM-3100R 65 watt VHF transceiver. Let's make the MAARC 2022 Flea Market the best ever.

To book tables please contact:
Jack, VE1AIR at
jhnchisholm25@gmail.com

Save These Dates for the 90th

Planning for HARC's 90th Anniversary is underway. The dates and location are set; 18, 19 & 20th of August 2023 at Mount Saint Vincent University Student Union Building.

We are looking for individuals to help in the planning and organization. If you can provide help, please contact us via email events@halifax-arc.org.

It would be great to have your help to make this an event to remember. Please drop us a line!

POSITIONS TO BE FILLED

The club will be looking for a Nominating Committee chair and nominating committee members. Also the club will be looking for an auditor.

Build-A-Thon: Come Build Your First Radio With US

The art of homebrewing has always been a pillar of amateur radio. Successful Build-A-Thon events have been conducted by many clubs and at amateur radio symposiums. These events bring amateurs together to construct amateur equipment which can be used in the shack on a daily basis.

HARC is considering a Build-A-Thon this winter and would like input from club members.

We would conduct the Build-A-Thon on alternate Wednesday evenings at the Club. The project would be selected by the participants. Kits like the QRPLabs QCX-mini CW Transceiver is great example and are come from established vendors. Success is almost guaranteed. Support, tools and equipment necessary for the construction and calibration would be provided by the Club.

Participants would simply fund the cost of the kit, show up and enjoy the experience of building a working radio. To keep things manageable for this first Build-A-Thon, participation will be limited.

Would you like to join the ranks of Amateur Radio Operators who have built and operate their own creation? If so, contact us at:

events@halifax-arc.org

Would you like to act as an Elmer to new hams in constructing their first radio? If so, contact us at:

events@halifax-arc.org.

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

I'd grow my own food if only I could find bacon seeds.

PRESIDENT'S MESSAGE for September 2022

Good afternoon to all of our amateurs and radio enthusiasts local and abroad who take the time to read this addition of the Reflector. As you look out the window these days its not hard to see that the weather is changing as fall once again approaches. It is also a time to get all your outdoor antenna and tower work completed for the days when the snow and wind is howling around outdoors. Time to work some dx and cw and talk to folks in warmer climates than ours.

Our upcoming September meeting will be hybrid in that those who want to come to the club for the meeting will be welcome and those who still do not want to attend the in person meeting can do so by ZOOM. I KNOW THAT EVERYONE IS NOT COMFORTABLE YET with group gatherings when in July, pizza night was attended by 35 out doors, however, when it rained in August and we had pizza night that was indoors, we had 14...so this tells me we are not ready for full meetings at the club yet. We will stay On top of this and do both ways of meeting for some period of time going forward.

Recent activities have seen a flurry of action surrounding the Museum of the Atlantic. We have a very strong presence of amateur radio operators who are there on Tuesdays and Thursdays teaching new and prospective operators cw and passing out certificates. This has been and continues to be a high light at the Museum bringing much praise to the Museum and to the Halifax Amateur Radio Club. It is so much fun in so many ways it is impossible to describe in words.

We have a major Provincial exercise coming sometime in November of which we know little detail yet. This will involve EMO- HRM: Provincial EMO and HARC/HATS. Please note that we have to be ready in all aspects of EMO procedures and protocols. This exercise may determine our future with in HRM and EMO with regards to providing emergency communications and future relationship. More to follow on this event as news breaks so that we can be ready.

Let us all get back into being part of the best Radio club in the country. We need to get back into participation of club activities such as the executive: Field Day: special community events: Emo: The museum: and a host of other events that are meant to be something for every operator in our club. Becoming part of our club can be of the simplest deeds and as an example many hands will make our 90th anniversary project go well for the club and continue to be part of our great history so outlined in Spud's book on our club. By the way, the club has several copies for sale at \$30.00 each and can be acquired from Fraser or myself. Just let us know. Please put forth your name to Richie Long to be a part of our 90th celebration as we show case our club to the world.: be part of history and be recorded in the next chapter of our clubs history.

So, here we are – once again we face hurricane season: the fall season and soon to be winter. Prepare for an exciting year ahead and be part of your club, for we have so much to accomplish as a team, as a club for both personal satisfaction and for the good of the club, and community.

