



The Halifax Amateur Radio Club

REFLECTOR



2050 Hammonds Plains Road
Hammonds PlainsNS
B4B 1P3

May 2020, Volume 81 Number 5
club web site is www.halifax-arc.org

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

HARC Club Station phone number - 902-490-6421

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Secretary - Roger Stein, VA1RST 403-3738 burch.craft@gmail.com
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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

Take-15 Net Controllers

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



May	17	Cam	VE1BIT
May	24	Peter	VE1WIN
May	31	Gary	VA1GGM
June	7	Bill	VA1ALW
June	14	Cam	VE1BIT

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 May 2020 Reflector is Saturday May 9, 2020

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

The May, 2020 General Meeting of the Halifax Amateur Radio Club will be held Wednesday, May - the method to be determined. 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.

Since the March meeting was cancelled we will attempt to approve the February General Meeting Minutes when we have a quorum at the next meeting.

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

Event for Your Calendar

May 23, - the **2020 Downeast Fleamarket** is cancelled

Field Day 2020 – June 27-28

Is currently being looked at – see other articles on the following pages.

It's as easy to lower your handicap as it is to reduce your hat size.



The **2020 Downeast Fleamarket** is cancelled for May and we are looking into possible dates later in the year. It might be likely that we cannot hold a flea market this year. We will book a date for 2021 while we are investigating what we can do in 2020.

*Dear girls who have been dumped,
There are plenty of fish in the sea... Just kidding!
They're mostly dead.
Sincerely,
BP Oil*

**NOTICE**

The club has purchased a new supply of Anderson Power Pole connectors and we need to count, bag and insert an instruction sheet into bags of 10 sets of connectors. Each connector set consists of a Red body, a Black body and 2 contacts. A small group of people can do this task in a fairly short time. If you are interested in helping please let Bill, VE1MR know by e-mail at:
bowser.elliott@ns, sympatico.ca

This will be scheduled once we can get back into Station 50.

*Only two things are infinite, the universe and human stupidity.
Albert Einstein*

RAC Welcomes the First Section Manager for Prince Edward Island

In a bulletin issued at the beginning of the year I noted that RAC members in Prince Edward Island who had been seeking a new separate Section for RAC ARES in PEI had been successful and the position was open for election. I am happy to report that the election process has concluded and I would like to congratulate William Caw, VY2CAW, as the new and first Section Manager for the PEI Section.

First, a bit of background. There are four levels of ARES organization: National, Section, District and Local. Sections are geographically-based administrative units organized to deliver RAC services to non-government organizations and governments through the ARES program. The senior RAC official in each Section is the Section Manager (SM). The SM appoints a Section Emergency Coordinator (SEC) for the Section. The SEC, in turn, appoints District Emergency Coordinators (DEC) for each region. DECs, in turn, appoint Emergency Coordinators for each city in their District.



The ARRL and RAC both have Sections and – as in the case of some other administrative structures that RAC inherited from the ARRL as a result of our shared history – the functions of our Sections have changed over the years to meet our particular circumstances.

William Caw, VY2CAW, is a second generation Amateur Radio operator having been introduced to Amateur Radio by his father G4ALV (SK). His father was a victim of polio and therefore William was co-opted into stringing dipoles, erecting rotating beams, running coax and soldering connectors.

William's first Amateur Radio Christmas present was an enormous radio receiver from a battleship (war surplus was in great supply) and William became an enthusiastic Short Wave Listener.

Many years passed and William emigrated to Canada. He joined the federal public service with Transport Canada, Emergency Preparedness Branch. In planning for Y2K, Amateur Radio featured as a backup resource in the Emergency Operations Centres and this reignited his interest.

He is currently living in Argyle Shore on beautiful Prince Edward Island and is a volunteer with the PEI Red Cross and is interested in the concept of Amateur Radio as a public service. He is a member of both the Charlottetown and Summerside Amateur Radio Clubs.

