



The Halifax Amateur Radio Club

# REFLECTOR

PO BOX 8895  
HALIFAX NS  
B3K 5M5

September 2018, Volume 79 Number 7

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



## Welcome Back From Summer! Access Instructions to Our New Club Station at Fire Station 50 Are on Page 3

HARC Club Station phone number - 902-490-6421

### Executive

President - Jeremy Fowler, VE1JHF	240-4302	ve1jhf@gmail.com
First V.P. - VACANT		
2nd V.P. - VACANT		
Secretary - VACANT		
Treasurer - VACANT		
Member-at-Large: - Craig MacKinnon, VE1JMA	463-8517	cjmackinnon@gmail.com
- Ian Pearce, VE1IGP	469-3474	igpearce@hotmail.com
Station Manager: - Brian Allen, VA1CC	489-4656	basailor@eastlink.ca
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 -  
QSL Bureau Mgr - VACANT  
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. - Carol Wood, VE1HAZ carol.wood@EastLink.ca  
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 - Wayne Harasimovich, VE1WPH wayneph@bellaliant.net  
2019 Flea market Chair - Bob Swinwood, VE1PQ, 835-2558 bob\_swinwood@hotmail.com  
2019 Field Day Coordinator - VACANT  
Safety Officer - Pat Kavanaugh, VE1PK ve1phk@rac.ca  
VA1MMA Project Manager - Scott Wood, VE1QD, 823-2191 ve1qd@rac.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 - David Hull, VE1HUL ve1hul@rac.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 **September 2018 General Meeting** of the Halifax Amateur Radio Club will be held Wednesday, Sept. 19, in the training room at Fire Station 50 (2050 Hammonds Plains Rd.) Please see page 3 for information about parking and building access.

6:30-7:00pm - Social half-hour with refreshments.

7:00-8:00pm - Presentation: Wireless MESH Networks for Ham Radio

Presenter: Steve Frost, VE9SF

8:00pm-9:00pm September General Business Meeting

Guests are welcome

**Deadline for submissions to the October Reflector is Saturday, Oct.6, 2018**

Advice from A Wise Old Man.  
*"Do not corner something that you know is meaner than you.."*

### 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 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.



Sept. 16	Peter	VE1PJW
Sept. 23	Gary	VA1GGM
Sept. 30	Bill	VA1ALW
Oct. 7	Cam	VE1BIT
Oct. 14	Scott	VE1QD
Oct. 21	Peter	VE1PJW

*When Insults Had Class.  
"He loves nature in spite of what it did to him."  
-Forrest Tucker*

The H.A.R.C. Move  
What's been happening?  
June 9 - tower moved from St. Andrews to Fire Station 50  
August 11 - antenna installation on the tower at Station 50  
August 25 - last of antennas and cabling installed on tower

*Event for Your Calendar*

To lend a hand (and a 'fist') to staff a shift in the Radio Room at the Maritime Museum of the Atlantic contact Scott, VE1QD [ve1qd@rac.ca](mailto:ve1qd@rac.ca)

Sat., Sept. 15 MAARC flea market

Saturday, October 20 from am to 12:00pm Greenwood ARC flea market followed by the NSARA Meeting and AGM.

December: H.A.R.C. Christmas Party

In January the H.A.R.C plans to put on a Basic Amateur Radio Course. Check our website and the Take 15 net for information.

The MAARC (Moncton Area Amateur Radio Club) will be having their flea market again this year on Sat., Sept. 15, 2018 at the Riverview Lions Club at: 701 Coverdale Road, Riverview, NB E1B 3L1.

The doors will open at 8 for sellers to set up and doors will open for buyers at 9am.

We have two radios as door prizes and a Yaesu dualband as a raffle prize. The first door prize is one of those small Chinese dualband radios, 25 watts VHF and 20 watts UHF. The 2nd is a Btec Tri-band handheld with VHF, 220 and UHF. Btec is the new name for Beufeng.

Hope to see you there so we can make this yearly event a big success like it has been in the past.

73, Ross McCart, VE9GCS

**NSARA Meeting and AGM**

When: Saturday, October 20  
1:30am to 12:00pm

Where: following the Greenwood ARC flea market, Greenwood NS

The **Newbie Round Table** will be returning on Sunday, October 14th at 2100.

