



# REFLECTOR

PO BOX 8895  
HALIFAX NS  
B3K 5M5

January 2014, Volume 75 Number  
club web site is [www.halifax-arc.org](http://www.halifax-arc.org)

May We All Have a Happy & Healthy 2014



HARC Club Station phone number - 490-6421

### Executive

President - Scott Wood, VE1QD	823-2761	ve1qd@rac.ca
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Secretary - Jeremy Fowler, VE1JHF		VE1JHF@Gmail.com
Treasurer - John Goodwin, VE1CDD	865-5731	VE1CDD@eastlink.ca
Co-Treasurer - Jim Guilford, VE1JG	466-2124	jimguilford@gmail.com
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Club Station Mgr. - Jim Flowers, VE1JIM	443-8657	ve1jim@ns.sympatico.ca
Past President - Fraser MacDougal, VE1WO	865-4198	fmac@eastlink.ca

### Committees/Offices/Prime Contacts

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Honorary Legal Counsel - Paul Radford, VE1ARH

### Non Club Contacts

RAC Atlantic Director - Everett Price, VO1DK vo1dk@rac.ca

RAC Section Manager - Craig Seaboyer, VE1DSS cseaboye@stfx.ca

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

The **January 2014 General Meeting** of the Halifax Amateur Radio Club will be held Wednesday, January 15 in the Senior's Room on the 1st floor of the St. Andrew's Centre, 3380 Barnstead Lane, Halifax. Social Hour begins at 6:30 p.m. Refreshments will be available.

Entertainment 7:30-8:30 pm.  
Topic: **Developing a Strategic Policy and Program for Education and member recruitment**

Presenter: Scott, VE1QD

8:30-9:30pm Regular Monthly Business Meeting. The meeting agenda is on the HARC web site

Guests are welcome

### HARC 2014 Membership Special Bonus

The HARC membership runs from January 1st to December 31st, so 2014 memberships are now due. As a special incentive this year, everyone who renews before the end of February 2014 will receive a special bonus in the form of several

(Continued on page 2)

### Take-15 Net Controllers

This will be the rotation. We need at least 2 more. **If you want to join**, let Bill Elliott, VE1MR, know.



Jan.	12	Doug	VE1LDL
Jan.	19	Bruce	VE1MLW
Jan.	26	Emil	VE1ESP
Feb.	2	Peter	VE1PJW
Feb.	9	Win	VE1WIN
Feb.	16	Erik	VE1JEH
Feb.	23	Doug	VE1LDL

### Deadline for submissions to the February Reflector is Saturday, February 8, 2014

Photos this issue thanks to Doug, VE1LDL; Tom, VE1KC, Fraser, VE1WO; Brad, VE1ZX; and Lorne, VE1BXK.

Definition - **HANDKERCHIEF:**  
Cold Storage.

### 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

*Events for Your Calendar*

The NSARA Contest will take place each year on the second Sunday in March. For 2014 the date will be March , 2014.

Feb.15 &16 - Guides On The Air (GOTA)

If you know any Girl Guides (or Brownies or Sparks!) think about getting on the air on February 15th or 16th. The best time is when the UK Guides will be on the air. There should be Guides on from Winnipeg, Canning and Halifax.

For more information have a look at the GOTA web page:

<http://www.clarayl.ca/index.php/whatisgota>

or contact va1yl at rac.ca

*Membership Special Bonus(Continued from pg.1)* pdf files that you can put on your smart phone, tablet or computer. These files have been extracted from the 2012 Maritime Callbook and include:

- \* Maritime Repeater Maps and Lists
- \* Maritime Repeater Linking Information + Link Codes for NS and PEI
- \* IRLP Linking Information and Canadian Link Codes

While most of us have a copy of the Callbook in our vehicles, smart phones are becoming so common these days, that having this data on your phone or tablet could be extremely useful.

Remember, your HARC membership now includes an automatic membership with NSARA. Please renew now. You can mail your membership to:

Howard Dickson - VE1DHD  
HARC Membership Chair  
c/o Halifax Amateur Radio Club  
PO Box 8895,  
Halifax, N.S. B3K 5M5

*Talk is cheap...except when government does it.* Anonymous

## The 2014 Brit Fader Scholarship

I have just updated and posted as a ZIP file the three forms required for the 2014 Brit Fader Scholarship application process. I have indicated that the 2014 award will be \$1000.