In the future, the Maritimes Section that had earlier coordinated the ARES activities in the three Maritime provinces will continue to be responsible for the activities in Nova Scotia and New Brunswick and the new PE Section will deal with the activities on Prince Edward Island. We look forward to reading about the new PE Section in the Public Service / ARES column and in the Section News in upcoming issues of TCA.

Glenn MacDonell, VE3XRA
RAC President and Chair

PRESIDENT'S MESSAGE for May, 2020

Good day all amateurs: I trust this note will find everyone in good health and spirits thru this very trying time. We have managed to minimize our trips away from the apartment for food and other items such as banking. I even had a virtual doctors appointment last week as we shared info and I must say this appointment went well.

Not only is this virus a proper pain so is the weather and the hardest one is the propagation for a deadly trio. Folks who have homes to look after may be better off in that they have something to do outside around there property, what ever that may entail. Apartment dwellers such as us and others thankfully in most cases have their radio for keeping their sanity intact.

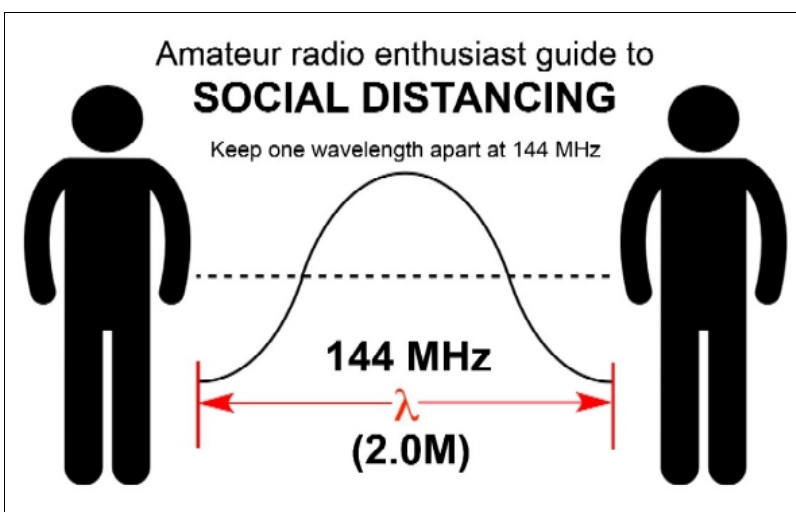
There really is not much to report this month as everything is still in closed mode and will continue for some time yet. There are some parks open but have conditions such as social distancing and gatherings limited to 5 people. Hopefully as time moves forward some or most of these restrictions can be removed. Personally, I know my daughter will have to postpone her wedding in New Brunswick because of the border closures and there is no intent to open the borders between provinces until after August if then. Bill and I have submitted a paper to HRM EMO outlining several possibilities to having a Field Day of some type but we have had to make some assumptions. It will be some time yet before we can make any plans for Field Day as this is a moving target.

We had a tech meeting last week and after much discussion, it appears that we are still not in a position to have a virtual on line meeting for the general membership. The teams needs more time to do this properly and need our patience as they sort out the security and technical issues involved. Anyone wishing to write an exam can get in touch with me and we can work out a way to do this in person as opposed to doing it online and video conference. Thanks to Don Mosher HRM EMO, I was able to gain access to the club and picked up mail and checked our radios for operation as it had been a couple of months since they were used and all is good on that front.

Lots of good dx on as is evident with Sheldon working New Zealand the other day, congrats for a good long distance contact. The Spanish event has ended am95 thru to am9ward and It is with pride that we can announce the following rankings in no particular order: Dick-VE1AI – #40 North America - #6 Canada: Mike-VE1ANU – #10 North America – #3 CANADA: Murray-VE1BB – #81 North America – #13 Canada and lastly Brian– VA1CC – #110 North America and #17 in Canada. Honestly we had a lot of fun doing that event and we were on 146.520 finding and giving out info on other stations that others may not have had both on cw and ssb and digital modes...this generated a lot of interest for those listening on the simplex frequency as we received many remarks about our willingness to share info and the fun we were having with it. Several of us are in discussion about having and holding a mini event for our membership and others who might have an interest in a mini dx fun event, how ever more details to follow on this.

