



The Halifax Amateur Radio Club

REFLECTOR



2050 Hammonds Plains Road
Hammonds Plains, NS
B4B 1P3

January 2023, Volume 84 Number 1

club web site is www.halifax-arc.org

REMEMBER – RENEW YOUR MEMBERSHIP Meeting in person and Virtual

HARC Club Station phone number - 902-490-6421

Executive

President - John Bignell, VE1JMB	johnmbignell@gmail.com
First V.P. - Jason Ingraham, VE1PYE 292-9924	VE1PYE@bellaliant.net
2nd V.P. - Ritchie Long, VE1RL 410-7167	VE1RPL@gmail.com
Secretary - Roger Stein, VA1RST 403-3738	burch.craft@gmail.com
Treasurer - Alastair Cox, VE1PAB	coxaf@eastlink.ca
Member-at-Large: - Vacant	
Station Manager: - Don Trotter, VE1DTR	don_trotter@hotmail.com
Past President - Brian Allen, VA1CC 489-4656	basailor@eastlink.ca
Director Emeritus - Bill Elliott, VE1MR 865-8567	bowser.elliott@ns.sympatico.ca

Committees/Offices/Prime Contacts

Government & Media Relations - Gary Murphy VA1GGM, 461-9416
garygmurphy@gmail.com
burch.craft@gmail.com
dgeorge@dal.ca

QSL Bureau Mgr - Roger Stein, VA1RST 403-3738
EMO Coordinator - David George, VE1AJP 466-8723
EMO Trailer coordinator – VACANT

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

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

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

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

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

Basic ham course– Vacant

2023 Flea Market Chair – Vacant

2023 Field Day Coordinator - Vacant

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

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

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

Honorary Legal Counsel – Paul Radford, VE1ARH

Non Club Contacts

RAC Atlantic Director - Al Penny, VO1NO	dir.atlantic@rac.ca
RAC Section Manager – Dave Hull, VE1HUL	d.hull@ns.sympatico.ca
RAC Assistant Director for HRM - John Bignel, VE1JMB	johnmbignell@gmail.com

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

The January 2023 General Meeting of the Halifax Amateur Radio Club will take place Wednesday January 18 at 1900 . The method (**hybrid – in person at the club and virtual**) the details will be sent in an e-mail. Check your e-mail for details as the date approaches. Also check the web site for any other updates.

There will be elections to replace the Secretary and Member at Large.

Tech-Talk: - Learn Morse Code

Dallas Wade (K1DW) and Frank Collins (K1EBY) will update us on the CW Academy Morse Code (online) Course for learning Morse Code and tell us about the CWops group, website and support material.

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

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

Take-15 Net Controllers

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



Jan. 15	Jeremy	VE1LAI
Jan. 22	Ken	VE1PDL
Jan. 29	Cam	VE1BIT
Feb. 5		
Feb. 12	Jeremy	VE1LAI

ATTENTION

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

GENERAL INFORMATION



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

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

PACKET: VE1NSD 145.050 MHz
LAN NODE

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

Events for Your Calendar

February or March – HARC Ham breakfast

Learn Morse Code January 18, 2023

Instructors Dallas Wade (K1DW) will update us on the CW Academy Morse Code (online) Course for learning Morse Code and tell us about the CWOps group, website and support material.

Dallas (K1DW) lives in Fate, TX. He was born and raised in New Orleans, LA. He received his Novice license in 1952 and General in 1954.

He is a member of the CWOPS, FOC, LCC, 599DX, SKCC, FISTS, QRPARCI, DFWCG and Rockwall ARC. Life member ARRL, Delta DX Association, Jefferson Amateur Radio Club and QCW.

He has instructed over 50 classes for the CW Academy.

Greetings all amateurs,

First of all, Happy New Year.

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

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

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

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

Hope to see many of you this year at SMART.

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

Jim Langille VE1JBL

Are you up to date with your HARC membership dues?