*Photos of the installation of antennas & cabling on our newly erected tower at Fire Station 50 (the H.A.R.C.'s new home) should be in October's Reflector - they wouldn't fit in September's. -ed*

RAC's web site is **[www.rac.ca](http://www.rac.ca)**

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](mailto:bmfowler95@gmail.com)

Due to the timing of the H.A.R.C.'s move to Fire Station 50 our Club did not participate in **the ARRL 2018 Field Day but the Kentville and Annapolis Valley Clubs** joined forces to do so. See page 5

**The Maritime Amateur**

Ham Radio  
for Maritimers by Maritimers  
[www.maritimeamateur.ca](http://www.maritimeamateur.ca)

**Looking For Program Ideas!**

We have begun to arrange programs for our monthly HARC meetings in 2019. As always, we are anxious to solicit your ideas of interesting topics we might address and recommendations of presenters who are entertaining & informative speakers.

Our monthly programs represent an important educational opportunity but should also be an entertaining event. We often call on our own membership for programs; however, we should never hesitate to broaden the pool of talent on which we draw. There are accomplished and interesting hams throughout our Maritime Provinces who we can invite to address us – something we already have been doing now and then. Moreover, there is little standing in the way of inviting any exciting speaker, anywhere in the World to address us via a conferencing technology such as **Go-to-Meeting** or **Skype**, for example. Is there a presenter at some ham fest or an author in leading ham radio magazines who has inspired you and who we might similarly invite? The extent of our imagination and dreams are the only limit!

Do you have a topic you would like to share with your fellow Club members, but feel that you may need some help with the preparation of a program? Well, we can help you prepare a power point presentation, including graphics and some coaching, if desired.

Please contact me with any suggestions you may have.

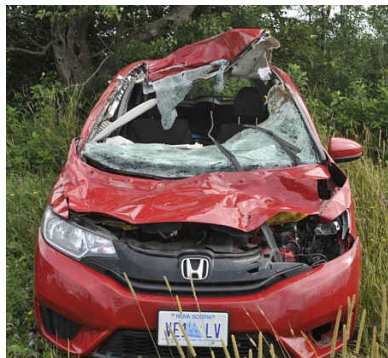
K. Scott Wood, VE1QD,  
HARC Program CommitTEE  
Email: [scott.ve1qd@gmail.com](mailto:scott.ve1qd@gmail.com)  
Tele: 902 823-2191

Our friends Hal (VE1LV) and Betty (VE1LVW) are very fortunate after hitting a moose after coming off the Confederation Bridge in New Brunswick:

<http://www.ve1lv.com/betty-i-came-out-of-this-alive-after-hitting-a-moose-nb-16-melrose/>

- Ken, VY2RU

*Good fortune Hal & Betty to walk away from that! Be well. -ed*



*"If we got one-tenth of what was promised to us in these State of the Union speeches, there wouldn't be any inducement to go to heaven."*

- Will Rogers

In a Silver City, Nevada, cemetery:

*Here lays The Kid,  
We planted him raw.  
He was quick on the trigger,  
But slow on the draw.*

## PRESIDENT'S MESSAGE for September, 2018

Welcome to September - start of a new school year, and temperatures cool enough for good sleeping.

This year has been one of change. Big changes and small changes. Some good and some not so good .

We've moved into the Club's new home, the tower is up, the antennas are installed, and we are anxiously awaiting the final connection of cables in order to once again have a working radio room. It's been a long road to this point.

It was good to see lots of folks turning out for the pizza nights this summer . The numbers were up considerably from the last few years.

I am asking folks to bear with us for the next little while. There are some hurdles to overcome and some important decisions to be made.

The Club, now more than ever, needs **EVERYONE'S** support, and we **NEED** people to **STEP UP** with their time and talents and **HELP OUT**.

We can't do it alone.

Many hands make light work, as they say, and we need **MANY** hands, all pulling together in the **SAME** direction to keep us a robust and forward thinking group.

Looking forward to seeing you all at the General Meeting on the 19th.

73, Jeremy, VE1JHF/VA1GUN, President of the HARC



The June General Meeting of the Halifax Amateur Radio Club was the first at our new Club quarters at Fire Station 50



*If you find you do not mind playing Golf in the rain, the snow, even during a hurricane, here's a valuable tip .....  
your life is in trouble.*

## NEW CLUB LOCATION

Here is some information about the new club location. It is Fire Station 50 in Hammonds Plains. In the beginning, we will have to man the door to let people into the building until we have members registered and have passes issued.

There is a flight of stairs (about 15 steps) to get to the second floor where the training room and club rooms are.