73 FOR NOW and stay tuned for a lot more to come:

Respectfully: Brian Allen, VA1CC – PRESIDENT- HARC

Help Required

The club needs someone to take on a small project. The satellite tower needs to have a mast bearing plate manufactured to fit the top of the tower. There is a mast bearing available for a template. There also needs to be a mounting arrangement manufactured to be able to mount the rotator inside the tower. The rotator plate has been supplied but will need mounting ears to fit the tower. One or two people who can measure and supply simple drawings to a firm that can manufacture these items are needed. Please contact any executive member if you are willing take this on. Guidance can be supplied. One suggestion is to remove the top tower section and take it to a local fabricator.

The fall arrest course is being rescheduled – not sure when. Anyone wanting fall arrest training should contact Safety Officer Malcolm MacDonald, VA1MMD
malcolmm1@gmail.com
to reserve a spot on this course.



WHAT CAN YOU DO FOR THE CLUB

It is the time of the year to get people to step up for different tasks in the club. There are many individual positions such as Field Day chair, Flea Market chair etc. as well as executive positions. Some of the people will stay in their current positions or move to a new position but there are many positions and tasks that require someone to take on. Look at the front page of the newsletter to see what positions we fill. If you see something that you are interested in please let an executive member know. If a position already has someone you may want to help that person on the committee.

HARC has a stock of **Anderson Powerpole connectors** for sale at \$15 for a bag of 10 - \$1.50 each (for a red and black connector 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 are included and are also in the 2012 Callbook.

Contact Fraser, VE1WO –
fmac@eastlink.ca

Or Bill, VE1MR –
bowser.elliott@ns.sympatico.ca

AS A KID, I USED TO WATCH THE WIZARD OF OZ AND WONDER HOW SOMEONE COULD TALK IF THEY DIDN'T HAVE A BRAIN. THEN I GOT SOCIAL MEDIA.

HARC September 17, 2022 MEETING AGENDA

Welcome:

Acceptance of the September 2022 General Meeting Agenda:

Motion by:

Second by:

Carried: yea nay

Acceptance of the June 15, 2022 General Meeting Minutes:

Motion by:

Second by:

Carried: yea nay

Silent keys:

Thomas G. Reid, VE9TGR - Saint John , N.B. – June 28

John "Jack" Higby, VE1ZN – Yarmouth N.S. – July 20

Bernard "Bernie" Conrad, VE1PT – Pine Grove N.S. – July 25

Christopher St Clair Foley, VE1CSF – Windsor N.S. – August 14

PRESIDENT REPORT: BRIAN, VA1CC

Treasurer report: Bill Simm, VA1ALW

Motion by Bill, VA1ALW

Second by:

Carried : yea nay

Station Manager report: Don Trotter, VE1DTR

Education: Jason, VE1PYE

HATS update: Gary Murphy, VA1GGM

SARS update: David George, VE1AJP

Old Business:

Station 50 update

Cowie Hill projects update

Remote Station

New Business:

90th Anniversary – Ritchie, VE1RL

Membership renewals/reminders/Reflector issue – Tim/Brian

Provincial Exercise – HATS/HARC/EMO – discussion – Gary/Brian

ROUND TABLE:

Adjournment @

Entertainment: presented by Richie, VE1RL

Respectfully submitted: Brian Allen, VA1CC President- HARC

There is great need for a sarcasm font.

*Frame every so-called disaster with these words
'In five years, will this matter?'*

When Insults Had Class...
"He had delusions of adequacy." - Walter Kerr

Man who run in front of car get tired.

**Halifax Amateur Radio Club
Virtual General Meeting Minutes
15 June 2022**

1. Welcome to the HARC virtual Zoom monthly meeting for June 15, 2022: The virtual meeting was called to order by President Brian, VA1CC at approximately 1907.

2. Acceptance of the Agenda:

A request was made to accept the June agenda. Doug, VE1LDL moved for the agenda to be accepted. Bill, VE1MR seconded. The motion was approved virtually, 19/0.

3. Approval of the Minutes:

A request was made to accept the May 2022 minutes as printed in the Reflector. Tim, VE1XR moved the minutes to be accepted. Scott, VE1QD seconded. The minutes were approved virtually, 19/0.

4. Report of any Silent Keys:

The following amateurs in the Maritimes have passed since the last club meeting of May 18, 2022 and included are those since the June 15th meeting for this September issue of the Reflector.