Yearly rates are: Full = \$30

Associate = \$20

Family (2 members) = \$50 + \$20 for each additional family member at the same address (receive only 1 newsletter). Use the Membership form on page 10 or go to the HARC website or contact Membership Chair.

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

SILENT KEY

David S. Nimmo, VE1NN

It is with great sadness that we mark the passing of a long time HARC member. David was very active in both the Dartmouth and Halifax clubs as well as Amateur Radio in general.

The funeral will be Jan. 13, 1300 to 1400 at Atlantic Funeral Home 771 Main Street, Dartmouth.

Detailed obituary at:

<https://www.arbormemorial.ca/atlantic-dartmouth/obituaries/david-stewart-nimmo-major-retired/97615>

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

NOTICE

The HARC is looking for a person or persons to take on the responsibilities of Accredited Examiner. Currently we have 3 club members who are accredited – Bill, VE1MR, Brian, VA1CC and Fred, VE1FA. Bill, VE1MR whose accreditation will be running out soon will not be renewing and Fred is located outside of HRM and would normally only examine folks in HRM who take a course given by the HARC. Currently Brian, VA1CC is the only examiner giving exams to people in HRM. The club

should have at least one more examiner available in HRM and preferably 2 more. The criteria to be an examiner is below. All persons who administer qualification examinations must be holders of an Amateur Radio Operator Certificate with Basic, Morse Code (5 wpm) and Advanced qualifications, and be 18 years of age or older.

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

PRESIDENT'S MESSAGE for January 2023

This month's meeting is both via Zoom and in person at the club

I am writing to express my gratitude and appreciation for the hard work and dedication of our outgoing president, Brian, and the rest of the executive team at the Halifax Amateur Radio Club. It has been a challenging year, with the added difficulties brought on by COVID-19 restrictions, and yet you have all worked tirelessly to ensure that our club continued to function and thrive. Your leadership and guidance have been invaluable, and I am grateful for your commitment to the club and its members. Thank you for your service and all you have done for the Halifax Amateur Radio Club.

Ham radio is constantly evolving, and our amateur radio club needs to stay current to stay relevant and successful. With a new executive board in place and a plan for the coming year, we are well-equipped to navigate the changes and challenges that lie ahead. We have a strong foundation of success to build upon, and I am excited to see what the future holds for our club. As we move forward, it is essential that we stay open to new ideas and technologies, and adapt to the changing landscape of ham radio. By embracing change and working together, we can achieve great things and continue to be a vital and active part of the Maritime Ham radio community.

It is shaping to be an exciting year for the Halifax amateur radio club, with several exciting projects and events on the horizon.

First and foremost, we plan to host several build-a-thons, where members can come together to work on various projects and learn new radio skills. In addition, we will be participating in contesting events at the station, which is always a thrilling and competitive experience. This spring, we are also looking forward to Field Day 2023, which is always our club's highlight of the year. Finally, we are gearing up to celebrate our 90th anniversary with a special conference and celebration. There is no shortage of exciting events and projects on the horizon, and I can't wait to see what the coming year has in store for our club and its members. 2023 is shaping to be an exciting time to be a member of one of the oldest clubs in North America and part of its long successful history.

Respectfully submitted: John Bignell, VE1JMB – PRESIDENT- HARC

GOLF

It takes 17 holes to really get warmed up.

Any change works for three holes.

Never play your son for money.

Confidence evaporates in the presence of fairway water.

It's not a gimme if you're still away.

Always limp with the same leg for the whole round.

The rake is always in the other trap.

The wind is in your face on 16 of the 18 holes.

The rough will be mowed tomorrow.

The ball always lands where the pin was yesterday.

The nearest sprinkler head will be blank.

Out of bounds is always on the right, for right-handed golfers.

The practice green is either half as fast or twice as fast as all the other greens.

No one with funny head covers ever broke par (except for Tiger Woods).