Please spread the word about this scholarship to any potential applicants.

Howard, VE1DHD // VE1ZD

**Are you up to date with your HARC membership dues?**

Yearly rates are:

Full = \$30      Associate = \$15  
Family (2 members) = \$45 + \$15 for each additional family member at the same address (receive only 1 newsletter). Use the Membership form on page 10 of this Reflector or contact Membership Chair Howard Dickson VE1DHD

**Worlds tallest 160 mtr yagi beam falls down**

<http://www.youtube.com/watch?v=XCZcjqltJVA>  
video of twr turning

<http://www.qrz.com/db/OH8X>  
callsign and pics

[http://dx-world.net/2013/oh8x-tower-collapse/downed\\_twr](http://dx-world.net/2013/oh8x-tower-collapse/downed_twr)

*A successful diet is the triumph of mind over platter.*

*Silent Key*

DON WILCOX, VE1

**From** the HMCS Sackville - "Action Stations" magazine

**DON WILCOX REMEMBERED**

Don Wilcox of Dartmouth, a Life Member of CNMT who passed away in October is remembered by fellow Trustees and visitors to museum ship HMCS Sackville for his engaging personality and readiness to assist in various ship activities.

Donald Arthur Wilcox was born in Cardiff, Wales and immigrated to Canada with his parents in 1931. In early September 1939 at age 14, while returning to Canada from England in company with his mother he survived the torpedoing of the liner Athenia on the first day of WWII.

He served as a lieutenant in the Royal Canadian Corps of Signals (R) working on DEW Line and Tree Line radar installations in Northern Canada. He later served as Western Canada sales manager for the scientific and industrial equipment division of Philips Electronics Ltd. In addition to CNMT.

**The Maritime Amateur**

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

From the RAC Report - December 2013 **RAC Election of Officers**

*Al Masse, VE3CWP – RAC Corporate Secretary (ve3cwp@mnsi.net)*

At its regular monthly meeting, the Board of Directors representing the Radio Amateurs of Canada elected the following officers for a two-year term beginning January 1, 2014 and ending December 31, 2015:

President: Geoff Bawden, VE4BAW

First Vice-President & Regulatory Affairs: Glenn MacDonell, VE3XRA

Chief Information & Technology Officer: Paul Burggraaf, VO1PRB

International Affairs Officer: George Gorsline, VE3YV

Chief Field Services Officer: Doug Mercer, VO1DTM/VO1DM

Honourary Counsel: Marcel Mongeon, VA3DDD

Treasurer: Dorothy E. Brown, VA7DBR

Corporate Secretary: Al Masse, VE3CWP



**PRESIDENT'S MESSAGE: January 2014**

My warm wishes for a Happy New Year to all our HARC Members and *Reflector* readers.

The year past ended on a high note with our annual Christmas dinner event at Fan's Restaurant in Dartmouth. The occasion was used to present the first *Rookie of the Year Awards* to two very deserving young members, Brandon (VE1BMF) and Graham (VE1GFA) Fowler. They each received an attractive plaque in recognition of their outstanding participation in the Club during their first year as qualified radio amateurs. I again extend our congratulations to them and invite you to read the full citation elsewhere in this issue of the *Reflector*. Thanks to the Committee made up of Murray, VE1BB and Chair), Brian Allen, VA1CC, and Erik Hein, VE1JEH, that managed the selection process.

As we start a new year, my second one as HARC President, I am very aware of the huge amount of activity in which HARC is involved each year and the large number of our members involved. I documented this in my annual report for the November AGM, and it is posted on our website. I suggest you read it in order to fully appreciate the scope of HARC's activities...AND, if you notice something I have omitted, please call it to my attention so that I can revise the report. It is a valuable record of our Club's achievements in 2013.

