



The Halifax Amateur Radio Club

REFLECTOR

PO BOX 8895
HALIFAX NS
B3K 5M5

October 2016, Volume 77 Number 8
club web site is www.halifax-arc.org



Note Time Changes for General Meeting Night Segments



HARC Club Station phone number - 902-490-6421

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Director Emeritus - Bill Elliott, VE1MR	865-8567	bowser.elliott@ns.sympatico.ca

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RAC Assistant Director for HRM Scott Wood, VE1QD, 823-2761	ve1qd@rac.ca

Take-15 Net Controllers

This will be the rotation.

We need more net controllers. If you want to join, contact Bill, VE1MR



Oct. 16	Bruce	VE1MLW
Oct. 23	Win	VE1WIN
Oct. 30	Doug	VE1LDL
Nov. 6	Gary	VA1GGM
Nov. 13	Bruce	VE1MLW
Nov. 20	Win	VE1WIN

*Police in Los Angeles had good luck with a robbery suspect who just couldn't control himself during a lineup. When detectives asked each man in the lineup to repeat the words: 'Give me all your money or I'll shoot'..... the man shouted,
'That's not what I said!'*

The October 2016 General Meeting of the Halifax Amateur Radio Club will be held Wednesday, October , in the Senior's Room on the 1st floor of the St. Andrew's Centre, 3380 Barnstead Lane, Halifax.
6:30pm (1830hrs) meet & greet.

7 pm (1900 hrs) Presentation
Topic: Comparing Selected Contest and General Purpose Logging Programs
Speaker: Jeff Smith - VE1ZAC

8 pm (2000 hrs) Regular Monthly Business Meeting
Guests are welcome

To make the most of **our web page** please send photos, notices of events, and ham radio news items, etc. to Howard Dickson, VE1DHD by e-mail at dhickson@eastlink.ca

Deadline for submissions to the November Reflector is Saturday November 5, 2016

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

Event for Your Calendar

This fall's Basic Amateur Course started on September 22 in the HARC club room with 19 students present; 21 enrolled and 2 more are doing self-study. Coordinator Tom, VE1GTC, can be reached at ve1tom@rac.ca or tom.caithness@ns.sympatico.ca.

Oct, 22 - Greenwood

Fleamarket

(Saturday) 10:00 AM to 01:00 PM
(Open 08:00 AM To Sellers)

Place: Greenwood Community Ctr,
Church Street, Greenwood, NS

Map on web page at

http://garc.ve1cfy.net/?page_id=288

21 December HARC Christmas Party
and Rookie of the Year Award

Message handling practice nets

On VE1PSR 147.270 +

Sundays at 1930 hrs.

Anyone wishing to become involved with the emergency communication message handling please contact

Tom Caithness for voice practice.

Tom.caithness@ns.sympatico.ca

or Dave Musgrave for digital

david.musgrave@ns.sympatico.ca

Some hams have expressed interest in taking an Advanced Course -- if one were to be taught. This could be arranged if there are enough people who'll commit to taking such a course.

If you are interested let Tom Caithness know at

Tom.caithness@ns.sympatico.ca

National Parks on the Air - USA

Throughout 2016 Amateur Radio will be helping the National Park Service (NPS) celebrate their 100th anniversary. Hams from across the USA will activate NPS units, promote the National Park Service and showcase Amateur Radio to the public.

Greenwood Amateur Radio Club
29th Annual Flea Market

Date: 22 OCT 2016 (Saturday)

Time: 10:00 AM – 01:00 PM
(Open 08:00 AM To Sellers)

Place: Greenwood Community
Center, Church Street, Greenwood,
Nova Scotia

Cost: Admission \$5

Tables Free To Sellers

Directions: GPS Coordinates: N44°
58.512' W064° 55.612'

Talk In: VE1WN 147.240+

For Tables contact: VE1ICY at

cfhutchinson@gmail.com

For further info contact: VE1JW at

ve1jw2010@gmail.com

Directions:

Take Exit 17 off Highway 101.
There are two exit 17's and the one to the west is for eastbound traffic and the one to the east is for westbound traffic. Take the appropriate exit as depicted on the map and drive to the Greenwood Community Centre.