Well, as this day draws to an end and so does this note to all, just let me say that I hope and pray we all can get thru this pandemic with out acquiring this virus and that everyone can be safe and minimize contact even with other family members as we sure do not want another run of this in the near future (fall and flu season). So, take care, watch the web site, face book and any special notes that may come out from our membership chair. Thank you for taking the time to read your Reflector and I am always available to talk with....

73 - Brian Allen, VA1CC, President of the HARC



Tower: "Eastern 702, cleared for takeoff, contact Departure on frequency 124..7"
Eastern 702: "Tower, Eastern 702 switching to Departure. By the way ,after we lifted off we saw some kind of dead animal on the far end of the runway."
Tower: "Continental 635, cleared for takeoff behind Eastern 702, contact Departure on frequency 124.7. Did you copy that report from Eastern 702?"
Continental 635: "Continental 635, cleared for takeoff, roger; and yes, we copied Eastern. We've already notified our caterers."



**New Manager of the VE9/VY2
Incoming QSL Bureau**

The VE9/VY2 Incoming QSL Bureau has a new Manager and a new address:

VE9/VY2 QSL Bureau
Rino Deschenes, VE9VIC, Manager
Box 921
Kedgwick, NB E8B 1A3



Rino Deschenes, VE9VIC, has taken over the Bureau, effective immediately. All credits, cards and information concerning the Bureau have been transferred to Rino. All Radio Amateurs with VE9 or VY2 call signs should ensure that they have credits and up-to-date address information so that Rino can forward QSL cards to you.

The Moncton Area Amateur Radio Club (MAARCI) has handled the Bureau for approximately 25 years. Over the past year, finding a new volunteer within the club has been difficult. Rino, VE9VIC, agreed to take on the task. Denis Guitard, VE9MUD, of MAARCI recently transferred all the assets of the Bureau to Rino's home in

northwestern New Brunswick.

RAC is very grateful to MAARCI, to outgoing Manager Denis, VE9MUD, and to the other MAARCI volunteers for their selfless work for Radio Amateurs across New Brunswick and Prince Edward Island. We wish Rino, VE9VIC, good luck with this new and important task.

Rino Deschenes, VE9VIC, was licensed in 1994. He holds Morse code (12 wpm) and Advanced qualifications. His main interest is DXing and CW. So far, Rino has worked 270 countries and 38 CQ zones. He has a few Canadian and American awards. He earned the QRPARCI's 1,000 miles per watt award for contacting VU2TMP in India with 5 watts. That was 1,558 miles per watt!

Antenna building and improving keep him busy during the summer. Rino also works a few contests such as the RAC contests, ARRL DX CW and CQ WW DX CW. He also enjoys chasing and activating parks for the CNPOTA and POTA programs. He also chases many special event stations and enjoys the CQ DX Marathon. Rino works 90% CW except when activating parks for POTA or CNPOTA.

He is a member of RAC, the ARRL, the Maritime Contest Club, SKCC, CWops, Fists, QRP ARCI, NAQCC and the True Blue DXers Club. He works in a private salmon fishing lodge. His other hobbies are bicycle touring when he can, playing guitar, badminton, and reading history and biography.

Rino has two wonderful daughters, Vicky and Stephanie, a grandson Xander and a granddaughter Chanel, and he thanks his partner Joyce for her support and patience.

Welcome aboard Rino!

Dave Goodwin, VE9CB, RAC Atlantic Director

**PEOPLE KEEP ASKING
"IS COVID 19 REALLY THAT SERIOUS?"**

LISTEN UP

CASINOS AND CHURCHES ARE CLOSED

**WHEN HEAVEN AND HELL
AGREE ON THE SAME THING**

IT'S PROBABLY PRETTY SERIOUS

"World Amateur Radio Day"

Special Event Certificates are now ready for download!

Thank you once again for participating in the first RAC "Get on the Air on World Amateur Radio Day" (WARD) Special Event on April 18, 2020!