Parking may also be limited. We do not yet have a clear idea of how many cars we can get in the rear parking lot. We will probably have someone directing parking. **One very important parking note is not to park in front of the equipment bay doors or use any of the marked spaces on the paved portion.**

While the station is manned Monday through Friday it is volunteer at all other times and the volunteers need to be able to easily park if they are called out.

If the parking area at the rear of the station is full there are a couple parking areas very nearby.



**June - Installation of the Halifax Amateur Radio Club Tower at Fire Station 50 which will be the new home of our Club Station. Antenna installation - August**



The commercial rigging equipment and operators were courtesy of HRM via EMO



Tower base - installed and ready for more sections



Club Tower Relocated and ready for antennas



Hey look! A Sky Hook!



The right tools in skilled hands certainly made the job go fast and smoothly

*"Some cause happiness wherever they go; others, whenever they go."*  
-Oscar Wilde

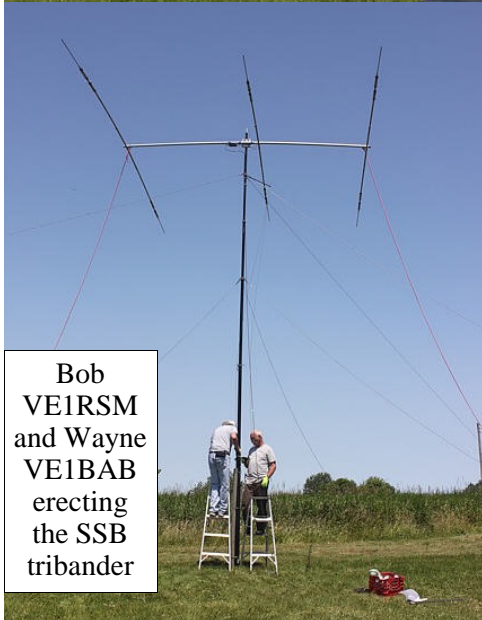






GOTA Tent in front;  
Satellite trailer behind.

Satellite trailer with Solar battery station



Bob VE1RSM and Wayne VE1BAB erecting the SSB tribander

### Kings County Amateur Radio Club: Field Day 2018, 2A-class

As for the past two years, KCARC's 2018 Field Day site was on the large hill in Port Williams, where the town water tower and several playing fields are located and again, KCARC's Wayne VE1BAB turned his able hands to organizing it. One difference this year was that the Annapolis Valley ARC had asked to join KCARC's Field Day effort. The clubs agreed that AVARC would supply the Get On The Air (GOTA) and VHF stations and tents. As usual, KCARC ran in class 2A, at 100W. The SSB station used a 12' x 12' pop-up tent provided by Bob VE1RSM. The CW station used Wayne VE1BAB's large panel van, containing a custom "radio-friendly" operating position.

Al VO1NO provided and set up two tents, a trailer, and numerous antennas for AVARC's GOTA station, a satellite station, and a 6m station. KCARC erected a 40m vertical and tribander on a 34' mast for SSB. SSB on 80m used a dipole hanging from the 34' beam mast. The CW van used a second 34' mast with an untuned doublet on a balanced feedline and a triband beam.

While propagation was poor as Field Day began, 20m gradually improved, 15, 10 & 6m began to open, and there was plenty to work until well after midnight. Operation then slowed considerably until after dawn (partly due to no propagation, partly to sleeping ops). By the end of Field Day, KCARC had made 1813 Qs, 1262 SSB and 551 CW, and the AVARC GOTA station had 64 QSOs on SSB made by 6 different operators. Al VO1NO also made 114 on 6m and 10 satellite QSOs. On both Saturday evening & Sunday morning 15m & 10m remained active, with 144 Qs on 15m and 128 Qs on 10m SSB. As usual, 20m SSB was the big contributor with 844 QSOs completed. The big bands for CW were 20m (379 QSOs) and 40m (86 QSOs).

Pizza, hotdogs & hamburgers were provided to fuel the operators, and Wayne VE1BAB cooked up an excellent bacon and egg breakfast on Sunday.

Louis Benedict of the Port Williams Village Commission and Dan Stovell, the local EMO director visited the FD site and saw how quickly & efficiently we could contact distant stations.

Operators for KCARC were: Wayne VE1BAB, Helen VA1YL, Fred VE1FA, Bob VE1RSM, Barry VE1QY, Bill VA1ALW, and Matt VE1BSG - (Thanks very much, Matt and Bill for joining us from the Halifax ARC!) - GOTA operators: Doug FAL, Frank FAA, and 4 unlicensed hopefuls.