When Insults Had Class

"He is simply a shiver looking for a spine to run up." - Paul Keating

SAFTY

Nothing is "safe" anymore!
Check this out?????

Magnet In A Sock To Open A
Hotel Safe

You gotta watch this one. Careful if
you go to Vegas, etc.

A Magnet And A Sock Is All You
Need To Open A Hotel Safe –

<http://digg.com/video/magnet-opens-hotel-safe>

The Maritime Amateur

Ham Radio

for Maritimers by Maritimers

www.maritimeamateur.ca

**Canada 150: Special Event
Prefixes for Canada's
Sesquicentennial**

Radio Amateurs of Canada has secured permission for all Canadian Radio Amateurs to use special call sign prefixes to celebrate the 150th anniversary of Canada's Confederation.

National, regional & local events will take place throughout 2017 to celebrate the anniversary, Canadian Amateurs will let their counterparts around the world know of our celebration by using the following special prefixes:

- Amateurs & clubs whose regular call signs start with VA will be able to use the CF prefix instead of VA (for example, VA3RAC will be authorized to use the CF3RAC call sign).
- Amateurs & clubs whose regular call signs start with VE will be able to use the CG prefix instead of VE (e.g., VE4RAC will be authorized to use CG4RAC).
- Amateurs & clubs whose regular call signs start with VO will be able to use the CH prefix instead of VO (e.g., VO1RAC will be authorized to use CH1RAC).
- Amateurs & clubs whose regular call signs start with VY will be able to use the CI prefix instead of VY (e.g., VY2RAC will be authorized to use CI2RAC).

These special prefixes are optional and Amateurs can choose if and when to use the special prefix vs their normal prefix at any time during the year. Stay tuned to the RAC website for additional information

For more information on Canada150 visit

<http://canada.pch.gc.ca/eng/1342792785740>.

Could it be that all those trick-or-treaters wearing sheets aren't going as ghosts but as mattresses?

PRESIDENT'S MESSAGE for October, 2016

Hello, CQ DE VA1CC: I would like to take this opportunity to wish all amateurs and their families a very Happy Thanksgiving. There is no doubt the wx has cooperated this past week with excellent conditions to work on antennas, guide wires, towers and coax fittings. We all know that the snow and cold temperatures are not to far off.

This weekend is also the Scandinavian dx contest and so far I have managed to work 50 contacts as well as other dx countries; however, I still have a long way to go (currently 279) to 339 available entities world wide. Signals ranged from 5/5 to 5/9 on my vertical but propagation into northern Europe was being blocked by that "European wall" which probably accounted for the lower signal reports. By the way, don't forget the world wide dx contest on October 29/30, 2016 which is great for new hams to get the 100 country dx award from the ARRL, AND for those hunting for prefixes or just being competitive it's always a lot of fun and good experience.

Just for your information, our Basic course is going quite well with over twenty students participating. This is going to be a great year for the club with so many prospective new hams soon to graduate. We should also take note of our efforts at the Museum of the Atlantic this year: this is going very well with well over 2000 certificates having been issued to those who sent their name in Morse code. We will have new projects to work at in the near future and will be announcing them as details become available.

As of late yesterday afternoon, I have received a listing of HRM properties. We need to review the list, select possible sites, do walk-throughs and test locations for radio interference, accessibility -- security issues and time frames. Once we have performed all of these steps we will make a presentation to EMO Management for approval. We do not have any time frames from HRM YET ON THE PROPOSED MOVE. I WILL MAKE SURE EVERYONE KNOWS WHAT IS HAPPENING AND WHEN, EITHER BY THE MEETING OR E-MAIL.

Well, enjoy your time this weekend with family, friends and strangers as this is always a time to share your good fortune with others who are less fortunate than we are. I will see you at the October general meeting- (Oct. 19th) this will be another great meeting.

Thank you all, Brian Allen, VA1CC, President of the H.A.R.C.

