



The Halifax Amateur Radio Club

REFLECTOR



2050 Hammonds Plains Road
Hammonds Plains NS
B4B 1P3

July 2020, Volume 81 Number 7
club web site is www.halifax-arc.org

Due to the fact that we cannot pick up mail or hold an in person meeting all members of 2019 and 2020 will receive the Reflector

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 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
QSL Bureau Mgr - Murray MacDonald (VE1BB) twomacds@ns.sympatico.ca
EMO Coordinator - David George, VE1AJP 466-8723 dgeorge@dal.ca
EMO Trailer coordinator - David Musgrave, VE1EDA 435-4333 ve1eda@rac.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 - Jim Calvesbert, VE1PPA jim.calvesbert@gmail.com
Reflector electronic Dist.; Jim Calvesbert, VE1PPA jim.calvesbert@gmail.com
Web site content Manager - Brandon Fowler, VE1BMF bmfowler95@gmail.com
Basic ham course - Jason Ingraham, VE1PYE 292-9924 VE1PYE@bellaliant.net
2020 Fleamarket Chair - John Bignell, VE1JMB 902-223-1945 johnmbignell@gmail.com
2020 Field Day Coordinator John Bignell, VE1JMB 223-1945 johnmbignell@gmail.com
Safety Officer - Pat Kavanaugh, VE1PK ve1phk@rac.ca
VA1MMA Project Manager - Dick Grantham, VE1AI rgrantham@ns.sympatico.ca
NSARA Director - Bill Elliott, VE1MR 865-8567 bowser.elliott@ns.sympatico.ca
Honorary Legal Counsel - Paul Radford, VE1ARH

Non Club Contacts

RAC Atlantic Director - Dave Goodwin, VE9CB ve9cb@rac.ca
RAC Section Manager - Dave Hull, VE1HUL d.hull@ns.sympatico.ca
RAC Assistant Director for HRM Scott Wood, VE1QD, 823-2191 ve1qd@rac.ca

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

The **July, 2020 General Meeting** of the Halifax Amateur Radio Club will be held Wednesday, July 15 - 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 no access to Station 50.**

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.

The HARC executive would like to congratulate Roger Stein, VA1RST on becoming a Canadian citizen in June 2020.

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

Take-15 Net Controllers

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



July	12	Cam	VE1BIT
July	19	Peter	VE1WIN
July	26	Gary	VA1GGM
August	2	Bill	VA1ALW
August	9	Cam	VE1BIT
August	16	Peter	VE1WIN

Please send any issues (broken links, missing information, etc.) found on the H.A.R.C. Website to our Website Manager, Brandon Fowler, VE1BMF, at bmfowler95@gmail.com

Deadline for submissions to the August 2020 Reflector is Saturday Aug. 8, 2020

Quote By George Burns May, 1903 - July 27, 2003

ON PRESIDENTS ' I have performed for 12 presidents and entertained only six.'

If you replace "W" with "T" in "What, Where and When", you get the answer to each of them..



Check into the Maritime Noon Net, week days at 12 noon on the Gore repeater, 146.640 – MHz

Hi Lynn

I'm reaching out to you to provide an important update about the QSO Today Virtual Ham Expo taking place on August 8-9, 2020. Below this email is a short document that contains some wording that you can share with your audience at Halifax Amateur Radio Club - The Reflector. We would love to have your readers and listeners participate in our inaugural event and would very much appreciate your help in sharing this with them. If I can answer any questions or provide additional information, please reach back out.

Thank you for your help with this!

Warm regards,

Brad Grob

QSO Today Virtual Ham Expo

Tel: +1-213-577-0092

QSO Today Virtual Ham Expo

Tel: +1-213-577-0092

brad.grob@qsoToday.com

QSO Today Virtual Ham Expo Confirms Packed Lineup Of 70+ Speakers

Los Angeles, CA: QSO Today host Eric Guth, 4Z1UG, announced that the first QSO Today Virtual Ham Expo taking place on August 8-9, 2020 has now confirmed a packed lineup of over 70 great speakers for the event. For more information about the speakers and to register, go to www.qsoTodayhamexpo.com. Attendance is free and there are early bird prize incentives (donated by sponsors) for registering by July 24, 2020.

