



The Halifax Amateur Radio Club

# REFLECTOR



2050 Hammonds Plains Road  
Hammonds Plains, NS  
B4B 1P3

January 2022, Volume 83 Number 1

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



## HARC Monthly Meetings Continue to be Virtual Remember to renew your membership

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. - VACANT		
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  
burch.craft@gmail.com

QSL Bureau Mgr - Roger Stein, VA1RST 403-3738  
EMO Coordinator - David George, VE1AJP 466-8723  
EMO Trailer coordinator - VACANT  
dgeorge@dal.ca

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 electronic Dist. - Tim Delaney, VA1TIM  
valtim@rac.ca

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

Basic ham course - Jason Ingraham, VE1PYE 292-9924  
VE1PYE@bellaliant.net

2022 Flea Market Chair - John Bignell, VE1JMB  
johnmbignell@gmail.com

2022 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 2022 General Meeting** of the Halifax Amateur Radio Club will take place Wednesday January 19 at 1900 .

The method (**virtual**) and 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.

**Currently there is limited access to Station 50.**

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

**Deadline for submissions to the February 2022 Reflector is Saturday Feb. 5, 2022**

### NOTICE OF MOTION

There will be a motion to send \$5 to NSARA for every full HARC member. Thus every full member of will be a member of NSARA and all full members will be sent a PDF NSARA membership card. This motion is approved by the executive.

### Take-15 Net Controllers

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



Jan.	16	Cam	VE1BIT
Jan.	23	Bill	VA1ALW
Jan.	30	Cam	VE1BIT
Feb.	6	Bill	VA1ALW
Feb.	13	Cam	VE1BIT

### ATTENTION

We are in desperate need of net controllers. The executive is very disappointed that more HATS members have not volunteered to do this simple task. The net generally takes about 20 minutes 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

**JANUARY CONTEST SUMMARY**

January 6  
 Walk for the Bacon QRP Contest  
 CWops Mini-CWT Test  
 CWops Mini-CWT Test  
 RTTYOPS Weeksprint  
 NRAU 10m Activity Contest  
 EACW Meeting  
 SKCC Sprint Europe

January 7  
 NCCC RTTY Sprint  
 QRP Fox Hunt  
 NCCC Sprint  
 K1USN Slow Speed Test

January 8  
 PODXS 070 Club PSKFest  
 YB DX Contest  
 Old New Year Contest  
 SKCC Weekend Sprintathon  
 RSGB AFS Contest, CW  
 ARRL RTTY Roundup  
 EUCW 160m Contest

January 9  
 NRAU-Baltic Contest, SSB  
 NRAU-Baltic Contest, CW  
 DARC 10-Meter Contest

January 10  
 K1USN Slow Speed Test  
 4 States QRP Group Second  
 Sunday Sprint  
 OK1WC Memorial (MWC)

January 11  
 Worldwide SSB Activity Contest  
 RTTYOPS Weeksprint

January 12  
 QRP Fox Hunt  
 Phone Weekly Test - Fray

January 12 Continued  
 CWops Mini-CWT Test  
 VHF-UHF FT8 Activity Contest  
 CWops Mini-CWT Test

January 13  
 CWops Mini-CWT Test  
 RTTYOPS Weeksprint  
 EACW Meeting

January 14  
 NCCC RTTY Sprint  
 QRP Fox Hunt  
 NCCC Sprint  
 K1USN Slow Speed Test

January 15  
 Malaysia DX Contest  
 Hungarian DX Contest  
 PRO Digi Contest  
 UBA PSK63 Prefix Contest  
 North American QSO Party, CW  
 ARRL January VHF Contest  
 WAB 1.8 MHz Phone  
 Feld Hell Sprint

January 16  
 RSGB AFS Contest, Data  
 Run for the Bacon QRP Contest

January 17  
 K1USN Slow Speed Test  
 OK1WC Memorial (MWC)

January 18  
 Worldwide SSB Activity Contest  
 RTTYOPS Weeksprint

January 19  
 QRP Fox Hunt  
 Phone Weekly Test - Fray  
 CWops Mini-CWT Test  
 VHF-UHF FT8 Activity Contest  
 CWops Mini-CWT Test

This is being sent to all amateur radio organizations in the Atlantic area.

Planning for SMART 2022 is ongoing and all we need is for the pandemic to cooperate.

Several individuals have volunteered to do a good cross section of presentations.

We've had a request for a session on wire antennas, chokes and baluns.