The initial email bulletin that was sent earlier did not provide the correct criteria for obtaining the certificate. We apologize for the confusion.

Here is the correct criteria:

Those contacting one or more

of the following RAC official stations during the event are eligible for a special commemorative certificate noting their participation in RAC's "Get on the Air on World Amateur Radio Day" Event. The RAC official station call signs are: VA2RAC, VA3RAC, VE1RAC, VE4RAC, VE5RAC, VE6RAC, VE7RAC, VE8RAC, VE9RAC, VO1RAC, VO2RAC, VY0RAC, VY1RAC and VY2RAC.

Participants simply needed to complete one or more contacts,

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Stay Home DX Chase

I am proposing a new activity to promote fun, friendship and co-operation between anyone who enjoys or wants to enjoy HF DXing.

This activity should be open to any amateur in Nova Scotia.

The idea is this: We select a given 4 week period and work as much DX as you wish, starting from scratch, and using the DXCC country list, see how many countries you can work in the 4 week period.

Use your home station.....big or small and see how you do personally. I propose any and all modes, all bands, just like DXCC. If it would count for DXCC it counts for the DX Chase.

At the end we will count 2 stats as follows:

1. How many overall countries were worked by the group in the 4 weeks
2. How many DXCC entities combined were worked by the group. This would give an idea of DX activity, promote co-operation between stations, and further stimulate activity by chatting on VHF/UHF. E.g. If I worked 50 entities and Brian worked 50 entities that would be a total of 100. If in that total there were 65 distinctive Countries that would be 65 overall countries.
3. There is no prize as this is not a challenge it is an activity.....fun and co-operation.
4. The idea is to get **both** numbers as high as possible.
5. Final results could be published in the HARC Reflector and list calls, DXCC countries by callsign, and maximum power used by that station, the grand total of unique DXCC countries worked by the group, and the total number of ALL DXCC entities worked by the group.

Who's in? Send me an e-mail with your comments.

Dick VE1AI rgrantham@ns.sympatico.ca

QSL BUREAU UPDATE

Recently the QSL Bureau received approximately 3000 QSL cards. Most of those cards, as well as others on file, have been distributed to the card holders.

However, the Bureau has had a number of QSL cards returned by Canada Post as a result of incorrect mailing addresses. If your call is listed below, would you please let the Bureau know your correct address. If you do not wish to receive QSL cards, please advise the Bureau accordingly.

The following were returned as a result of having an incorrect address:

VE1ANG	VE1AKT	VE1AAV	VE1AYY
VE1BT	VE1KC	VE1KCO	VE1KRE
VE1KTB	VE1LPL	VE1LU	VE1MEA
VE1RAB	VE1RST		

We have several amateurs with cards on file (some with 100 plus cards) either with no address or insufficient funds. These will be discarded April 30, 2020 if we have not received a correct address and sufficient funds to process them. The mailing costs equate to the actual cost charged by the Post Office plus a .50 Bureau administration fee. If picked up at the Club Station or at any of the flea markets that the Bureau is present, the cost will be the .50 administration fee. It is not our Bureau, it is YOURS and we are administering it on your behalf. You can assist us by the following:

- 1) Advising if you have changed your address.
- 2) Ensuring that you have sufficient funds on deposit,
- 3) If you do not wish to receive QSL cards, please advise the Bureau. Also, you can advise those that you work that you do not exchange QSL cards, and that you can note the same on your DxWatch.com page.
- 4) If you are a new amateur, please advise the Bureau of your name, callsign and address and whether or not you wish to receive QSL cards. We currently have received hundreds of QSL cards for which we have no information on file. These also will be discarded on April 30, 2020 unless claimed.

The Bureau will operate only with your cooperation and input. We are currently reviewing all cards on file, some back to the 1990's and many, if not all of these will be discarded also.

**Halifax Amateur Radio Club
Minutes of the General Meeting 19
February 2020**

1. Welcome to the HARC monthly meeting for February 19, 2020: The meeting was called to order by President VA1CC, Brian at approximately 1910 hours.