The simple, no tower KCARC setup allowed teardown and equipment removal to be virtually complete 45 minutes after the exercise ended. A big thank you to all involved!  
de VE1FA



Bob VE1RSM operating  
in the van CW station.



Phone  
Station



CW Van

## Halifax Amateur Radio Club Monthly Meeting – 20<sup>th</sup> June 2018 Minutes

The June monthly meeting of the Halifax Amateur Radio Club was declared open at 20:01 hrs with Don (VE1DTR) in the Chair.

Self Introductions: There were 30 members present thus constituting a quorum.

**Motion to approve the agenda** was made by Brian (VE1AZV); seconded by Peter (VE1PJW); carried.

**Silent Keys:** There were none to report.

**Motion to approve the May monthly meeting minutes** as published in the HARC Reflector was made by Bill (VE1MR); seconded by Doug (VE1LDL); Carried.

**President's Report:** Jeremy sent his apologies as he was ill for this first meeting in Station 50. He forwarded a brief President's report that Don read into the minutes as follows. The Halifax club Executive has decided to take full control of future Down East Flea Markets due to lack of participation and support by the Dartmouth club in helping with the organization of past events. He reported that there were 190 door tickets sold with 51 tables reserved. In spite of not having any canteen income, the Club still generated more income on the flea market this year than in past years. Jeremy wanted to welcome the members to our new home and to thank those who have helped with the move. There are still a few things to get moved to the new location including our internet connection and remote station. The tower is now up at Station 50 but not yet functional as the antennae need to be put on and cables run to the radio room. Due to the disruption caused by the move the Club will not be able to mount a Field Day this year. Finally, he reminded the membership that there are now new rules around our access to our new Club facilities and he asked members to be

considerate as we adjust to change. Now that Barry Manuel has retired, our new boss at HRM is Erica Fleck.

**Treasures report:** Jim (VE1JG) presented the Treasurer's report for the month of May 2018. He reported that the opening bank balance for 1 May 2018 was \$7,806.70. Total income for the month of May was \$2,335.50 with expenses of \$1,074.74. There were no outstanding cheques, therefore our cash position at the end of the month of May was \$ 9,067.46.

**Motion to approve the May report of the Treasurer** - Moved by Jim (VE1JG) seconded by Scott (VE1QD); Carried.

### Executive Reports:

1st<sup>st</sup> Vice-President Report (Don – VE1DTR) – Don reported that we are currently in limbo with respect to our IT and station gear but things are gradually getting sorted out.

Station Manager Report (Brian – VA1CC) – Brian reported on the Club move. He indicated that we are still waiting on parts that allow for the rotator and antennae to be put in place on the tower, and cables also need to be run from the tower to the radio room. He reported that Pat (VE1PKT) has taken care of moving the security cameras to the new site and Jeremy will port over the two door access swipe pads. Brian reported that our Club station has now been designated the official radio backup to HRM/EMO so this will allow us to run in "F-class" in future Field Days. Brian stressed the importance that all HARC members fill out the Volunteer Registration form for insurance purposes. Brian indicated that parking at Station 50 is somewhat limited, but thanks to John (VE1BIR) who has spoken with the folks at OK Tire next to

the station, we are allowed to park there for monthly evening meetings. The secretary to write a note of thanks to OK Tire.

### Committee/Project Reports:

Flea Market Report – Don reported that 190 door tickets were sold with 51 tables reserved. He pointed out that the Dartmouth Club did not provide the volunteers that they had promised. The take on the 50/50 draw was \$107.50; there was a \$950 take on ticket sales; there was a \$300 hall rental paid for by HARC as well as \$80 for a couple of door prizes. The space worked very well and all but one individual were happy with the Legion and it helped that we were not responsible for the canteen. The HARC table brought in \$185.50. Dave Goodwin (RAC Director) was very pleased with the location. It was nice that with this location there was little to do with setup; no canteen to run; and no clean up. It was recommended that we go back to the Sackville Legion next year. Fraser (VE1WO) suggested that in future we pre-sell tickets to prevent backup at the registration desk. It was also suggested that in future we should charge \$5/table to increase revenue.

NSARA (Bill, VE1MR) – Bill reported that there was an NSARA meeting after the Flea Market. He also reported on the success of the March NSARA contest, however two counties (Queens and Digby) did not have any operation this year.