The lowest numbered iron in your bag will always be impossible to hit.

Your straightest iron shot of the day will be exactly one club short.

No matter how far its shaft extends, a ball retriever is always a foot too short

to reach the ball.

If you seem to be hitting your shots straight on the driving range, it's probably because you're not aiming at anything.

A ball you can see in the rough from 50 yards away is not yours.

The only thing you can learn from golf books is that you can't learn anything from golf books, but you have to read an awful lot of golf books to learn it.

I hate it when people use big words just to make themselves sound perspicacious.

Sometimes I wake up grumpy; other times I let her sleep.



JANUARY 28 - 29TH 2023
1900 UTC - 18:59 UTC SUNDAY

WINTER

HARC 2023

FIELD DAY

STATION 50 RADIO ROOM
2050 HAMMONDS PLAINS ROAD,
HAMMONDS PLAINS, NOVA SCOTIA



Winter Field Day 2023 is just around the corner, and the Halifax Amateur Radio Club is excited to invite all local Hams to join us in this annual event.

For those who may not be familiar with Winter Field Day, it is an annual event organized by the Winter Field Day Association (WFDA) to promote emergency preparedness and communication skills among Amateur Radio operators. www.winterfieldday.com

This year, Winter Field Day will take place on the last full weekend of January, giving Hams an opportunity to start the year off by testing their skills and equipment in adverse weather conditions. Whether you're a seasoned pro or a beginner, Winter Field Day is a great opportunity for all Hams to get

involved and have some fun.

We are currently seeking volunteers and participants to help us set up the radio room for the event and to assist with various tasks during the field day. If you are interested in helping out, please don't hesitate to get in touch. We welcome all levels of experience and appreciate any time and effort you can contribute.

We have a long history of contesting, and it's time we start putting our name on the map again. By coming together and using our club radios, we can make a big impact on the event and have a great time doing it.

In addition to testing our equipment and skills, Winter Field Day is also a

great way to build camaraderie and strengthen the sense of community among Hams. It's an opportunity to meet new hams, learn from experienced radio operators, and share your knowledge with others.

Mark your calendars for the last full weekend of January, and plan to join us at Station 50 for Winter Field Day 2023. The 24-hour operational period starts at 1900 UTC on Saturday, the 28th and ends at 18:59 UTC on Sunday, the 29th. Stations may begin setting up no earlier than 19:00 UTC on Friday before. We will be operating under the I = Indoor category for this event. It's sure to be a fun and rewarding experience for all involved. We hope to see you there.

**Halifax Amateur Radio Club
Virtual General Meeting Minutes
16 November 2022**

1. Welcome to the HARC monthly meeting for November 16, 2022: The meeting, both in person at the Club and via Zoom, was called to order by President Brian, VA1CC at approximately 1922 with 10 attendees in person, Alastair, VE1PAB, Don, VE1DTR, Brian, VA1CC, Ritchie, VE1RL, John, VE1JMB, Roger, VA1RST, Fraser, VE1WO, Tim, VE1XR, Scott, VE1QD, Dick, VE1AI and 19 attendees on Zoom.

2. Acceptance of the Agenda:

A request was made to accept the November agenda. Scott, VE1QD moved for the agenda to be accepted, Ritchie VE1RL seconded. The motion was approved in person/Zoom, 26/0.

3. Approval of the Minutes:

A request was made to accept the October 2022 minutes as printed in the Reflector. Fraser, VE1WO moved the minutes to be accepted, Tim, VE1XR seconded. The minutes were approved in person/Zoom, 26/0.

4. Report of any Silent Keys:

The following amateurs in the Maritimes have passed since the last club meeting of October 15, 2022.