To make the most of **our web page** please send photos, notices of events, and ham radio news items, etc. to Howard Dickson, VE1DHD, Howard Dickson by e-mail to dh dickson@eastlink.ca

The HARC Reflector is also available on the web (photos in colour) via www.halifax-arc.org

When Insults Had Class
"I have never killed a man, but
I have read many obituaries
with great pleasure."
-Clarence Darrow

"I was married by a judge. I
should have asked for a jur.y"
-- Groucho Marx

**The Halifax Amateur Radio Club
 General Meeting Minutes
 September, 2016**

Not available for publication.

Take-15 Net controllers needed

We need more net controllers for the Take-15 net. This is not a hard task and usually takes less than ½ hour on a Sunday evening. It is good practice for running a net which can enhance your usefulness in doing a net during an emergency.

I would like to see some of the newly licensed Amateurs take this on. The more controllers we have the fewer times during a year that you would need to take a net. We are currently down to 4 controllers and this means they only get 3 weeks off before they do a net again. An ideal number would be 12 but 6 to 8 will spread the task out nicely. Contact Bill, VE1MR

It's easy and you meet other club members on the air as well as visiting Amateurs during the summer. Please consider taking a small amount of time on a Sunday evening to help the club out.

This Net may be one of the longest running 2M nets in existence It would be a shame to discontinue it.

The Take-15 net is a good place to hear what is going on in the Amateur community and hear news of upcoming club events. You can also ask questions on topics of interest to Amateurs, perhaps technical, operating, building etc. So if you don't want to be a net controller right now at least check in to the net. We know a lot of Amateurs & scanner listeners are on frequency - many more than usually check in.

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" in the "Subject" box so I don't miss it. -ed

The following is an item that will soon be added to the Maritime Museum of the Atlantic's web site. and to the HARC web site. There will be pictures as well, some of which were in the Sept Reflector.

To date, included in the long list of visitors to the "Wireless Room" at the museum there are over 30 out of town fellow amateurs from Finland to California. Over 2200 certificates have been issued this summer.

The copy of the code is on the reverse of each certificate. -Dick, VE1AI

See picture of certificate (front & back combined) on page 9. -ed

The Wireless Room

The Wireless Room within the Age of Steam exhibit at the Maritime Museum of the Atlantic has been created by the museum in partnership with the Halifax Amateur Radio Club (HARC). The room provides a visual demonstration of how ships communicated with one another and with shore stations after the advent of radio communications. Prior to the invention of radio, the primary method of communications at sea was by means of signalling flags or lamps but they were only effective over short distances, i.e. line-of-sight.

Once radio became available, ships were not only able to communicate over long distances and during inclement weather, but were also able to use radio direction finding to accurately determine their position. The wide use of radio communications after 1900 led to a dramatic decline in the losses of ships and crew. Thus the radio room became a central part of operating a ship.

The primary mode of communications was **Morse code** which employs a series of short signals, or **dots**, and longer signals, or **dashes**. Each letter, number and punctuation sign has its own unique combination of dots and dashes. A text message was then sent as a properly sequenced set of dots and dashes to the distant radio operator. Radio operators required great skill to send and receive messages at speeds of 30 words per minute or more. Morse code was the primary mode of radio communications at sea throughout the 20th century and until satellite communications became available.

Amateur radio operators throughout the world continue to maintain their communications skills at a very high level, including the use of Morse code as well as various voice and digital modes. Their skills in conducting clear and varied modes of communications is a cornerstone the hobby of amateur radio and is an invaluable skill during any emergency situation, especially those natural or man-made disasters when normal commercial communications fail. Morse code remains a very reliable and robust mode of communications.

The Wireless Room is staffed several days a month, by volunteers of the Halifax Amateur Radio Club, who conduct live demonstrations of Morse code for visitors. Those who wish may test their own skills by sending their name in Morse code to the volunteer on duty. All who successfully complete the test will receive a handsome certificate that commemorates their achievement. *(photo of certificate front & back on page 9)*

The equipment on display in the wireless room consists of a vintage 1944 Marconi Model CM-11 receiver and transmitter from a World War II Canadian Naval Vessel. This radio has been completely restored by a member of the Halifax Amateur Radio Club and is fully operational.