Recommendations on who could develop a presentation on this subject would be welcome.

The schedule in the link below has been modified from past years.

<https://www.westcumb.ca/s-m-a-r-t-2022>

Happy New Year!

George Dewar - [dewarg@bellaliant.net](mailto:dewarg@bellaliant.net)  
 Or [vy2gf@rac.ca](mailto:vy2gf@rac.ca)

**Due to the global pandemic most if not all events have been cancelled. See page 2 for coming events. You can also read about possible alternatives for some events in the following pages.**

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

Yearly rates are:  
 Full = \$30  
 Associate = \$15  
 Family (2 members) = \$45 + \$15 for each additional family member at the same address (receive only 1 newsletter). Use the Membership form on page 6 of this Reflector or Go to the HARC website or contact Membership Chair

**This Space Could Have Contained Your Item**  
 -ed.

The HARC Reflector is "your" local ham radio club publication. Please share any information, pictures, articles, URL's questions, etc. that interest you by sending to editor Lynn, VE1ENT at [bowser.elliott@ns.sympatico.ca](mailto:bowser.elliott@ns.sympatico.ca) Please title "for Reflector" So I do not miss it. Any changes for publication will be because your editor altered grammar, spelling, or due to space constraints or for diplomatic or risk of law suit reasons.

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 Rotory <http://www.novascotiawebcams.com/halifax/armdale-rotary.html#axzz1AmMziRUo>

**PRESIDENT'S MESSAGE for November, 2021**

First of all let me say a belated Happy New Year to all our members and their families. Let the new begin with lots of propagation and a renewed interest in all modes of radio and our club. Last year was another year of minimum activity for the club due to Covid-19 and its variants. I am not sure yet as to how this year will play out for us.

We do have some activity at the club coming up and that is finally the install of our 30 ft. Tower for our satellite antennas and a new hf vertical antenna. Now that the base is in we need the weather to co-operate so we can assemble the tower - basically 3 – 10ft sections to bolt together and a hinge assembly at the 10ft mark with raising apparatus. We will need about 6 people to do this job and then of course there is the cabling, actual antennas and testing. I will be watching the weather for a Saturday that is good over the next couple of weekends and will let folks know the date and time...

We are still planning our Flea Market, however at this point in time it is not looking good and the government has imposed a limit of how many can gather indoors...this may change as it really is far enough out to have things change.

Other activities such as Museums ship weekend: Museum of the Atlantic: the walk a thon / bike a thon: field day and others are in jeopardy.

As my note to all members indicated, Don Mosher- EMO- is looking to gather all card information related to the radio club - seems Gary, VA1GGM is doing this for the HATS GROUP AND I am doing it for our members who are not part of the Hats team. We need your name - card number and expiry date on or before Jan.19/22. Many cards are coming due and need to be renewed. Please send me the info as it is written on the card. Bob, VE1BFX is doing it for the Dartmouth club membership.

Radio has come alive these days as the numbers related to propagation have improved dramatically. There is a new award available to those who work III THRU 9 WRTC- ITALY- THEY ARE ON ALL BANDS AND ALL MODES for you to work... 3b9fr- Rodrigous island is on as well. Always lots of contests on for those who like to compete - good for awards and great practice when it comes to handling traffic on a crowded frequency when it could apply to our emergency net control. Something for everyone.

Please take a few minuets to renew your membership whether it is online or snail mail...Bill, VA1ALW is always ready to accept money in any form.

We are looking for some one to take on the job of ENTERTAINMENT Co-ordinator who will work closely with Scott, VE1QD to become familiar with how this task is done and then Scott will step away but always there for advice. Please let any member of the executive know of your interest in this special job for the club.

Well, not much else for now, but I am looking forward to our first virtual meeting on Jan. 19/22. It will be good to see everyone and hear stories about the Holidays. Your radio experience and so on. Take extreme care of your selves and your family as we work thru the Omicron variant.

73 – Respectfully submitted - Brian Allen, VA1CC, President of the HARC

Quote by George Burns  
May 29, 1903 - July 27, 2003

ON HIS EARLY FAILURES

*'I would not have had anything to eat if it wasn't for the stuff the audience threw at me.'*

HARC has a stock of **Anderson Powerpole connectors** for sale at \$15 for a bag of 10 sets - \$1.50 each (each set is a red and black connector and 2 contacts for one complete connector). 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.