There will be speaker tracks on a va-

riety of topics to ensure plenty of great content for everyone. For those new to the hobby, there will two tracks focused entirely on providing hands-on, simple practical advice for getting started in amateur radio. For example, Steve Johnson, WD8DAS, will be showing basic soldering techniques for repair of equipment and new construction projects. Marcel Steiber, AI6MS, will provide an overview on common battery types and will discuss the pros/cons of each chemistry, common uses/misuses, and everyday application tips for your latest amateur radio project.

For the experienced operator, there will be speakers on topics ranging from new techniques, equipment upgrading, 3D printing, and more. For example, Glenn Johnson, W0GJ, talk is entitled "Is 3 dB Worth a Divorce?" and covers everything you need to know about antennas. Jim Veatch, WA2EUI, discusses how to build a home brew QRP radio. John Portune, W6NBC, in "The Slot Antenna -- Undiscovered Country for Most Hams", presents how an ordinary satellite TV dish, accepted by most HOAs can be "slotted" to make an effective 2 meter or UHF outside antenna.

The Expo also features a fantastic youth track, led by Carole Perry, WB2MGP, that will feature amateur radio's future leaders. For example, Audrey McElroy, KM4BUN, is speaking on "Getting Girls Involved in STEM, Specifically Amateur Radio!" while Jack McElroy, KM4ZIA, is talking on "Highly Flying Kids

With HAB".

"One big challenge with a ham convention, whether in-person or virtual, is that the speaking content can easily become complicated and overwhelming. For our inaugural virtual Expo, we've made sure that there are great speakers for both beginners and experienced hams. We've asked all of our speakers to be laser focused on their topics while providing hands-on, practical advice. In addition, after each speaker finishes their talk, there will be a virtual live Q&A so participants can get immediate answers to their questions" said Eric, 4Z1UG.

Icom is the Expo's Platinum Sponsor, along with Gold Sponsors GigaParts, RT Systems, FlexRadio, RFinder, DX Engineering, Elecraft, RigExpert, and NCG Company (Comet Antenna).

For more information and to register, go to www.qsoTodayhamexpo.com. Attendance is free and there are early bird prize incentives for registering by July 24, 2020.

QSO Today Virtual Ham Radio Expo, KEG Media, Inc., 4470 W Sunset Blvd #92485, Los Angeles, CA 90027, USA, +1-213-577-0091



PRESIDENT'S MESSAGE for July, 2020

Well, summer made it to the east coast and the WEATHER is a whole lot better than it was. Great to get out and catch up on yard work and antennas, towers and feed lines. Gardening is great for the soul as well.

There is not much going on with regards to the club yet. We are still not able to get into the club but things could change soon as many of the restrictions are being slowly lifted. We may even be able to get some antenna work done up at Cowie Hill as there are antennas to replace and new feed lines to be installed, however this will probably be a climber install as opposed to using a zoom boom. As we all have heard, there are city budget cut backs to both police and fire and I am sure we are not at the head of the list for funds and projects.

The air waves have been very busy these past couple of weekends as there has been Field Day and the Canada Day contest as well as the 13 colonies contest. In the Field Day contest I did 78 cw and 2 ssb contacts: in the Canada Day contest I did 38 contacts of which 21 were ssb and 17 cw: and in the 13 Colonies I HAVE 13 OF 13 AND 1 OF THE 2 BONUS STATIONS. So all said I have enjoyed this past couple of weeks. I can only guess that not many of you took part in Field Day as I have received only 4 e-mails that said they participated, even John- HK3C in Columbia sent in his points for our club, so, if you are inclined to send me a short note as to whether you took part or not, would be great- otherwise we will wait and see in December how many people took part and what score we have accumulated.

I was in the club this past Saturday morning with Don Mosher and we did radio checks for the vhf/ uhf/ TMR and hf stations. We were unable to test the 900 mhz radio as there was no one in the other 2 sites to work with. There were 2 other pieces of mail. All is quiet.