There is also a modern ICOM Amateur Radio Station that is also active using the Amateur radio call sign VA1MMA. This station is capable of communicating worldwide on many frequency bands and many different modes. It uses only a modest antenna mounted on the roof of the museum and the ionosphere to enable communications over great distances, using shortwave frequencies.

The Wireless Room is a new display for the museum this year, and it attracts visitors of virtually all ages. Drop by the **Wireless Room to view the display, and** chat with the HARC volunteers to experiment with Morse code and obtain your souvenir certificate! Call 902-424-7491 to find out when volunteers are in to offer visitor demonstrations.

RAC Revised 0 – 30 MHz Band Plan - The revised RAC 0-30 MHz Band Plan has been released with the effective date of December 1, 2015. This replaces the January 1, 2015 Band Plan version. It incorporates several updates to reflect feedback received on the earlier version. The Band Plan graphics have also been

changed to improve readability and make it easier to determine which segments are recommended for which modes.

The RAC 0-30 MHz Band Plan is available on the RAC web site; down-load a copy or print one off for use in the "shack": wp.rac.ca/rac-0-30-mhz-band-plan.

A "tip of the hat" to VO1NO – Al Penny of Nova Scotia who chaired the RAC Band Planning Committee.

"The secret of a good sermon is to have a good beginning and a good ending; and to have the two as close together as possible."

- George Burns

Portable in the Back Woods of Nova Scotia (and Other Places with Trees)

Back on in 2009 it was time for me to try something else. In August 2009, I moved from full-time to part-time service in the Army Reserve and started my new job as “Supervisor Sable Island” with the Meteorological Service of Canada. The title was a bit of a misnomer, as I was only the supervisor of the federal government station on Sable, and one of two at that. Part of that job was coordinating visitors, including DXpeditions to the island. I did help to coordinate a couple of groups out to the sandbar, but was never on the island for those. During some of the work for an expedition that took about a year to finally get out there, Randy (N0TG) suggested I get my license. A quick email to HARC resulted in a self-study package being dropped at my mainland office in Dartmouth, to be forwarded to the island. I studied up that fall, and wrote my test at David's (VE1NN) place. The home study package from Barry (VE1TRI) was well done, and I was issued VE1AWW, Basic with Honours license in July 2010. However, CY0, HF, and “what's a pileup?” are stories for another time . . .

My first VHF rig was the Yaesu VX-7R HT. I was intrigued by the four bands, wide receive, small form-factor, waterproof-ish nature – there are other bits on the list. The water resistance was especially appealing, in that I tend to enjoy backcountry hiking (in the rain), wilderness canoe tripping (in the rain), sailing (rain included) and other activities that tend to involve being outside. One might think that given I work for the weather service, I could avoid the rain.

My first try at wilderness radio operations was a 2013 trip into the Tobeatic Wilderness Area in SW Nova Scotia (see http://www.novascotia.ca/nse/protectedareas/wa_tobeatic.asp for details). Cell service is spotty to non-existent for large portions of our route, especially out towards Sporting Lake up to Buckshot Lake and the upper reaches of the Shelburne River. The VX-7R came into service, with notes in a waterproof notebook with repeater frequencies and linking codes for the repeaters “near” the area. VE1KEJ was the closest for sure. However, 5 watts & a rubber duck antenna could barely open KEJ and definitely couldn't pass a DTMF tone. The usual “stand on a rock, hold the HT just right with a foot touching a lake, interpretative dance optional” did manage to get out at every stop along the way. I had to be in the right corner of Sporting Lake to get out, but it worked. It was this trip where I “met” Howie, VE1FV on the KEJ machine. He tracked our progress every night. If the two of us intrepid paddlers disappeared, at least the search teams would know where to start. In fact, it was my little HT that helped reassure the wife of my travelling companion. All very neat, but improvements could be made.

We made a similar trip into the Tobeatic and Keji in 2014 with two other friends. The trip was scheduled for 10 days, with a different route for the start and finish with some time on the upper Shelburne River. The VX-7R made the trip again, but this time with a homebrewed 5 element collinear antenna based on one I found on the internet for an AIS receive antenna – modified for 2m

(see <http://arundale.com/docs/ais/aerial.html> for details).