Christopher St. Clair Foley, VE1CSF
Windsor NS - August 14th, 2022

Bernard "Bernie" Conrad, VE1PT
Pine Grove NS - July 25th, 2022

John "Jack" Higby, VE1ZN
Yarmouth NS - July 20th, 2022

Thomas G. Reid, VE9TGR
Saint John NB - June 28th, 2022

Wayne H. Whynot, VE1WHW
Milton NS - June 8th, 2022

Roger G. Boss, VE1TNN
Fenwick NS - June 2nd, 2022

Betty Boss, VE1ETT
Fenwick NS - June 2nd, 2022

Vernett "Vern" Smith, VE9VS
Fredericton NB - May 28th, 2022

Additional information can be viewed at: maritimeamateur.ca

5. Correspondence:

Nothing to report.

6. President's Report:

Brian, VA1CC will highlight some Field Day items. Bill, VE1MR has submitted a work plan to HRM for future antenna work at Cowie Hill and Station 50. Dick, VE1AI will make a presentation on the Maritime Museum of the Atlantic Wireless Room after the Club business meeting.

7. Treasurer's Report:

Bill, VA1ALW reported the financial activity for the month of May and gave a detailed report of the monthly income and expenses as well as reporting the opening balance and closing balance for the month.

Bill, VA1ALW moved to accept the May financials. Dick, VE1AI seconded, the motion passed virtually 22/0.

8. Station Managers Report:

Don, VE1DTR reported still doing battle with the RigPi for the remote station. Don is planning to take the unit over to Greg, VE1GFX for review. None of the club's Windows 7 laptops sold at the Flea Market. A desktop with Windows 10 is also available. Dick, VE1AI made a pitch for one of the units for the Museum. Executive will handle the transfer. Bill, VE1MR reported that both the VHF and UHF functions at the club via using two different antennas at Station 50. The new replacement antenna is in hand.

9. Safety Officer Report:

Malcolm, VA1MMD reported Don Mosher has access to a 130' lift, a date to do the Cowie Hill work needs to be nailed down. There are some new procedures/safe work practices to be put into the safety manual. The fall arrest course is targeted for September, a work in progress. The rescue Kit is now in the Club's possession. An email will go out to the guys from the climbing course regarding the fall arrest training.

10. HATS/SAR report:

Dave, VE1AJP away at a Blue Jays

baseball game hanging a Nova Scotia banner over the front row seats railing!

11. Education Report:

Jason, VE1PYE reported no inquiries last month. Brian has given an exam with a couple more in the works.

Old/New Business:

Flea market: It's now history! The Flea Market was held June 4th.

Field Day: No co-ordinator has stepped forward to lead Field Day, though there are many who will help, it was discovered that the club trailer generator is not reliable and needs attention. Therefore at this late date, operation will be the same as last year for a myriad of reasons. Next year presents a case for a real field exercise at a location suitable for multiple transmitters! For this year, individuals can submit their individual home/portable/etc. station scores under their own callsign with designation of affiliation with Halifax Amateur Radio Club in the log submittal and all the like Halifax club scores will be added together by the ARRL.

HARC 90th anniversary: Brian noted Ritchie, VE1RL is reviewing the 75th Anniversary documentation with Scott VE1QD to filter out what could be implemented in 2023 for the 90th event.

Summer activities, there was a Car Rally, late notice. Museum of the Atlantic will hopefully start up, once the details are worked out

Possible new Repeater Site Hwy 333 (Prospect Road) near Blind Bay - still under investigation.

Bill, VE1MR moved for Adjournment of the HARC business portion of the meeting to move into the entertainment.

Respectfully submitted by Roger Stein, VA1RST, HARC Secretary



In this sweeping history, author Spurgeon G. Roscoe takes a look at the world of amateur radio in North America and the special role the Halifax Amateur Radio Club (HARC), of which he is a member, played in it, from the time of the World Wars all the way to the present day. Roscoe presents an account that is at once intimate and wide-ranging, covering topics from ama-

teur radio's role on the Canadian ships of the 1920s and '30s and during wartime to the involvement of women in the craft, to the technical details of how some of the equipment involved has evolved over time, to a detailed look at the American Radio Relay League and what has appeared in the pages of its membership journal, QST, over its many years in circulation. His own deep, nearly lifelong involvement in amateur radio not only brings a deep base of knowledge to this ambitious project, but a particularly penetrating and oftentimes sentimental lens to it, too—particularly when it comes to documenting the activities of HARC and the many members who have passed in and out of it over the years. Expansive and detailed at once, *Radio History: Amateur Radio* is essential reading for anyone involved or interested in the hobby worldwide.