Our storage project is almost complete. The final step is to install the metal shelves and wooden racks for tower sections and antennas in the container at Cowie Hill. Fraser, VE1WO, and Win, VE1WIN, will be doing the assembly and installation work soon so that by the time you read this it will likely be completed. We thank them both for their work, and a special thanks to Win who has also donated to the Club all the materials for the wooden racks. All that remains is to relocate HARC materials that are in various locations to our storage container. This will happen in early January.

Another project that will have moved ahead by the time you read this is the installation of an electronics work station in the Club Library and Workshop room. Wayne, VE1WPH, has refurbished a specialized piece of equipment originally used in a Bell Aliant workshop. It will be outfitted with appropriate tools and test equipment and used for Club equipment maintenance and for member's general use. Thanks to Wayne for his initiative in making this project possible.

We will start the 2014 series of Club programs with a topic at our January meeting that I hope will be agenda setting for this year and well beyond, namely *Developing a Strategic Policy and Program for Education and member recruitment*. While it is a weighty topic, I hope that, as the presenter, I can make it interesting, informative and entertaining. I also hope that the talk will initiate an on-going discussion about HARC's future and, indeed, about the future of amateur radio in Canada to which members can contribute. The ultimate hope is that we can together chart a purposeful course forward for HARC in 2014 and beyond.

K. Scott Wood, VE1QD

**HARC HF Remote Operation Project**

The required Hardware and Computer Software has been installed and FT 990 and Associated Computer has been interfaced and tested. An Operating Procedure has been produced.

**The System is now operational.**

The next step is to compile a list of Club Members who are interested in using the System. If you hold an Advanced Qualification and would like to be included, please contact Fraser VE1WO at 865-4198 or VE1WO@eastlink.ca

Once the list has been produced we will have to appoint a Project Manager to co-ordinate usage from those interested.

**A training session will have to take place prior to operation.**

**Station Manager's Report**

Anyone who would like to get some old copies of QST they are free for the taking. Duplicates are available.

Please get in touch with me.

Jim, VE1JIM

**1<sup>st</sup> Vice President's Report**

We are looking for volunteers to be part of the technical committee with several jobs and projects. Like setting up an HF vertical on the roof and refurbishing the satellite antennas including replacing the rotators, adding antennas etc.

You do not have to be technical or have particular experience with a particular job. There are small projects and jobs that can be done by a single person working alone with direction from a technical person.

If you have some time and would like to help out around the club please contact Bill Elliott, VE1MR or any other executive member.



Tim Dunlop of the MS Society presented Tom, VE1GTC, with a 10 year service award plaque at the HARC November meeting

“It was certainly my pleasure to attend and recognize such a dedicated volunteer. Congrats again Tom and thanks so much for all your time and efforts. Cheers, Tim”

Tower & Beam Removal, Nov.23 - The work party included climbers – Dave, VE1DDC & Chris, VE1LX (pictured on the tower) and ground crew – Terry, VE1TRB (who also coached the climbers); Bill, VE1MR; Doug, VE1LDL; Fraser, VE1WO; & Tom, VE1KC.

“Just a short note to let you know how much I appreciated the help. A real great bunch of guys with a real pro outlook. Please pass on my thanks to all. Hope the beam works out well for the club. Thanks again and take care. Tom, VE1KC”



**HALIFAX AMATEUR RADIO CLUB**

Successful Candidates for Amateur Radio Qualifications Exams held on 14 December 2013 at the HARC station



Marie-Lise Dagenais	dagenis.@hotmail.com	Basic
Jeffery Goodine	jgoodine@gmail.com	Basic
George Hebb	bhebb69@gmail.com	Basic
Chuck Kelly	chuck.kelly@nautel.com	Basic (with honours & Advanced)
Gary Murphy	garycrystal@hfx.eastlink.ca	Basic
Antony Parton	oldgargoylez@hotmail.com	Basic
David Rennie	daverennie@eastlink.ca	Basic
Scott Verge	srverge@srv.financial.com	Basic
Ron Douctte	ronn.d@hotmail.com	Basic (with honors)
Roberto Diaz-Rodriguez	diazrrob@gmail.com	Basic (with honors)



Dec. 2013 – Bruce, VE1II, beside the VE1HAR repeater equipment. Detailed records are kept of each site so repair & modification trips are not done “blind”.