This antenna definitely helped out, including the ability to get tones into KEJ. A bit of line, a stick or rock, and tree (there are a few to be found in the woods), and you are on the air. VE1KEJ includes the option of dialling up the WKEJ surface weather condition & forecasts. The Tobeatic is remote enough that the MSC Weatheradio system is down in the mud in many places. So when I couldn't pick up a weather radio station for the forecast, VE1KEJ could fill in. The new antenna also brought up a couple of weather radio stations to where they could be made



out clearly. Once again, Howie followed our progress with a regular check-in every evening around 8 pm.

2015 didn't see us back into the Tobeatic, but I did manage a trip up to the Kennedy Lakes region in central NB. Once again, the HT went along. With the homebrew collinear, I could get out on one repeater reliably, and a second with the appropriate dance moves. With the rubber duck, not so much. The VX-7R also did duty as a Weatheradio receiver for this trip.

In August of 2014, a friend and I paddled (well, dragged over rocks, with occasional paddling & fishing) the Fish River between Scraggy Lake and the “main” road above Lake Charlotte in Nova Scotia. Once again, not much in the way of cell coverage, but I could reliably hit the VE1MHR machine with the collinear.

This past May, two of us made a quick trip back into the Tobeatic. We headed back into Sporting Lake for a couple of days. This was the first chance I had to try the collinear up there, as we came in by a different route in 2014. It made a big difference for sure. And this time I had VE1AAR, the Digby repeater, programmed in. Where KEJ was still a bit of work and my signal was down there

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a ways, AAR came booming in, with the S meter on the HT touching S9. I even checked in on the Wednesday night net. Another bonus of this trip – almost no rain.



Some of the ideas I have for improving "pine tree portable" operations include adding a section of feedline to the collinear (the bottom section tends to reside in the tent at night), with or without radials. I have thought about adding a bulkhead connector to the end of a feedline, solder on some radials, and attach the ends of those to a circle of some sort of flexible tubing to get them drooping enough to

get closer to a good impedance match. Also in the works, ladder line Slim Jims for 2 and 6m, 5/8's vertical for 2m (6m?, 70 cm?). Down the line I may even explore some sort of folding or roll-up beam. When I get around to sorting out CW HF QRP is definitely an option I plan on exploring. More to follow . . .

Finally, words of wisdom for those who would play in the woods: Sun equals the possibility of some bugs being about. Water



resistant does not equal DEET resistant. Some of the lettering has departed from the VX-7R – especially the bit that used to say "submersible".

73 from the back woods of Nova Scotia, Al, VE1AWW

Vimy Ridge Commemorative Station VE1OOVIMY Donald Studney, VE7DS

April 9, 2017, will mark the centenary of the Battle of Vimy Ridge - a major milestone on Canada's road to nationhood.

Situated on an escarpment above the adjacent Douai Plains in the northeast corner of France, Vimy was part of the "Western Front" the main theatre of battle in WWI which stretched from the North Sea to the Swiss border. Vimy Ridge appears as a small dot on the landscape when a visitor approaches from the nearby highway and seems to be insignificant. It was, however, of huge strategic importance, commanding a great field of fire and blocking advances up the adjacent broad valleys leading towards important mining and industrial sites. Repeated attempts by the French and British forces over three years had failed to dislodge the occupying German troops and had cost hundreds of thousands of casualties.

On April 1917, four Canadian Divisions, fighting as a unified force, using original tactics and under the command of Canadian General Arthur "Guts & Gaiters" Currie, captured the main part of the Ridge on the first day of combat and completely occupied the entire ground in 4 days. Vimy Ridge remained in Allied hands for the rest of the war and served as the base for wireless operations of the Canadian Corps of Signals. The Vimy success was welcome news to war-weary Canada and it stirred a new sense of nationhood that some historians describe as the "birth of a nation for Canada".

In April 2017, for the first time in nearly 100 years, wireless signals will ring out from this Canadian National Historic site. The site was ceded by France to Canada by a Treaty in 1922 for "a park of 100 hectares ... on which to lay out a monument to the memory of the Canadian soldiers who died on the field of honour in France during the war 1914-1918".