The executive meeting is Wednesday night via a virtual session again with really not much to talk about. We are looking at a new software for our meetings and will probably make a decision on that based on effectiveness, cost, user friendly and reliability. Currently Cowie Hill activities are on hold pending new Covid-19 guide lines.

Should anything change, I will send out an e-mail outlining the news.

We will continue to have meetings this summer via virtual sessions as we missed a couple of meeting in March, April and May.

Our budget is In great shape.

You are all currently up to date as I am and I hope you all have a safe and enjoyable summer no matter how limited our activities may be and in what form your vacations takes place. Hopefully our borders will remain open here in the Maritimes and we can move around at least in our own bubble.

73 - Respectfully, Brian Allen- VA1CC, PRESIDENT- HARC

www.rac.ca
 RAC's web site has URLs to swap shops all over the country

The HARC digital repeater is under test on Fusion in Fall River area on 444.700 +

The Atlantic Amateur
 Ham Radio for the **Atlantic Provinces**
www.atlanticamateur.ca

Do you have pictures, an interesting or funny radio-related story, an article or a question 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

Here is something the NSARA could manage and give hams an adventure for portable operations. Think about it.
 Work All Nova Scotia Waterfalls <https://www.mrmmaps.ca/home/2019/5/30/waterfalls-of-nova-scotia>
 Doug Grace 902-456-0506

To view the activities of the Maritime Lighthouse Amateur Radio Group go to;
<https://www.facebook.com/groups/MLARG/>

**Halifax Amateur Radio Club
Minutes of the Virtual General
Meeting of 17 June 2020**

1. Welcome to the HARC virtual monthly meeting for June 17, 2020: The virtual meeting was called to order by President VA1CC Brian at approximately 1920 hours after getting his software working correctly.

2. Acceptance of the Agenda: A request was made to accept the agenda by VA1CC Brian.

3. Roll Call: Approximately 27 screens via GoToMeeting were visible on screen.

Member John Bartlett VA2KP who resides in Columbia as HK3C was online for tonight's meeting, John said he would be on as DX and contribute to the HARC FD effort. Welcome!

4. Report of any Silent Keys: VE1HD Clarence Humber of Bickerton West, NS passed away in May. VE1OP Scott Nichols of Sidney, NS also passed away.

5. Approval of Minutes of February 2020 as printed in the Reflector: A motion was made by VE1MR Bill, seconded by Don VE1DTR, motion passed.

6. Correspondence: Bill VA1CC again unable to pick up any mail since being signed in by Don Mosher EMO back in April due to the building being closed. In April a QST magazine was picked up along with some memberships and returned QSL Bureau envelopes.

7. President's Report: VA1CC Bill reported there will be a Field Day discussion after working through the agenda. VA1CC reported receiving the following membership information from Jim VE1PPA, Full Membership 87, Associates 9, Life 4, Complementary 17, and no responses from 22 previous members.

8. Treasurer's Report: VA1ALW Bill reported the income from the period

of May 1 to May 30 was in the amount of \$150. Expenses for the same period came to \$104.73 for a net of \$45.83. The opening May balance was \$11,359.80 and the closing May balance for the period was \$1,1405.63. Remember to use williamrs@outlook.com when doing a dues e-transfer. Contact Bill if you have any other questions. A motion was made by VA1ALW Bill to accept the report. VE1DTR Don seconded the motion, motion carried.

9. Other Executive Reports:

VE1PYE Jason reported on licensing education will be continued to be handled by the RAC online course until the situation resolves to allow us to get together.

VE1MR Bill suggested the club look at a formal subscription to on-line meeting software to be able to present on-line training locally. VE1FA Fred reported that while he is participating in presenting training segments for the current RAC training course, he finds it inferior to face to face.

10. Committee, Event and Special Projects Reports:

1. Station Manager Report

Don, VE1DTR figured out how to meet virtually, the new remote station needs Greg VE1GFX, Fraser VE1WO and Don VE1DTR to be able to meet together to work out the details for enrollment, however they can't get together due to the pandemic.