*He said . . . . Shall we try swapping positions tonight?  
She said ...That's a good idea - you stand by the ironing board while I sit on the sofa and fart!*

*And As You Slide Down that Banister of Life You Should Pray That All The Splinters Are Pointed The Other Way.*

**SOLAR SETUP (PRELIMINARY)**

System consists of: 2 Dual Solar Panel/ Battery sets, Backup power supply and fused distribution power bar – all interconnected through 2 single pole double throw switches.

**SPECIFICATIONS:**

SOLAR PANEL – 7W (0.583A @ 12-15V)  
7 watt hour maximum full sun.

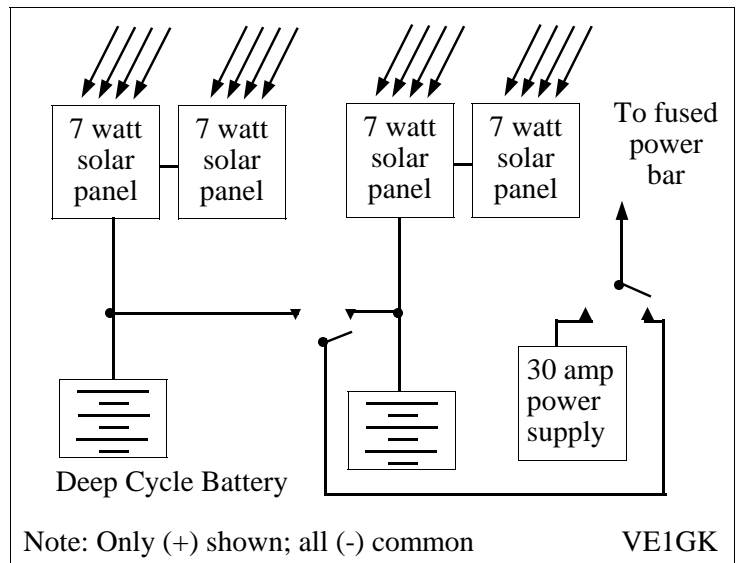
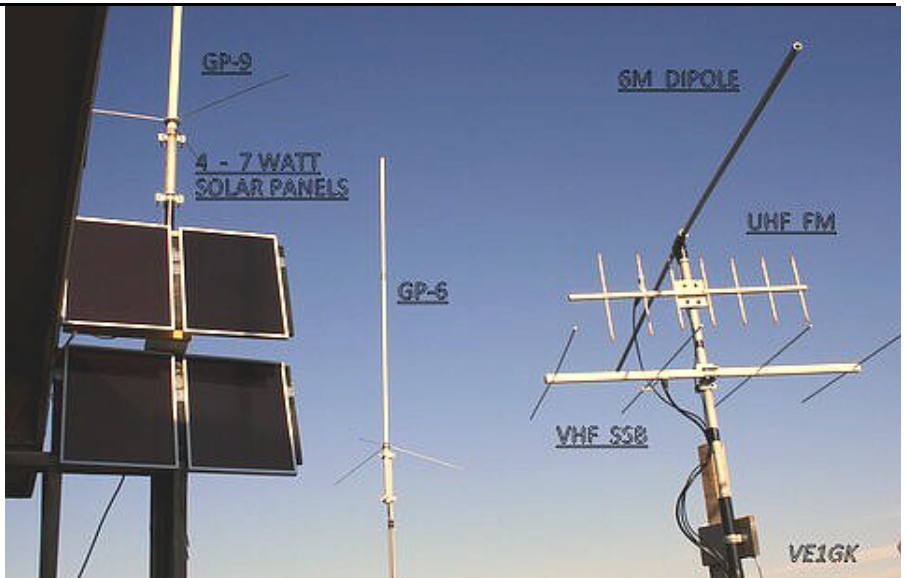
BATTERY – Type 27 Deep Cycle (95 Amp hours).