When VE100VIMY goes on air the signals will be "CQs" and "599s" instead of artillery coordinates. A dozen operators with two stations will transmit from a shack near the summit of the Ridge.

The event is being organized by the Vimy Commemorative Station Society, a BC registered Society and a RAC Affiliated Club, in coordination with a number of leading Canadian Amateurs.

Some of the Vimy station organizers and operators were members of the Hart House Amateur Radio Club

(Continued on page 7)

"What I don't like about office Christmas parties is looking for a job the next day." -Phyllis Diller

(Continued from page 6)

(HHARC; call sign VE3UOT) at the University of Toronto in the 1960s. Hart House was then a men's (now coed) cultural & athletic centre and the home to many clubs such as debating, photography as well as Amateur Radio. The radio club's meeting rooms were usually reached by passing by a captured WWI German Maxim machine gun on display. In the display, a small sign read that the Maxim gun had been captured at Vimy by a U of T graduate, Major Thain W. MacDowell, who was awarded a Victoria Cross for his actions.

This held little significance for most HHARC members with the exception of Thain, VE2NI (SK) whose father was Major MacDowell who had brought the gun home from the War and made it a childhood toy (no live ammunition) for VE2NI. The gun was later gifted to the University and is now on display in Soldier's Tower adjacent to Hart House. Thain Jr. was part of the planning group for VE100VIMY.

The Maxim gun's inventor was an American-born Briton, Sir Hiram Stevens Maxim who licensed his

device in Europe and Britain in the early 1900s. Thus the same weapon came to occupy both sides of the Western Front in the subsequent war. Sir Hiram's son, Hiram Percy Maxim was also an inventor & radio experimenter who held the call sign 1AW. He is, of course, now celebrated in the Amateur Radio world as the founder of the American Radio Relay League (ARRL). W1AW identifies the Hiram Percy Maxim Memorial Station at ARAL headquarters in Newington Connecticut.

The significance of the Battle of Vimy is little known outside of Canada. This Commemorative Station Event will take the message of Vimy around the world, crossing borders & cultural boundaries as only radio waves can. Amateurs who contact the station will learn about Vimy during their QSO and from the QSL card.

The Society Executive has visited the Vimy site on three recent occasions for purposes of logistics planning and antenna siting. RF noise levels were assessed in April 2015 and found to be low. Present plans are to

have two Elecraft K3/ KPA500 combinations and an array of directional & dipole antennas. Modes will be CW, SSB and ATTY with an emphasis on unique contacts and on coverage of the low bands so popular in Europe. Special efforts will be made to aim good signals at Canada. For security reasons the shack will not be open to the public nor to visiting Amateurs. Contact will have to be made the hard way - on HF.

The organizers wish to recruit operators with good contest or DXing skills from as wide a cross-section of Canada as is practical. Additionally, CFARS (Canadian Forces Affiliate Radio System) has been invited to nominate licensed active service personnel to be guest operators. Interested Amateurs should contact the organizers at ve100vimy@rac.ca.

For more information on this very special event please visit our website at: <http://www.ve100vimy.ca>

Time segment proposed for VE1 is Sunday, January 1, 2017, 0:00 UTC to Saturday, Jan. 7, 2017, 2359 UTC

Look at a Canadian \$20 bill to see the Vimy Monument.

Procedure to Request VE1/VA1 Amateur Radio Call Plates

The form for Amateur Radio Plates is available at Access Nova Scotia

An individual requesting Amateur Radio plates for the first time must complete Sections 1, 2, 3, 6 and 7C of the Form 2 (Section 5 must be completed if vehicle owner is different) and forward it to:

Thomas J. Cohoon
99 Hyson Point Rd. Oakland,
RR2 Mahone Bay NS B0J 2E0

ve1ta@eastlink.ca or 902-624-8931

Mr. Cohoon will approve and forward the Form 2 to our Dartmouth ANS office.

The individual must have an existing valid plate, in their name only, to

replace.

An amateur radio plate may not be issued in joint ownership.

If the existing plate is due to expire, the applicant should include the renewal fee (cheque or money order), along with their application.