Isidore Robichaud, VE9IR

November 14th, Pokemouche NB

Robert W. Jeffery, VE1TXL

November 11th, Halifax NS

Robert "Allison" Ellis, VY2ME

October 25th, O'Leary PE

Gerry W. Ross, VE1GWR

October 22nd, Springhill NS

Emile Collette, VE9DOC

October 17th, Acadieville NB

5. Correspondence: Nothing to report.

6. President's Report:

Brian, VA1CC reported that this will be his last meeting as President and thanked the Executive for their support during the past many months of Covid and learning the online meeting format! He is hoping everyone can get back to the Club in person and that the normal Club activities, ie Field Day, etc will resume. The Annual General Meeting

will follow this meeting immediately after, please stick around, thanks!

7. Treasurer's Report:

Brian, VA1CC read the Treasurer's report from Bill VA1ALW. He reported the financial activity for the month of October and gave a detailed report of the monthly income and expenses as well as reporting the opening balance and closing balance for the month. Brian, VA1CC moved to accept the October report, Dick, VE1AI seconded, the motion passed in person/Zoom, 29/0.

8. Station Managers Report:

Don, VE1DTR reported he is still dealing with RigPi difficulties for the remote station but finally being able to access the station in person now will help to resolve those details. All the gear here at the station is as before and it will be good to get use out of the equipment. The work at Cowie Hill was written up in the Reflector by Bill, VE1MR.

9. Education Report:

Jason, VE1PYE reported no inquiries this past month. RAC is wrapping up their current training session of the on-line course. Brian, VA1CC reported administering an exam and that the person passed with honours.

10. HATS/SAR report:

HATS – Gary, VA1GGM reported the Sunday evening exercise is taking place, and that the large joint exercise has been delayed due to hurricane Fiona.

SAR – Dave, VE1AJP reported the Search and Rescue had a large exercise in the Halifax Harbour centered on a scenario of a Facebook group attempting a water passage to McNabb's island. In the middle of the exercise an official call came in so people had to break away from the exercise to handle the real life response!

Old Business:

Station 50: tower additions, a rotor plate and thrust bearing procurement is underway. Entrance panel work remains to be completed with regard to size and number of cables to be routed. Dialog is in progress to

resolve this issue.

Cowie Hill: cables are pulled and antennas are ready to go. The 7/8" diameter cables were challenging to pull! VA1MMD Malcolm's truck was put into service to assist! The number of certified climbers is down to 4 so recertification of former climbers is needed to increase the size of the pool to do antenna work. Zoom boom scheduling remains a challenge with weather and availability of climbers.

HARC 90th anniversary: Ritchie, VE1RL reported that after receiving approval from the HARC Executive, budget planning, recruitment of volunteers and program planning have been included in the coming year's budget. A thorough list of potential attendees is being put together. A request for Sponsorship will be made across Canada. Up to 9 presentations, some live, some via Zoom, are being targeted for the event in August to be held at Mount St Vincent University. Articles about the celebration will be included in the Reflector in the coming issues.

Maritime Museum of the Atlantic: report from Dick, VE1AI, we had 17 volunteers that covered all the shifts on Mondays and Thursdays. In excess of 3500 certificates were issued. Dick will have a full report in the Reflector! Ritchie, VE1RL commented "don't let not being a strong CW operator hold you back, this was my first year as a volunteer and a lot of fun!"

Roundtable:

Scott, VE1QD asked about having a Christmas Party. Dick, VE1AI will search for a volunteer to organize the event. Tim, VE1XR said he will put out an email to the membership and contact the Swiss Chalet to set up the event for the 21st of December.

Bill, VE1MR moved to adjourn the General Meeting @ 2012 and Brian said there will be a 5 minute break before the Annual General Meeting is convened.

Respectfully submitted by Roger Stein, VA1RST, HARC Secretary

RADIO HISTORY AMATEUR RADIO



SPURGEON "SPUD" ROSCOE VE1BC

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

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

Or Fraser, VE1WO – VE1WO@eastlink.ca.

In his column "The Sports Page: The Canadian Contest Scene" in the September-October 2022 issue of The Canadian Amateur magazine, Tom Haavisto, VE3CX, discussed the impact of the changes to the RAC Field Organization on contesting.