The QSO Today Virtual Ham Expo returns on March 13th and 14th, 2022, on our vFairs virtual event platform. Our August 2021 Expo was a great success. Like a “live” event, our Expo has an exhibit hall with booths of every size, for you to meet prospective customers, chat with old ones, and demonstrate your new products in our integrated Kumospace lounges.

This is the 4th QSO Today Virtual Ham Expo. We continue to attract 6000 to 10,000 registered attendees each time. What’s more - you never have to leave your home or office to attend, making this the most cost effective way to meet your audience.

For more information, please click on this link to receive our Exhibitor Prospectus with a sponsorship level for every size business, club, or non-profit organization.

Here is the link again: <https://airtable.com/shrrFDKAUBHT3da32>

See you at the Expo!

Regards, Eric Guth, 4Z1UG Tel: 213-577-0091

[eric@qsotodayhamexpo.com](mailto:eric@qsotodayhamexpo.com)



## Call for Speakers

Los Angeles, CA - December 1, 2021 - The QSO Today Virtual Ham Expo, ham radio’s largest virtual on-line event, returns on March 12-13, 2022. This is the fourth virtual amateur radio convention since its founding in August 2020 that began out of the Covid-19 Pandemic. It has become a mature event looked forward to by hams who like the opportunity to hear the best amateur radio speakers, network with other hams, and visit amateur radio exhibitors in the virtual exhibit hall, without leaving their home or office.

This is an open call for presentations and speakers on any amateur radio topic that would be of interest to other hams. To find our more information about speaking at the “Expo”, please follow this link:

<https://www.qsotodayhamexpo.com/speakercall.html>

73, Eric Guth, 4Z1UG

### Points to Ponder:

If a mute swears, does his mother wash his hands with soap?

If one synchronized swimmer drowns, do the rest have to drown too?

If you are cross-eyed and have dyslexia, can you read all right?

Why is bra singular and panties plural?

### CHINESE PROVERBS

Man who run behind car get exhausted.

Man who live in glass house should change clothes in basement.

Q: Why do little boys whine?

A: They are practising to be men.

Some minds are like concrete, thoroughly mixed up and permanently set.

.Seen it all, done it all. Can't remember most of it.

### Halifax Amateur Radio Club Virtual General Meeting Minutes 18 November 2020

1. Welcome to the HARC virtual monthly meeting for November 18, 2020: The virtual meeting was called to order by President VA1CC Brian at approximately 1930.

#### 2. Report of any Silent Keys:

The following amateurs in the Maritimes have passed since the last club meeting:

Donald M. Rhyno, VE1BAH

October 10th, 2020 Liverpool NS

Robert "Bob" Anderson, VE9BMA

October 13th 2020 Moncton NB

James "Buddy" Boone, VE1VRM

October 19th 2020 Trenton NS

Robert "Bob" Davidson, VE1RP

Nov. 9th 2020 Mount Uniacke NS

Phillip G. Cyr, VE1PGC

Nov. 11th 2020 Saint John, NB

Additional information can be

viewed at <https://www.westcumb.ca/maritime-silent-keys-2020>

#### 3. Acceptance of the Agenda:

A request was made to accept the agenda as presented by Brian, VA1CC a motion was made by Don, VE1DTR to accept the agenda, seconded by Dick, VE1AI. The motion was approved by a Zoom vote of 20 of 21, 1 abstention.

#### 4. Approval of Minutes for

September 2020 as printed in the October Reflector:

A motion was made by Bill, VE1MR to approve the minutes, seconded by Fraser, VE1WO. The motion was approved by a Zoom vote of 19 of 19.

Approval of Minutes for October 2020 as printed in the November Reflector:

A motion was made by Jason, VE1PYE to approve the minutes, seconded by Lynn, VE1ENT. The motion was approved by a Zoom vote of 21 of 21.

#### 5. Treasurer's Reports:

Bill, VA1ALW reported the income

from the period of September 1 to September 30 and gave a detailed report of the monthly income and expenses as well as reporting the opening balance and closing balance for the month. A motion was made by Bill, VA1ALW to accept the September report, seconded by Don, VE1DTR. The motion was approved by a Zoom vote of 20 out of 23, 3 abstentions. (Note: there was not a quorum at the October meeting)

Bill, VA1ALW reported the income from the period of October 1 to October 31 and gave a detailed report of the monthly income and expenses as well as reporting the opening balance and closing balance for the month. A motion was made by Bill, VA1ALW to accept the October report, seconded by Tim, VA1TIM. The motion was approved by a Zoom vote of 23 aye to 1 nay. Bill also reported that e-transfers for paying dues be sent to [treasurer@halifax-arc.org](mailto:treasurer@halifax-arc.org). This info is also on the HARC website.