2. Acceptance of the Agenda: A motion was made to accept the agenda by VE1MR Bill, seconded by VA1RST Roger, the motion passed.

3. Roll Call: 36 members and visitors were in attendance.

4. Report of any Silent Keys: VE1AI reported that Eric Dephart a past member of the Greenwood Club, now a VE3 had passed, call not available.

5. Approval of Minutes of January 2020 as printed in the Reflector: A motion was made by VE1QD Scott, seconded by Fred VE1FA, motion passed.

6. Correspondence:

Andy Filmore MP visited Field Day last June and sent a Certificate of Achievement for finishing 1st in Canada and 8th overall in our class for Field Day 2020.

Banks statements were received from Scotia Bank.

The current month QST magazine was received and is in the rack in the office.

7. President's Report: Approval and the order of a new 30 foot foldover tower for the satellite antennas that were at St Andrews is in the works. Delivery is expected by the end of March with installation to follow. There will also be an HF vertical antenna installed on the top of the tower.

The Cowie Hill repeater site will undergo some antenna replacement and additions this year. A larger building to house the equipment and a location closer to the tower is being investigated. Keep an eye on the Reflector and the HARC website for

other items.

The following have passed the Advanced Class exam this past education training period, Tim Delaney, Don Trotter, Greg Estabrooks, Gordon Young, Gary Bugden, Ray Armstrong, Ralph Rosere, David Lewis, Cam Farnell, and Fraser McDougall. A round of applause followed to celebrate and acknowledge their achievement!

There will be a Ham Breakfast this coming Saturday the 22nd at the Young Street Steak and Stein at 10 am. See you there. So far 14 have indicated they will attend.

The Hobby Show will be at Shearwater on the 18th and 19th of April, contact Craig VE1JMA.

There will be a Ham Radio demonstration here at Station 50 with the Girl Guides with Dick VE1AI, Fraser VE1WO and Scott VE1QD on February 22nd at 2 pm.

8. Treasurer's Report: The income from the period of January 1 to January 31 was in the amount of \$1373.84. Expenses for the same period came to \$135.52 for a net of \$1238.32. The opening balance was \$9221.99 and the closing balance for the period was \$10432. A motion was made by VE1MR Bill to accept the report. VE1YL Helen seconded the motion, motion carried.

9. Other Executive Reports:

10. Committee, Event and Special Projects Reports:

1. Membership Report - From Jim, VE1PPA, reported by Brian VA1CC for 2020 there are 43 Full, 3 Associate, 4 Life and 18 associate (complimentary) members for a total of 68 members. Compared to last year at this time membership is down 17 members, please send in dues.

2. SAR/EMO - Dave George, VE1AJP was absent, there was a call received regarding a lost lady, she was found. George VE1CAW.

3. Station Manager Report - Don, VE1DTR absent due to illness, VE1GFX Greg. Technical committee member reported that the Remote Rig is up and running. A reminder that an Advanced class license will be required to operate the remote station. Sign-in and sign up for use protocols are being developed. Stay tuned for a forthcoming information session.

The internet service has been upgraded to Eastlink high speed to accommodate the new remote.

4. **Other reports**

MMA (Maritime Museum of the Atlantic) VE1AI Dick reported that we are gearing up for Spring Break in March, watch your email for a sign up sheet QSL Bureau, make sure that your address is updated with the Club and Radio Industry of Canada. Remember to contribute \$ to be able to receive your cards. HATS There will be a newsletter in the Reflector. Gary Murphy VA1GGM was not present.

5. Neil VE1YZ gave a report on the area repeaters VE1PKT (1983) and VE1CDN (1985), linking operations and the tie to the NSARA repeaters. The influx of the Yaesu promoted Fusion products has had an impact on repeater activity.