Tom Haavisto, VE3CX – "As previously reported, on May 25 the Board of Directors of Radio Amateurs of Canada approved changes to the "RAC Field Organization" which will take effect on January 1, 2023. There will be unintended consequences to contesters and, in particular, to Field Day and

three of the American Radio Relay League's Contests: the Sweepstakes CW, Sweepstakes SSB and the ARRL 160m contests. These changes do not affect any other ARRL contests or any other contests. The following column was prepared with input from several of the RAC volunteers who are working behind the scenes on your behalf.

The RAC Field Organization is divided into "Sections" that cover defined geographic areas, usually a province. Every issue of The Canadian Amateur magazine has a "Section News" column in which Section Re-

ports briefly describe the important role that volunteer Amateurs provide to their communities across Canada. There is absolutely no better way to visualize the commitment and dedication of these hard working volunteers than to read the reports and articles submitted to the Public Service / Auxiliary Communication Service column and the Section News.

For reasons of tradition, those four ARRL events have always used the Sections of the Field Organizations in

(Continued on page 7)

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

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

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

The Maritime Section (MAR) will be abolished.

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

There will be unintended consequences to contesters and, in particular, to Field Day and three of the American Radio Relay League's Contests: the Sweepstakes CW, Sweepstakes SSB and the ARRL 160m contests. These changes do not affect any other ARRL contests or any other contests.

What it Means for Contesting....

APSTAR

We are pleased to announce the creation of APSTAR, the Atlantic Provinces Support Team for Amateur Radio. Its purpose is to assist newly-qualified Amateur Radio operators by providing a forum and website where their questions can be answered by more experienced hams.

The Sept/Oct issue of TCA featured an article entitled Southern Alberta Support Team for Amateur Radio – Filling the Gap. The author, Jerry (VE6TL), recounts the establishment of SASTAR which is a group dedicated to ensure newly licensed amateurs are easily able to embrace what amateur radio has to offer.

Prior to the appearance of the article Jerry had been contacted and asked if he would be available to assist in establishing a similar group in the Atlantic provinces. He readily agreed and the process to create the Atlantic Provinces Support Team for Amateur Radio (APSTAR) was started. Dave (VE1HUL) agreed to look after creating the web site while George (VY2GF) created the APSTAR group. The group is where dialogue between licensed amateurs or aspiring amateurs takes place. Ideally registered members of the group would consist of those asking questions and those willing to provide answers.

Groups.io is essentially an email system linking registered members. An individual seeking information would first forward a subscribe email which would require approval by one of the listed “owners” of the group. Once approved the individual could post a message which would be forwarded to everyone registered. Any responses would be seen by all those registered. Groups.io has different membership levels based on the number of individuals using it. At present APSTAR is using the free level available for groups with less than one hundred members. Initially to keep from exceeding one hundred individuals could be requested to unsubscribe once their query has been answered. Going forward persistent subjects could be dealt with using a video-communication service such as Google Meet. This document will be forwarded to Atlantic provinces clubs, ISED designated examiners and other parties deemed to have an interest in mentoring. It’s hoped knowledgeable individuals will come forward and serve as mentors.

APSTAR is definitely a work in progress so comments and suggestions are most welcome.

Links: APSTAR – www.apstar.ca Groups.io - <https://groups.io/groups>

SASTAR - <https://sastar.ve6hams.ca>

(Continued from page 6)

Canada and the United States in the exchange as well as for multipliers. Sweepstakes (SS) is the oldest of the four and began as a competition in passing formal messages back in the 1930s when handling “Radiograms” was a very large part of Amateur Radio.

As time went on, the Sweepstakes CW

and Sweepstakes SSB became less like message handling events and more like the contests that we know and love today. This is where the quirky rules of Sweepstakes came from – they are based on this history of message handling.