#### 6. President's Report:

Brian, VA1CC noted this year was heavily impacted by Covid but that credit goes to the Technical Group headed by Don, VE1DTR and the folks that spent time getting the remote station going namely Fraser, VE1WO, Greg, VE1GFX along with other members of the technical team. Brian commented on the young girl Arthur demonstrated morse code to at the museum back in 2016. She went on to write 3 US licenses along with her radiotelephone license. There was an article in the Reflector on Arthur's dedication and goodwill. Congrats Arthur. Brian commented on the large impact Covid had on the HARC normal yearly activities. The Field Day participation by HARC members has been reported in the December issue of QST. The Satellite tower is planned to be installed next year, funding

dependent. Don Mosher of HRM will be conducting an EOC familiarization training for the HATS team. The Annual General Meeting will directly follow this business meeting segment.

#### 7. Station Managers Report:

Don, VE1DTR reported the Technical Committee has been doing Website updates, namely the membership function. A lot of corrections of outdated information have been corrected. The Swap n Shop section has been disabled and removed from the RAC site as well due to a 'hack' into the system. A new method is being investigated to handle gear for sale or wanted. Stay tuned! A Webmaster is needed to manage the HARC site. Any volunteers out there?

#### 8. Search and Rescue:

Dave, VE1AJP reported a S&R member was out walking in the Prospect area and aided in the rescue of a woman, who sought safety in a tree, as she was surrounded by a pack of coyotes!

9. Other: Alastair VA1PAB reported that he met with Don Mosher and Erica Fleck both of HRM EMO though the Joint Emergency Management, JEM, meeting if there are any radio operators out in Musquodoboit Valley or Eastern Shore that would be willing to join the JEM team to assist with the Operation Handshake operation. Suggestions were given to Alastair by various club members, including making a request to the HATS group for additional exposure to operating procedures.

#### 10. Motion for Adjournment:

Doug, VE1LDL motioning to adjourn, Jason, VE1PYE seconded, the meeting was adjourned at approx 2035 hours.

Respectfully submitted by  
Roger Stein, VA1RST,  
HARC Secretary

**Membership Registration Process**

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

(1) Download and save our new 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 and print a copy and mail it along with appropriate cheque payment to our postal address. Halifax Amateur Radio Club  
 2050 Hammonds Plains Road  
 Canada B4B 1P3  
 Attention: Membership chair

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

· Download and save our fillable membership application form to your computer. Then open it in your PDF reader - we recommend Adobe Reader; fill it in and save it to your computer. Then, e-mail a copy of your completed mem-

bership application form to membership@halifax-arc.org **Please be sure to indicate on the form that you are paying by Interac e-money transfer.**

· Then, go to your on-line banking site and **send an Interac e-money transfer to treasurer@halifax-arc.org . e-Transfers are automatically deposited in the HARC bank account**

· The Treasurer will confirm receipt of the funds with you and will notify the Membership Chair.

· The Membership Chair will then issue a 2022 e-Membership Card by email confirming that your annual membership has been paid.

(3) Alternatively, you can come to one of our monthly club meetings and Membership Chair will be happy to renew your membership.

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

**The membership year is from January 1 to December 31.**

**For membership year: \_\_\_\_\_**

Same address as last year

New address

Are you a RAC Member (check one)  YES  NO

**Please complete the following (as applicable).**

E Mail Address: \_\_\_\_\_

Call Sign: \_\_\_\_\_

First Name: \_\_\_\_\_

Surname: \_\_\_\_\_

Street Address: \_\_\_\_\_

City/Town: \_\_\_\_\_

Province: \_\_\_\_\_

Postal Code: \_\_\_\_\_

Telephone: \_\_\_\_\_

**Membership options:**

Full Member, must be a licensed Amateur \$30.00

Associate member (Non Voting) \$20.00

Family membership \$30.00 + \$20.00 each additional licensed Amateur.

Name & Call of additional member: \_\_\_\_\_

Name & Call of additional member: \_\_\_\_\_

I would prefer to have the newsletter mailed to my home **at an additional cost of \$10.00 to the regular membership fee structure above.**

**Method of payment:**

e-Transfer

Cheque

Cash

Amount submitted \$ \_\_\_\_\_

**All members receive the newsletter, which is also available on the HARC website.**