Search & Rescue/EMO (David, VE1AJP) – George Snow – George reported that the group was called out to assist with the recent Saltmarsh Trail forest fire; the S&R supplied Argo off-road vehicles to help get gear back to the fire line.

*(Continued on page 7)*

*"A politician is a fellow who will  
lay down your life for his country."  
~Tex Guinan~*

*He said .. Why are married women  
heavier than single women?  
She said - Single women come home,  
see what's in the fridge and go to  
bed. Married women come home, see  
what's in bed and go to the fridge.*

*Minutes (Continued from page 6)*

They were also asked to standby in the event help was needed if an evacuation was ordered.

**Membership** (Jim, VE1PPA) – Jim reported that as of this evening we have the following: 4 Life; 99 Full; 23 Associate 18 Complementary, with 53 HARC members also belonging to RAC.

**HATS (Halifax Auxiliary Telecommunication Service) Update** (Scott, VE1QD) – Scott reported that the group has recently lost a couple of critical members who were key in both planning and training. To help build more capacity in critical areas he is setting up a leadership training program to help bring new individuals to the group and get them into positions that take advantage of their skills and background. He also reported that HATS will be conducting a combined public awareness/exercise event at Scott Manor House in Bedford over the first July weekend (10 am to 4 pm Saturday and Sun July 7 & 8 with setup on Friday 6<sup>th</sup>); he hopes that this event will be a chance to promote amateur radio and emergency communications. Anyone wishing to assist should contact Scott.

**Educational Programme Update** (Wayne, VE1WPH) – Wayne was absent but Tom (VE1GTC) informed about ongoing discussions with Wayne to manage our basic amateur radio course. There has been a suggestion that the course move to Saturdays instead of Thursday evenings. There was also a concern raised that students need to be given a formal opportunity during the course to get on the air and gain some confidence behind the microphone. It was also suggested that the Club needs to develop an Elmer system to support new Hams.

**VA1MMA – Maritime Museum Update** (Scott, VE1QD) – Scott reported that in the absence of Dick (VE1AI) he is now managing the MMA Wireless Room. Things are going well and the museum is very

pleased with our contribution. However, they are always looking for additional volunteers to cover mornings especially during the summer tourist season. Anyone wishing to assist should contact Scott.

#### **Old Business:**

**HARC Surplus Equipment** (Brian – VA1CC) – Brian reported that all surplus equipment that did not go to the DownEast Flea Market is now in the container on Cowie Hill; it will go to the Greenwood Flea Market in September but anything not sold will be sent to electronic recycling.

#### **New Business:**

##### Election of Officers

**Secretary** – Bill took over the meeting as a member of the nominating committee. He asked for nominations for the position of Secretary; Brian nominated Howard; seconded by Peter (VE1PJW); carried. With no additional nominations, Howard was declared elected to complete the current term.

**2nd VP** – Bill asked for nominations for the 2nd VP position; Helen nominated Peter (VE1PJW); seconded by Jason (VE1PYE); carried. There were no further nominations so Peter was declared elected to fill the remaining term.

#### **Round Table:**

Betty (VE1BSW) discussed the resignations of Amanda & Jayne and read the letter of resignation that Amanda had sent to the Executive. The general issue raised by Betty was the apparent lack of support that the Club gives to new members, especially women. More specifically she expressed concern over what these two women, who are Associate Members, feel is lack of respect for them and lack of appreciation for what they have contributed to the Club. Scott (VE1QD) spoke to Betty's comments and expressed a desire for the Executive to sit down with Amanda & Jayne to find out what the basis is for their resignation with the hopes of amicably resolving

this issue. There was also support for Jayne and Amanda given by several to assist these women in getting their Amateur Radio license. Finally, there was a suggestion by Betty that the Club by-laws be changed to eliminate the Associate membership class and have only one class of membership, that being a Full member; this generated a significant discussion with respect to the essence of an Amateur Radio club. Bill indicated that changes to our By-Laws need to be done at the AGM. It was agreed that Betty and Bill will sit down and attempt to update the Club by-laws and bring forward formal recommendations to the membership at a future date.

Wayne (VE1BAB) indicated that he is organizing a 2A-class **Field Day event at Port Williams** and encouraged HARC members to take part since we will not be holding a HARC Field Day this year. They will have a GOTA station so that too will be a good opportunity for our newly licensed members to get on the air in a contest setting.