In both Canada and the United States, changes in the Field Organizations were always made for their own inter-

nal reasons, independent of contests.

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

This Space Could Have Contained Your Item

-ed.

To all Amateurs who are interested in working contest and or dxing. Most of the tips and tricks work for both events and hopefully will help make your first experience a memorable one. These are things that I do and have had success at.

It is that time of year again when contests and good dx are on the air waves these days. As you have read in my previous messages I am an avid contestester and dxer doing both cw and ssb contests and working rare dx in both modes. This is a lot of fun - a challenge and an accomplishment all in the same weekend. As you will see in this writing many of the tips and tricks that I use in contests work in dxing as well and once you get onto a system everything comes together - your scores get better - your operating more efficient and thus time operating is maximized for the actual time you have to operate.

I will high light several of the things I do and these are in an ordered fashion such that I become consistent in my efforts to do as well as I can.

Near the end are 10 quick tips.

1st - check over all of your equipment - make sure your radio, antennas, any switching system and amplifiers are working properly. Antennas include all cabling, connectors and grounding.

2nd - is make your environment as comfortable as possible - a good chair is a requisite if you intend to spend 6 or more hours operating. Clear your operating position of any unnecessary clutter: you need your log - radio pencils and paper but it must be neat and clean.

3rd - you will need an operations plan - come up with a contest strategy to help you achieve goals and maximize your efforts. This will depend on how much time you can devote to the contest. You should look at qso rate versus time - do not waste time trying to work a multiplier when the pile up is so deep - try twice and move on - get him later.

Think about whether you want to be a run station - that is stay on 1 frequency and let stations come to you - you will get a lot of qso's but not necessarily all the good multipliers. OR

THINK ABOUT BEING a S AND P station-(search and pounce) that is - searching the band from low end to high and back down time after time, this gives you the best chance of working those multipliers that may not come to you as a run station.

Create an hour by hour plan that defines your operating - eg. Band: mode: time on: breaks

4th - Band selection is critical - here is where you have checked propagation and know what bands are good right now: what are you hearing? Only 4 stations on 10? But loads on 20 and so on, know where propagation takes you during the hours of the day - eg - east coast in the afternoons will hear south and west USA - THEN Hawaii/ Alaska AND west coast - maybe even the Pacific.

5th - Schedule your breaks - know when band conditions change - eg evening for example - know when 40 becomes the hot band and before that happens eat/get some rest for an hour then go at it again till 80 opens up.

6th - Techniques: are you a run station - know when to call cq - get a clear frequency - keep your cq short - stay away from power stations: no long preambles: call - cq contest - call sign, nothing else.

If you are a s&p station - keep his response short to the point - no need to say "nice signal": or 20 over 9 and so on - if its 5&9 zone 5, say 595 and go on.

So in a nut shell here are the 10 quick tips.

READ THE RULES

USE A LOGGING PROGRAM

MORE OPERATING TIME = MORE CONTACTS(POINTS)

SET ACHIEVABLE GOALS

STUDY PROPAGATION

**DO NOT WASTE TIME IN PILE-UPS
WORK AS MANY MULTIPLIERS
AS POSSIBLE**

KNOW YOUR RADIO

USE STANDARD PHONETICS

LISTEN & LISTEN BEFORE CALLING

As I have said earlier, many of the above rules apply to working a dx station because he too will be in a pile up. Do not try to compete with the power stations running 1.5kw when you are running 100 watts and a dipole antenna. Wait until all the big guns go first - when the din dies down make your call - be patient, keep trying but use the same technique - I guarantee you will get him long before many of the others will. Very often dx stations wait for the last call heard and that will be you, try it, have fun at it and watch your results improve.

There is no doubt that contesting and or dxing can be frustrating but it is also rewarding in the end when you submit your score. NIMM logging program makes submitting a contest log really easy as you tell it to create a Cabrillo file in the drop down menu and you name it: example: Valc-clogcqwwssbcontestnov2022 or what ever the contest is. Many other loggers do the same thing.