6. Fred VE1FA shared information regarding an Islands on the Air event, IOTA International competition sponsored by the Radio Society of Great Britain, RSGB, coming up this July 22-23. In the past, the NS competition team has usually placed first in North America operating from Bon Portage. Though, due to rising fees, two other locations are being reviewed. The sites being considered are Long Island and Little Tancook Island at approximately 1/2 the cost. The participating operators share in the cost. The group arrives at the site usually 2 days in advance to get the equipment to the site, boat,

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ferry, or other, and set up antennas and two operating positions in typically a rented cottage. Estimated costs are \$250/person for the Long Island site and \$350/person for Little Tancook. Sounds like a great experience! Contact Fred if you are interested.

7. Sheldon VE1GPY gave a summary report for Parks on the Air that was in the February Reflector. Over 24,000 QSO's were logged, and 2000 awards available via download for the Activators and Chasers.

11. Old Business:

1. Digital Repeater: Jason reported that the digital repeater is operational and awaiting better weather for antenna work.

2. Flea Market Chair/Field Day Chair: The Lower Sackville site has been secured. Table cost is \$10 and includes the seller's entry fee. John VE1JMB with assistants will be leading the effort, please contact him to volunteer for ticket sales, security, table set-up, and 50/50 draw. Thanks John!

12. Round Table - Member News: the brief sharing of important personal news:
Field Day sites discussion and radio check out to be done.

13. 50:50 Draw: \$32.00 is the amount tonight, Greg VE1GFX was the winner!

14. Motion for Adjournment: Bill VE1MR, motioned, meeting adjourned 2030 hours.

Respectfully submitted
by Roger Stein, VA1RST,
HARC Secretary



From the Mail Bag



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

Sent by Ken, VY2RU

Solar Panel installations cause RF interference in Switzerland

The USKA report the magazine Photovoltaik carries an article about the interference solar panel installations cause to radios

A translation of the USKA post says:

What we radio amateurs have known for a long time has now been publicly and well-reported.

The specialist magazine Photovoltaik has devoted its edition 2/2020 to the subject of radio interference from photovoltaic systems. The trigger was radio amateurs from Switzerland who had registered with the magazine.

Editor-in-chief Heiko Schwarzbürger, himself a qualified engineer MA, has written three very insightful articles based on interviews with experts on the subject and those affected.

The first article is an interview with Heinrich Häberlin, HB9AZO, professor emeritus at the Burgdorf University of Applied Sciences and operator of his own photovoltaic system. As the publisher of a comprehensive standard work on photovoltaics and many other publications, he is an important voice in the industry.

The second interview was conducted by editor-in-chief Schwarzbürger with dipl. El-Ing. ETH Emmanuel de Raemy from OFCOM, responsible for EMC issues. Mr. de Raemy is a regular participant in the meetings between OFCOM and USKA, which take place twice a year. He also clearly explains that the disturbances of PV systems are a problem for all radio services. However, it is usually the radio amateurs who are the first to discover and can assign them thanks to their technical knowledge.

In the third interview, a radio amateur spoke, who had such a hard time with the service provided by the unintelligible manufacturer because considerable faults were found.

We thank editor-in-chief Heiko Schwarzbürger for the very informative and well-founded contributions on the subject of EMC interference from PV systems, and hope that the awareness of the problem will raise the awareness of the installers and builders.

Bernard, HB9ALH, Board of Directors USKA

Magazine article

https://www.uska.ch/wp-content/uploads/2020/04/PV2-2020_DC-Optimierer.pdf

Source USKA post Photovoltaics disrupt radio traffic

<https://tinyurl.com/SwitzerlandUSKA>

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 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/>

HATS NEWS: MAY 2020

The Halifax Auxiliary Telecommunications Service (HATS) is an operational vehicle through which HARC and DARC contribute to emergency telecommunications when a man-made or natural disaster strikes our community. This service is a joint effort of amateur radio clubs in the Halifax region and functions under the direction of the Emergency Management Division of Halifax Regional Fire and Emergency (HRFE).

WHAT'S NEW?

Good evening this is the report from Gary Murphy the new HATS coordinator.

Radio checks from the EMO EOC Radio Room, Dartmouth Radio Club are continuing every Saturday morning and the HARC Radio Room on an adhoc basis.