Fred (VE1FA) informed the group about two upcoming radio operations. He and nine other operators (2/3 of whom are from HARC) will be going to Bon Portage Island near Shag Harbour and will operate as VB1M in the 2018 IOTA contest. He also reported that he and Helen (VA1YL) are heading to the Bering Sea to operate on one of the Walrus Islands in Alaska; they will be on SSB 20 and 40 metres only and will have internet access. They will tentatively operate from July 5 – 10 as VE1FA/KL7 and VA1YL/KL7.

**Ticket draws:** 50/50 Draw – \$23.00 was won by Bill (VA1ALW).

**Adjournment:** Motion to adjourn made by Brian (VA1CC) at 21:01 hrs

Respectfully submitted by  
Howard Dickson (VE1DHD)  
Acting Secretary, June 21, 2018.

*All those who believe in  
psychokinesis, raise my hand.*



## From the Mail Bag



Max, VE1IC, and Jim, VE1RB, just completed a three site trip today (June 8) which included the APRS node re-activation at Yarmouth VE1YAR and Barrington VA1BAR. In addition, the Middle Ohio site VE1SCR for reinstallation of the UHF packet node VE1SCR-1 which links to East Kemptville VE1EKV-1. This once again re-establishes the South Shore Packet Network (144.970) to the main MARCAN VHF Packet Network.

Thanks to both Max VE1IC and Jim VE1RB for their dedication for making this all possible.

73, Lorne, VE1BXK

### The great FT8 debate....

In his blog Dominic Smith M0BLF gives his take on the great FT8 debate

Since its introduction a year ago FT8 has transformed amateur radio, enabling amateurs living in high-noise environments to make contacts that would have been impossible using traditional modes.

Dominic notes "The other fantastic thing about FT8 is that it brings, for the first time, objective signal reports to the hobby. We all know that '59' is a nonsense, but in the more 'manual' modes, we don't have anything better. Using actual, genuine, signal-to-noise measurements for signal reports allows more meaningful comparisons of equipment, antenna performance and propagation research."

Read the M0BLF blog post at:

<http://www.domsmith.co.uk/blog/2018/06/09/the-great-ft8-debate/>

- Ken VY2RU

*Ambition is a poor excuse for not having enough sense to be lazy.*

### Amateur Radio ES100 Event....

I was very pleased to receive in the mail last week a "Juniper Tankard" from the Republic of Estonia's 100th Anniversary for the ES100xx Event. The ES100 Event ran for February and March 2018 and I was fortunate to end up in the top 10 for the World (actually 6th) and 1st for North America. See <http://es100.eu/> under "Leaderboard" for standings. I also received the Bronze, Silver and Gold Certificates during the event and could



order the wooden plaque:  
<http://es100award.ee/plaque?call=VY2RU>

The Tankard is hand made and absolutely beautiful with my call sign " VY2RU" on the side with "ES100" and my placing "488 Pts" on the bottom.

The 1st place in the ES100 Event received a "Begali CW Key" and from 2nd to 10th received the "Juniper Tankard"

All the Best - Ken VY2RU



Ken, VY2RU, with the Tankard, in his shack

Here is a "Users Guide" for FT-8. Long PDF article but very informative:

[http://www.g4ifb.com/FT8\\_Hinson\\_tips\\_for\\_HF\\_DXers.pdf](http://www.g4ifb.com/FT8_Hinson_tips_for_HF_DXers.pdf)

- Ken, VY2RU

I have heard many fellow HAMs in the Maritimes speak of interest in 6m ops. In an attempt to coordinate this interest and facilitate QSOs & learning I have created a chat group on <http://groups.io> Subscribe at MARCAN-6m+subscribe@groups.io  
73 Pete VE1PS/VE9NPS Jul.27th:

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](mailto:bowser.elliott@ns.sympatico.ca)

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

From RAC Website Jun.30th.

I am pleased to announce the election of Dave Hull, VE1HUL, as Section Manager of the Maritime Section effectively immediately.

Dave resides in Truro, Nova Scotia and is retired from the Canadian National Railway.

Dave has been an avid Motorsport enthusiast since 2004 and became an Amateur in 2016, and is actively involved with the Truro Amateur Radio Club.

Welcome aboard Dave!

Doug Mercer, VO1DM CEC  
RAC Vice-President and Community Services Officer

The Canadian Brandmeister DMR Network has an established emergency communication talk group for NB, NS, PEI. 3021911 Maritime Canada Disaster.