I was using an older ex. Coast Guard 30A power supply with battery backup. I saw a solar panel at a local automotive store and I picked it up. I had been told reconditioned deep cycle batteries were available from time to time and was able to get two from a national dealer. I set up a test system which worked nicely so bought 3 more solar panels. Rather than put everything together in a large configuration I decided to make two parallel systems using a SPDT switch to select which one I wanted active with the idea of alternating each day. And my old power supply reverted to backup.

Of note is the fact ALL panels charge during daylight hours while only the selected battery is being used – the other battery is always available if required.

Now the nitty gritty – how long will this work ‘off grid’, that is during a lengthy power outage? I have an ALINCO DR-635T set up in cross band repeater mode at mid power (20 watts). It draws 5 amps while transmitting and 0.5 amps in standby. Here in Nova Scotia at 45 degrees north latitude in November our daylight is about 10 hours. At 50% on/standby use, 33 amp hours are used in the first 12 hours while 10 amp hours are produced (assuming full sunlight) leaving a net loss of 23 amp hours from the fully charged 95 amp hour capacity of the battery; or 72 amp hours. The next 12 hours loses 33 amp hours with NO recovery at night, or 39 amp hours remaining after 24 hours operation. Continuing in this manner, there should be about 16 amp hours remaining after 36 hours of 50% operation at which point the SPDT switch should be thrown bringing in the other still fully charged battery. While the ALINCO will transmit at 11.25 volts, other transceivers may cut out when voltage drops so this is a consideration in any set up.

So far solar power is adequate for my usual arrangement of two transceivers – a dual band and packet setup (transceiver and TNC) – and the occasional HF evening net check in. I really don’t want to experience another 38 hour power outage like we did two years ago, but if that happens I will be, like the Boy



Note: Only (+) shown; all (-) common VE1GK

Scouts, ‘Prepared’.

**DIMENSIONS:**

Solar Panels (4) – 12.4” x 15.7” x 0.7”, 3 lbs. [\$10 ea.]

Batteries (2) – 7” x 12” x 8” high, 53 lbs. [\$50 ea., recons.]



**INSTALLATION:**

I have angled panels 25 from vertical for optimum exposure in winter here at 45 degrees north latitude. Also panels are facing 160 degrees, slightly east of south because of building location. This means maximum sunlight reaches panels an hour before it would if they were south facing.

Tom, VE1GK

The Halifax Amateur Radio Club General Meeting minutes for November, 2013 are not available for publication in this issue of the HARC Reflector

*Silent Key*



*Barry Hallett*  
**VE1MUS**

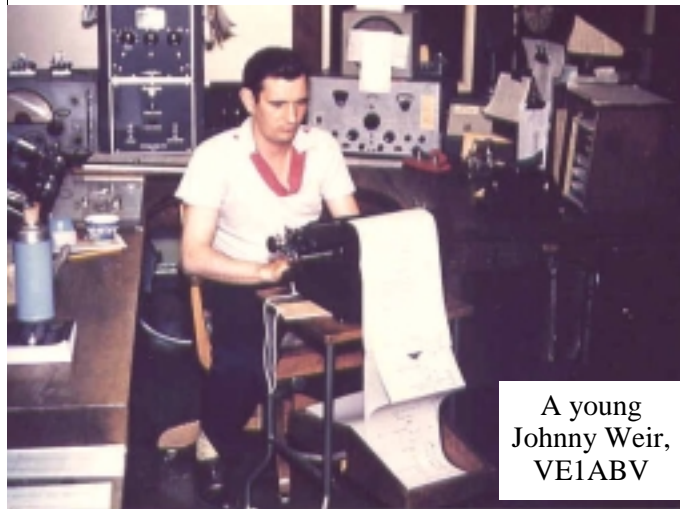
May 4, 1942 - December 27, 2013

Fascinating Error in Judgement!  
"Computers in the future may weigh no more than 1.5 tons."  
-- Popular Mechanics, forecasting the relentless march of science, 1949

From the December RAC Report **Announcement about 0-30 MHz Band Planning Committee**  
George Gorsline, VE3YV – *International Affairs Officer* (ve3yv@rac.ca)  
Al Penney, VO1NO, has agreed to chair RAC's 0-30 MHz Band Planning Committee. The previous chair, Jim Fisher, VE1JF, has retired but will continue to serve the BPC for a time as Past Chair and has pledged his active support to a successful transition.  
Jim had joined the BPC when it was the HF Band Planning Committee and became chair upon the retirement