Wednesday May 11th a test of HATS members ensuring they can reach the main repeaters that we will be using in HRM which are the VE1PSR, VE1DAR, VE1HNS, and VE1PKT repeaters will be carried out.

Don Mosher is tweaking the net controller course for us and is working on an Emergency Operations Center course for us there will be another message handling course in the future as well as ICS 100 course.

The HATS members that will be designated Duty Officers will be doing a virtual Duty Officer course in the very near future.

Hurricane season starts June 1st and HARC members as well as HATS members should ensure they are ready, confirm that your towers and antennas will survive heavy winds now if a hurricane comes our way. Whenever we are able we should start our individual preplanning to look after ourselves and our family in the event of a hurricane..

Please remain safe and if we are activated EMO will have in place measures to keep us safe and healthy if we have to operate as radio operators on their behalf. HRM have canceled our Emergency Measures activities as expected as well as the Volunteer Week Celebration. Please know that our volunteer contributions are still valued but the usual expression was not possible this year.

When bad weather is anticipated, please start assembling or checking your gear and considering when you can be

available, if requested. EMO does have a reasonable expectation that we will be able to meet their man/woman power needs, when they are requested of us. To reiterate some points posted on Facebook:

Do not self-activate.

Let the Duty Officer know about your availability. Letting the DO know you are not available is just as important!

Let the Duty Officer know if you are willing but have an issue, such as needing a ride, or whatever. If the emergency is grave and you are urgently needed, the issue will be resolved.

UP COMING EVENTS:

Every Sunday at 1930 hrs. the WinLink Express Practice Net holds its weekly schedule on 146.685 MHz. If you want more information about the net, please contact David Musgrave: ve1eda@bellaliant.net.

The last Tuesday of the month at 1900 hrs. Exercise Handshake takes place. It provides a monthly opportunity for new and experienced TMR2 users as well as VHF and HF users to familiarise themselves with that radio's functionality, test ham radio equipment and practice passing communications traffic in a non-emergency environment. More details can be found at <https://beta.novascotia.ca/documents/exercise-tmr2-users-exercise-handshake>

Remember to submit your HATS monthly volunteer time and travel data to Jim Calvesbert, VE1PPA
jim.calvesbert@gmail.com

Do you want membership information? Please contact Jeremy Fowler, VE1JHF. He is our membership officer and will see that you get the necessary information and application forms. His contact information is via email:
ve1jhf@gmail.com

73 de Gary Murphy
phone:902.461.9416
cell: 902.229.4658

31 Tremont Street
Dartmouth, NS
B2Y 1X1

garygmurphy@gmail.com

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

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

(Continued from page 4)

on any band and mode, with RAC official stations to earn their certificates.

If you meet the above criteria, simply visit the following webpage and enter

your call sign in the space provided; then click on the "Submit" button.

Certificate generator site:

<https://www.rac.ca/certificates/>

We will also be including an article

about the special event in the July-August 2020 issue of The Canadian Amateur and I would appreciate it if you would please send any comments to me at tcamag@yahoo.ca.

Alan Griffin, RAC MarCom Director

REMINDER

Have you renewed your membership for 2020? Have you changed your mailing address? Your E-mail address? Got a new call sign? We need to know your correct address to get the newsletter to you. Please inform Membership chair Jim Calvesbert, VE1PPA jim.calvesbert@gmail.com of any address changes

SENIOR'S DAY AT THE COURSE

David Letterman's Top Ten Reasons Why Golf Is Better Than Sex...



- #10... A below par performance is considered damn good.
- #09... You can stop in the middle and have a cheeseburger and a couple of beers.
- #08... It's much easier to find the sweet spot.
- #07... Foursomes are encouraged.
- #06... You can still make money doing it as a senior.
- #05... Three times a day is possible.
- #04... Your partner doesn't hire a lawyer if you play with someone else.
- #03... If you live in Florida, you can do it almost every day.
- #02... You don't have to cuddle with your partner when you're finished.
And the NUMBER ONE reason why golf is better than sex....
- #01... When your equipment gets old you can replace it!



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 Plains NS 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.