I have included some of wa7bnm contest calendar and once again there are many to choose from to know what is going on at any day. There is something for everyone and at every skill level. The Main objective is too have FUN.

I hope you get to enjoy these HF activities - especially now that we are going to be inside and bad weather and so on. Great pastime.

**GOOD DX/CONTESTING
Brian Allen, VA1CC**

It's weird being the same age as old people.	When I was a kid I wanted to be older...this is not what I expected.	Life is like a helicopter. I don't know how to operate a helicopter.
--	--	--

Save These Dates: August 18 to August 20, 2023

Planning is well underway for HARC's 90th Anniversary Celebration this coming August.

The 90 Anniversary Celebration will be a three-day event that will be held from Friday, August 18 to Sunday, August 20. This conference will allow amateur radio enthusiasts and professional wireless radio operators to gather, learn, and share their knowledge and experiences.

On Friday night, attendees will have the chance to network with fellow radio operators and learn about the history of the Halifax Armature Radio Club. On Saturday and Sunday, attendees can attend various presentations and workshops led by some of the most respected names in the amateur radio community. These presentations and workshops will cover a wide range of topics, including emergency communications, digital modes, and the future of amateur radio. Attendees will also have the opportunity to visit vendor exhibits and purchase the latest in amateur radio equipment.

Saturday evening will be a banquet night where we'll celebrate the club's 90-year anniversary, with the keynote speaker being an experienced amateur radio operator who has made significant contributions to the field.

Throughout the conference, attendees will have the chance to participate in a special event station, allowing them to contact other radio operators worldwide. They also will be able to meet and learn from some of the most respected names in the amateur radio community. This event is perfect for both seasoned amateur radio operators and newcomers to the hobby. Whether you're an experienced operator looking to learn about the latest trends and technologies, or a beginner interested in getting your first taste of the amateur radio hobby, this conference is for you! Don't miss out on this exciting opportunity to connect with other like-minded individuals, learn from the experts, and advance your knowledge and skills in the art of amateur radio.

This 90th Anniversary Celebration promises to be a valuable and exciting experience for all attendees, with the goal of expanding the attendee's knowledge and experience of amateur radio and celebrating the rich history of the Hali-

fax Armature Radio Club. This is an event you will want to attend!

Location: Mount Saint Vincent University
Rosaria Student Centre.

The following is a draft program (subject to change):

Friday August 18, 2023 3 pm to 10 pm

Registration

Meet and Greet Reception

Saturday August 19, 2023 8 am to 10 pm

Flea Market and Vendor Display

Radio Amateurs of Canada AGM

Presentations

Show and Shine (communications technologies)

Banquet (with guest speaker)

Sunday August 20, 2023 8 am to 3 pm

Presentations

Door prizes and 50/50 draws

Closing remarks 1500

The Radio Amateurs of Canada have indicated that they will be attending and having their Annual General Meeting as part of our celebration. Scheduling for RACs AGM has yet to be determined.

For those travelling or just wishing to stay close, MSVU dorm rooms will be available for a modest price.

We hope to have various promotional items such as shirts, caps, etc. for sale at the event. And there will be door prizes and 50/50 draws held during the two-day event.

Ticket pricing will be finalized in January. Tickets will be available in February with discounts for early registration.

This celebration is shaping up to be a great event for the club and amateur operators. If you have questions, or would like to participate in the planning and organization, please send an email to:

events@halifax-acr.org
or call Ritchie VE1RL at
(902) 410-7167.

See you there!

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

Contact Fraser, VE1WO – fmac@eastlink.ca

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

This Space Could Have Contained Your Item
-ed.

HARC 2023 Membership Fee Structure

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

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

Membership Registration Process

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

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

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

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

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

Then, go to your online banking site and send an Interac e-Transfer to treasurer@halifax-arc.org

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

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

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

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