Security passes, the ID cards, will need to be reauthorized by security as they will have all expired.

2. SAR Report: Dave George, VE1AJP, reported that they were involved in the Porter Lake fire to provide assistance as needed. He reported a couple of ladies were involved in a hiking trail incident, very muddy, equipment got stuck, and a returning helicopter from the Porter Lake fire was able to land in

the area and pick the ladies up and deposit them at a baseball field. A later event involved a man with dementia being reported lost but returned home mid-afternoon on his own, a happy ending!

3. Other reports

A virtual meeting software discussion went on for several minutes. Final outcome was a motion made by VE1MR Bill to authorize up to \$400 to purchase software that would accommodate the needs of the Club. Seconded by VA1ALW Bill. The motion was passed. The July Executive will act on the motion.

4. Cowie Hill work, antennas and building all on hold until further notice.

5. VE1MR Bill reported that bags of 10 pairs of power pole connectors are available from the club for \$15 each bag.

11. Field Day: VE1MR Bill reported that there is a detailed report on upcoming Field Day in the June Reflector. Bill went over the various classes of Field Day operation and the scoring process for this year. Please familiarize yourself with these processes. Put Halifax ARC, when reporting your score to the ARRL, for Club affiliation. Instructions are on the forms for proper log submittal. Jim VE1PPA will send out an email with Field Day information from Brian VA1CC and Bill VE1MR.

12. Round Table - Member News: the brief sharing of important personal news:

13. 50:50 Draw: None

14. Motion for Adjournment: VE1PYE Jason was recorded as motioning to adjourn, meeting adjourned approx 2100 hours.

Respectfully submitted
by Roger Stein, VA1RST,
HARC Secretary



*The difference between an alcoholic
and a drunk?
Alcoholics have meetings*

In response to the global pandemic, **Radio Amateurs of Canada is once again offering an online Advanced Qualification Amateur Radio Course** so that individuals can upgrade their qualifications while continuing to practise social/physical distancing.

With your Advanced Certificate, you can run higher power, operate a remotely-controlled station, obtain operating privileges when travelling overseas, set up repeaters, be the trustee for club stations and even become an Accredited Examiner (AE).

This RAC Advanced Qualification Amateur Radio course is being presented exclusively to RAC Maple Leaf Operator Members – both present and future – and the only cost is the cost of membership.

For complete details about the RAC Advanced Qualification Amateur Radio Course please visit:

<https://www.rac.ca/amateur-radio-courses/advanced-course-for-maple-leaf-operators/>



HALIFAX AMATEUR RADIO CLUB MEMBERSHIP - For 2020

- Same address as last year New address
- I would like newsletter as PDF E-Mail (Please note by taking the newsletter online you save the Club significant mailing and printing costs)
- I would prefer to have the newsletter mailed to my home **at an additional cost of \$10.00 to the regular membership fee structure below..**



_____ E Mail Address (Please provide for our files)

Call Sign _____ Are you currently a RAC member? _____

First Name _____ Initial _____ Surname _____

Street Address (Mailing) _____

City/Town _____ Province _____ Postal Code _____ Telephone Number _____

- Fees Full Member, must be a licensed Amateur (\$30.00)* Associate member (Non Voting) (\$20.00)
- Family membership (one newsletter) (\$30.00)* + \$20.00* each additional person.* Amount submitted \$_____.

The membership year is from January 1 to December 31.

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

Please fill in method of payment cheque cash Interac/e-transfer

✉ Mail to: Membership Chair CARD _____
 Halifax Amateur Radio Club
 2050 Hammonds Plains Road ENTERED _____
 Hammonds PlainsNS B4B 1P3

Or if using Interac e-transfer to pay, please follow the instructions on the HARC website's Membership page for e-mailing this form and your Interac funds.

Payment Options ... In addition to mailing a cheque to the Club mailing address along with the application form, or paying at the January Club meeting, we have set up an electronic money transfer process. Go to the H.A.R.C. Website's membership page at <http://www.halifax-arc.org/pages/membership.html> for more details.