If replacement VE1/VA1 plates are required, the applicant must complete a Form 2 (Sections 1, 2, 3, 4 and 6) and forward it, along with the \$11.30 replacement fee (cheque or money order) to the attention of:

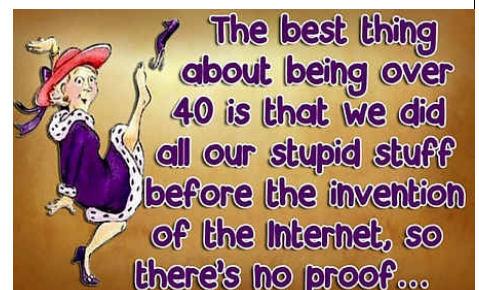
Perry McInnis – Dartmouth ANS Office, 250 Baker Drive suite 134
Dartmouth B2W 6L4

NOTE: The \$11.50 is only for requesting replacement VE1/VA1 call plates when you already have

VE1/VA1 call plates.

The VE1/VA1 plates will be received from the manufacturer within 6-8 weeks. Once the plates are received by the Dartmouth ANS office, they will be sent to the applicant, along with corresponding vehicle permit and sticker (same expiry as their existing plate).

http://nsara.ve1cfy.net/?page_id=18.



From the Mail Bag

Heathkit is still alive! <http://heathkit.com/>

http://electronicdesign.com/microcontrollers/have-chip-vendors-taken-over-where-heathkit-left?NL=ED-001&Issue=ED-001_20160919_ED-001_865&sfvc4enews=42&cl=article_1_b&utm_rid=CPG05000002059858&utm_campaign=7629&utm_medium=email&elq2=c9fd0a866f554d5b9e85f0e28e9210b3

Heathkit still has kits, and one is a Digital Clock kit. There is also a stealth 144/440MHz Ham Radio antenna kit.

No longer in Benton Harbor Michigan. It is now located in Santa Cruz, California.

Paul Robinson

For your viewing enjoyment!

<https://www.youtube.com/watch?v=LZadwPHDPA4>
Lorne Anderson VE1BXX

Hello everyone

Our first lighthouse activation went very well! Ten AVARC members showed up at the Margaretsville Light this past Sunday morning, and we even had Peter VA3PKM stop by for a visit after reading about our plans online. We quickly erected two 24-foot masts that supported dipoles for 20m and 30m, and a 33-foot vertical antenna for 40m. Several people also brought along their own portable stations with mag-mount antennas for the HF bands, and in short order we had 5 transmitters operational.

Unfortunately, propagation has sucked lately! Despite that however, we made several dozen phone, CW and digital QSOs. We worked a number of US states, including a few hard-to-get ones like Nebraska. We also received excellent signal reports into Europe, and worked Ireland, England, France, Austria, Spain, and the Czech Republic. Not bad for dipoles a few meters off the ground!

I'm not sure if we'll be able to schedule another lighthouse activation before the winter hits, but we'll definitely be doing this again!

For photos of the day's activities, check our Facebook page (look for "Annapolis Valley Amateur Radio Operators"), or our web page <<http://avarc.ca/>>.

73 Al, VO1NO / VA1AVR

9 VIDEOS of Installing a 3-Element 75-Meter Yagi Antenna at Contest Station W0AIH....

Other than the Yagi and 4 Squares what looks like trails are no doubt Beverage antennas.

0 - <https://www.youtube.com/watch?v=WWJqucUf34M>

1 - https://www.youtube.com/watch?v=S_hxywTgnwU

2 - https://www.youtube.com/watch?v=S_hxywTgnwU

3 - <https://www.youtube.com/watch?v=sNPwYmariIo>

4 - https://www.youtube.com/watch?v=N0bE_m6xxwY

5 - https://www.youtube.com/watch?v=rJQ_GU_W8YE

6 - <https://www.youtube.com/watch?v=9zyTI3EAa58>

7 - <https://www.youtube.com/watch?v=zWmFYsDXzmk>

8 - <https://www.youtube.com/watch?v=KIC5-lFzBQE>

Passed along by Ken, VY2RU

I participated in the "400th anniversary of the death of Miguel de Cervantes, one of the greatest writers in Universal History. His most iconic novel, "Don Quixote" is the most edited and translated book in all Literature History, just behind The Bible".