<https://wiki.brandmeister.network/index.php/Canada>



### News from the HATS: September 2018

*The Halifax Auxiliary Telecommunications Service (HATS) is an operational vehicle through which HARC contributes 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).*

**NEWS:** We held our first **public demonstration and field Exercise** on 6 – 8 July at Scott Manor House, a heritage property and museum in Bedford. Eight HATS members staffed the three-day event and interacted with visitors. We demonstrated our WinLink System by originating messages to various points in the HRM and communicated by voice with fixed & mobile stations over the VE1PSR & VE1HNS repeaters. A popular hands-on-activity was teaching visitors how to send their name in Morse Code. This event was an effective way to practice our communications skills, and to tell the public about amateur radio and its role in emergency communications. This is a model we will continue to use.

In the spring we initiated the **HATS Leadership Program.**, an organized effort to recruit members who have leadership capability and are interested in developing it. I am pleased to report that over the summer we have had a good response, and we will begin working with 4 or 5 candidates this fall. I will provide more details about our current Leadership Candidates and

their program in my October report.

Since **training and practical exercises** are the key part of our preparations to provide emergencies communication services, we will be offering courses this fall, including the **Basic Message Handling Course, ICS-100 and Use of TMR Radios**. As soon as dates are set, I will send out a training bulletin to all members. Remember that free ICS-100 training on-line is always available. If you want to pursue this independent learning opportunity, I can provide you with the URL and a necessary access code.

Our **Third HATS General Meeting** is scheduled on Thursday, October 11 from 7:00 – 9:30 pm at HARC's new Club location in Fire Station #50 on Hammonds Plains Road. Matt Boyle, VE1BSG, who is with the NS Government's Public Safety and Field Communications Office will make a short presentation on **Threats to Radio. Communication**. The program also will include a HATS update, plans going forward and group discussion as well as a chance to socialize with one another.

#### UP COMING EVENTS:

- 19 September (Wednesday) at 18:30 hrs. – HARC Monthly Meeting. It will feature Steve Frost, VE9SF talking about **Wireless MESH Networks for Ham Radio**
- 20 September (Thursday) at 1000 hrs. HRFE/EMO – Radio Advisory Group Meeting at the Eric Spicer Building on Mt Hope Drive in Dartmouth.
- 11 October (Thursday) from 19:00 – 21:30 hours a General Meeting of HATS will be held. Matt Boyle, VE1BSG, will speak about **Threats to Radio Communications**.

#### ACTION:

In October, Jim Calvesbert, VE1PPA, will be taking over from Joe MacPherson, VE1CH, **the maintenance of our time and travel data**, and making a regular report to HRFE Division Chief Erica Fleck. This is record of how much volunteer time & travel kilometers we accumulate each month in service to the HRM. Thus, it is vital information that demonstrates the value we provide to the HRM in return for the financial & organizational support we receive. This does not work without each member doing their part – regularly reporting their data. It is important to submit your data sheets, even if there is no activity for the month. It will show you are present!

Note that the HARC Program this month is on a topic of direct interest and importance to emergency communications, namely **Wireless Mesh Networks for Ham Radio**. Please plan on attending.

Do you want membership information? Please contact Dave Musgrave, VE1EDA. He is our membership officer and will see that you get the necessary information and application forms. His contact information is via email: [veleda@bellaliant.net](mailto:veleda@bellaliant.net)

Finally, please submit your August monthly time and travel data to Joe MacPherson ([jmp@bellaliant.net](mailto:jmp@bellaliant.net)) but for September it will need to go to [jim.calvesbert@gmail.com](mailto:jim.calvesbert@gmail.com).

73 de Scott

K. Scott Wood, VE1QD

Coordinator, Halifax Auxiliary Telecommunications Service (HATS)

Email: [scott.ve1qd@gmail.com](mailto:scott.ve1qd@gmail.com)

Tele: 902 823-2191 (h)

To make the most of **our web page** please send photos, notices of events, and ham radio news items, etc. to Web Site Content Manager - Brandon Fowler (VE1BMF) at [bmfowler95@gmail.com](mailto:bmfowler95@gmail.com)

*I decided to change calling the bathroom the John and renamed it the Jim. I feel so much better saying I went to the Jim this morning.*

**HARC Supports the MS Bike 2018**

By Sheldon Page (VE1SJP)

On the weekend of July 28th, seven (7) HARC members travelled to Wolfville to provide communications support for the Annapolis Valley MS Bike fundraising event. MS Bike is the largest fundraising cycling series in North America. The dollars raised from the event support research into the cause, treatment, and cure for Multiple Sclerosis, as well as helping to provide related services and programs. This year's event raised over \$170,000.00 and included 181 riders.