Deeply involved in the world of amateur radio for many decades, Spurgeon G. "Spud" Roscoe first fell in love with the hobby in 1956, when he began training with the Radioman Special Royal Canadian Navy. After graduating in 1961, he went on to graduate from the Radio College of Canada in Toronto, Ontario, the Air Services Training School in Ottawa, Ontario, and the National Radio Institute in Washington, DC. He has his First Class Certificate of Proficiency in Radio and his Coast Guard Radiotelegraph Operators Certificate. He has operated radio as a radio officer aboard HMS Bounty, in a teaching capacity for young learners interested in the hobby, and as part of the Halifax Amateur Radio Club and the many activities in which they are involved, such as competitions like Field Day. He lives in an apartment in Halifax with his wife of sixty years and continues to operate his station, with call sign VE1BC, to this day.



At the July pizza night Spud, VE1BC presented a signed copy of his book to the Halifax Amateur Radio Club. Accepting the book is Brian, VA1CC, President of HARC. 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 and copies will also be held by Brian, VA1CC and Fraser, VE1WO.

To purchase a book please contact Brian, VA1CC – basailor@eastlink.ca 902-489-4656. Or Fraser, VE1WO – VE1WO@eastlink.ca.

The Maritime Amateur 2.0

<https://maritimeamateur.ca/>

This website has been set up to provide news and information for amateur radio operators in the Canadian Maritime provinces:

Nova Scotia, New Brunswick & Prince Edward Island.

This is also a great site for visitors to the area.

It is an upgrade from the original site I started as RAC Section Manager for the Maritimes in 2008. That site had over one hundred and thirteen thousand visits.

If you have questions or info you would like to share with your fellow amateurs use the contact form on the web page.

Webmaster: Jim Langille VE1JBL

SHOULD WE BE CONCERNED ABOUT BLUEWALKER 3?

Later today, SpaceX will launch an unusual satellite: BlueWalker 3. Designed to supply 4G cell phone signals from space, BlueWalker 3 will unfurl a large antenna spanning 64 square meters--the size of a squash court:



This flat surface orbiting 500 kilometers above Earth will reflect a lot of sunlight, which could make the satellite extremely visible to observers on the ground. It could become brighter than the planet Venus, outshining everything in the night sky except the Moon.

While this is only a single satellite for now, BlueWalker's maker AST Space-Mobile plans to launch more than 100 larger satellites called BlueBirds. These satellites, which could be more than twice the size of BlueWalker 3, would appear even brighter in the sky.

For astronomers, the satellites could create bright streaks across images from ground-based telescope, potentially making them unusable for observing more distant objects.

Should we be concerned? Maybe. First let's see how bright BlueWalker 3 actually is. It is scheduled to launch from Cape Canaveral on Sept 10th between 9:10 p.m. to 9:20 p.m. EDT. A batch of 34 Starlink satellites will share the ride.

HATS Update

The Pandemic has hit our training hard but we are getting back into the swing of things. There will be an upcoming Winlink training session this fall.

There will be a large multi entity exercise in November and the details will be released in a week or two.

I am attempting to have a group meeting this month to get us all back on the same page and see if there are any suggestions.

Thanks - Gary Murphy VA1GGM phone: 902.461.9416 cell: 902.229.4658
31 Tremont Street, Dartmouth, NS, B2Y 1X1 garygmurphy@gmail.com

**Registration for the RAC
Basic Amateur Radio
Course is now underway.**

Radio Amateurs of Canada is once again offering an online Amateur Radio course so that individuals from all across Canada – and even abroad – can obtain their Amateur Radio Operator Certificate with Basic Qualification.

Course information:

The course will again be conducted with the assistance of the Annapolis Valley Amateur Radio Club (AVARC) of Nova Scotia.

This course prepares students for the Innovation, Science and Economic Development Canada (ISED) Basic Qualification Level Operator Certificate exam to operate on allocated Amateur Radio frequencies.

Date:

As described below the course will be held on Sundays and Thursdays commencing on Thursday, September 29 and ending on Sunday, December 4.

Time:

Classes will be held on Thursday evenings from 6 pm to 9 pm (1800 – 2100) Eastern Time and Sunday afternoons 1 pm to 4 pm (1300 – 1600) Eastern Time. Classes will be recorded, so occasional absences are not a problem.

Cost:

The registration fee for the course is \$50 plus GST/HST. The cost of the Basic Study Guide is extra and an order link will be provided upon completion of payment.

The course instructor is Al Penney, VO1NO, and he has taught the Basic Qualification Amateur Radio Course since 1994.

It is essential that all students have the necessary equipment and bandwidth capable of taking the course – at least a tablet or PC and a DSL broadband connection.