I entered as an individual and as a team with Rick VO1SA, Len VE9MY and we came in 19th in the world. I got 1st in for Canada, 6th for North America and 120th in the World so not all that bad overall.

Being this far North we (Canada and Northern US) found it pretty hard to compete with the propagation to the Caribbean and Southern US as well as the the close location of the EU's to Spain.

All in all it was a long event, Sept.16 to Oct.9 but a lot of fun, tiring and a battle for position...Hi,Hi!

Check out the website for this event...it is awesome!
<http://cervantes.ure.es/>

73 - Ken VY2RU

VY2RU in the AN400xx Celebration Event (<http://cervantes.ure.es/>)

	SSB	CW	DIGITAL
Worked - 255	78	90	87
Canada - 1st			
North America - 6th			
World - 120th			
Team (VO1SA, VE9MY, VY2RU) - 19th in World			
Ken McCormick, VY2RU			

Money will buy a fine dog, but only kindness will make him wag his tail.



How to decode Morse

Morse code enables messages to be sent, letter by letter, using a system of long and short signals, produced by depressing the key of an electric buzzer or any other continuous tone source or by flashes of light from a flashlight, or even by puffs of smoke. Make short pause between words to help the recipient read words. Dots in the key below represent short signals, dashes long ones.

A · —	N — ·	comma — — · — —
B — · · ·	O — — —	semicolon — · — · — ·
C — · — ·	P · — — ·	colon — — — · ·
D — · ·	Q — — — —	period · — · — —
E ·	R · — ·	question mark · · — — —
F · · — ·	S · · ·	quotation marks · — · — ·
G — — —	T —	wait · — · ·
H · · · ·	U · · —	end of message — — — ·
I · ·	V · · — —	error · · · · · ·
J · — — —	W — — —	understood · · — ·
K — · —	X — · — —	1 · — — — — 2 · · — — — 3 · · — — —
L — · · ·	Y — · — —	4 · · — — — 5 · · · · · 6 — · · · · 7 — · · · ·
M — —	Z — — · ·	8 — — · · · 9 — — — · · 0 — — — — —

For more information on Amateur Radio, visit HARC at www.halifax-arc.org or, in the United States, the American Radio Relay League at www.arrl.org

The Brit Fader Scholarship is intended to assist with post-secondary education for a young Canadian Radio Amateur. Please inform potential candidates about this opportunity.



To keep the scholarship fund self-sustaining the fund needs donations. Please make an income tax deductible donation to:

The Brit Fader Scholarship Fund.

A recent study has found that women who carry a little extra weight live longer than men who mention it.

With a current membership of Hams from all points in the Maritimes, the **Maritime Contest Club** is dedicated to the promotion & enjoyment of Radiosport.

Contact ve1rgb@rac.ca or ve1op@rac.ca

for more information, or to join the Contest Club's Reflector.

The website of the newest Amateur Radio Club in Nova Scotia, the Annapolis Valley Amateur Radio Club (AVARC), can be found at <http://avarc.ca/>.

The Fact That There's A
HIGHWAY TO HELL
And Only A
STAIRWAY TO HEAVEN
Says A Lot About Anticipated
Traffic Numbers.

The Maritime Net is on 3.750
at 7 PM daily.

For information about the International Space Station, visit:
<http://www.nasa.gov/station>



HALIFAX AMATEUR RADIO CLUB MEMBERSHIP - For 2017

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☐ 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..**



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City/Town Province Postal Code Telephone Number

Fees ☐ Full Member, must be a licensed Amateur (\$30.00)* ☐ Associate member (Non Voting) (\$15.00)

☐ Family membership (one newsletter) (\$30.00)* + \$15.00* each additional person.* Amount submitted \$ ____.

* Full HARC Members will also receive full membership in the NSARA

The membership year is from January 1 to December 31.

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

✉ Mail to: Membership Chair
Halifax Amateur Radio Club
P.O. Box 8895
Halifax, NS B3K 5M5

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Payment Options ... In addition to mailing a cheque to the Club mailing address along with the application form, or paying at a Club meeting, we have set up a new electronic money transfer process.