HARC has been providing support for this event for many years. Club members provide essential communications support for the event being assigned to various Tour vehicles such as First Aid, Bike Repair, Trail End and Staff Command.

This year's team of operators welcomed a new volunteer – Bill Simm (VA1ALW). Bill was scheduled to be a floater but due to unforeseen events (see below) was pressed into full service and did a great job!

The event was particularly challenging this year due to some last minute logistical changes. I am very grateful to the operators for their patience and support as we adjusted roles and vehicle assignments on the fly. Two days before the event, I was informed that 2 of the standard support vehicles were not going to be used – Route Marshall & Bike Repair 2. This changed again on the day of the event with Bike Repair 2 returning to join the action. To help facilitate the changes, long time volunteer Herb Doane (VE1HTD) agreed to sit this one out. I look forward to having Herb back with us next year.

The Glenmont repeater (VE1AEH) performed perfectly the entire weekend. It covered the entire route – even in the dreaded depths of Deep Hollow Road where a rest stop had to be abandoned due to a lack of cell phone

coverage. As long as the route remains the same for next year's event, I plan to deploy the HARC repeater for backup.

The weekend weather was consistent - very hot and humid. The riders seemed to take this into account and the First Aid vehicles were not very busy.

This year's operators were:

Call Sign	Operator	Role
VA1ALW	Bill Simm	First Aid 2
VE1GTC	Tom Caithness	Bike Repair 2
VE1LDL	Doug LeBlanc	Bike Repair 1
VE1PIE	Colleen Prentice	MS Staff
VE1PJW	Peter Whalen	First Aid 1
VE1PK	Pat Kavanaugh	Trail Vehicle
VE1SJP	Sheldon Page	Comms Coordinator

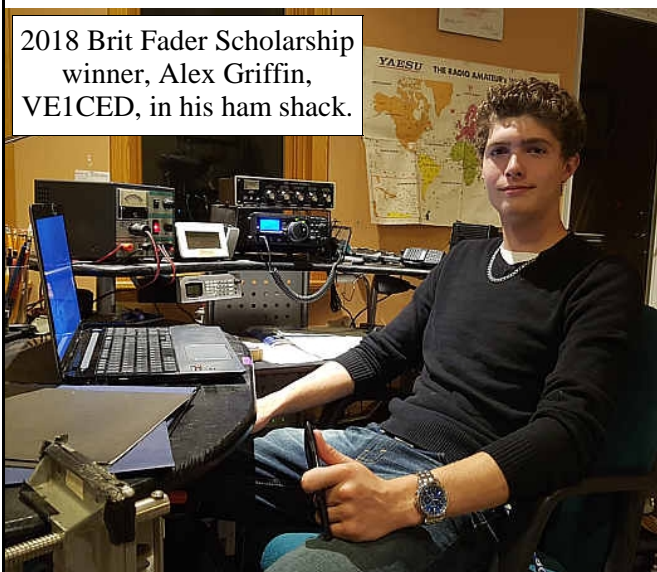
Special thanks this year go to Bill Elliot for his advice regarding coverage and capabilities of the Glenmont (VE1AEH) repeater and to the Kings County Amateur Radio Club for their permission to

use VE1AEH. Both Bill & the KCARC were instrumental in making our support of this year's event a success. I greatly appreciated the support, patience and enthusiasm of the operators and look forward to next year's event.



The HARC Team at Sunday breakfast.  
Photo by Colleen Prentice – VE1PIE

2018 Brit Fader Scholarship winner, Alex Griffin, VE1CED, in his ham shack.



Winner of the H.A.R.C.'s 2018 Brit Fader Scholarship in the amount of \$1,500 is Alex Giffin, VE1CED.

"I would be honoured to accept the scholarship"

Thanks, Alex, VE1CED

The bio that Alex sent us for release states:

"Alex is a student who grew up and currently lives in Mineville, Nova Scotia. He graduated with honours from Auburn Drive High School in Cole Harbour in June 2018. He has a keen interest in mechanical and electrical components. This sparked his interest in amateur radio, where he earned his Basic License with Honours at age 14.

Alex will be attending Saint Mary's University in Halifax in September 2018, where he will study Engineering."