*Silent Key*

Johnny Weir, VE1ABV, died in Taigh Na Mara Veterans Home, Glace Bay on Dec.8, 2013. He was 90. Spud, VE1BC, writes "Johnny Weir, VE1ABV, is in Dec.11's obits. It is hard to believe it has been ten years since his big 80th birthday bash. Below is a photo of Johnny operating Camperdown Radio VCS back in the 1950's. Camperdown was one of the main stations that made up Halifax Coast Guard Radio VCS at Ketch Harbour. Britt, VE1FQ, use to work Johnny, VE1ABV/W4, after Johnny retired." Johnny's obituary notes that he served in the Canadian air-force during WW2, teaching communications, radio & Morse code to the pilots who were to fight overseas. After he War he worked for both the Dept. of Transport and the Cdn. Coast Guard in ship-to-shore and air-to-shore radio in such places as Canso, Resolution Island (Nunavut) & Camperdown. In 1957 he relocated to Sable Island with his wife and 2 young daughters to take change of the radio station there – returning home to Coxheath in 1960. On July 28, 1998 Johnny had the honour of sending the last Morse Code message at the Coast Guard College in Point Edward, Cape Breton



A young Johnny Weir, VE1ABV

*Silent Key*

Dick O'Connell, VE1LR, an "avid amateur radio enthusiast from his teenage years til his late 80's" died Dec.18 at the age of 95



of Bob Nash, VE3KZ. Jim saw the committee through very active intra-Canada band planning and intense negotiations with Region 2 on revisions to 40m and general updates, and its expansion to 0-30 MHz, as well as the development of RAC's current proposals for 60m privileges. Other continuing committee members include Scott Wood, VE1QD, Mel Martin, VE2DC, Don Moman, VE6YJ and Frank Vanderzande, VE7AV.  
Al was first licensed in 1977. He has been active on all bands from 160m to microwave, and enjoys DXpedi-

tions for IOTA and VHF/UHF contests. He is a Past-President of the VE2CMR Club, Halifax Amateur Radio Club, Pikes Peak Radio Amateur Association in Colorado Springs, and the West Carleton Amateur Radio Club in Ottawa. He is currently President of the Greenwood Amateur Radio Club in Nova Scotia, having recently moved to the area after retiring from the Royal Canadian Navy following a 35-year career. Now that he has The RAC Report - December 2013 more free time, he intends to be much more active on the air again!

**From the Mail Bag**

Greetings all,

Just a note to let you know the Maritime Amateur website has passed another milestone. As of Nov.25 the site has passed the 60 thousand hit mark. Average per day is 29 visitors.

As some newer members might not be aware of, I was RAC Section Manager for the Maritimes from 2008 to 2012. I was wondering how to get the information from RAC to all amateurs throughout the Maritimes. Not knowing anything about websites I found a site to practice with. Within 3 days, I had a site up and running and put it online on March 1st, 2008. I also started collecting email addresses from all clubs in the Maritimes to spread the news. When I stepped down as SM in 2012, I continued with the site as I found the it was still very popular with the amateur community.

Today we have 160 members and many support the site by sending in information to share with their fellow amateurs. The latest addition to the site is a Twitter feed

@Maritimeamateur

which I use to let hams know of updates to the site as they happen.

Thanks to all who have supported the site over the years by sending in information to keep the site fresh. Without you the site would not be possible.

As the site says, Ham Radio for Maritimers by Maritimers.

73, Jim VE1JBL

Interesting ham DX song

<http://www.youtube.com/watch?v=5QsyWLO2ljY>

73 John, VE1CDD

*If at first you don't succeed,  
shouldn't you try doing it like your  
wife told you to do it?*

I hope you might help us to share the news about a new educational video about Amateur Radio. It is free to view and share and can be found here:

<http://youtu.be/bcfJUjcSEz8>

It has been created for anyone who wishes to encourage youth and adults to explore the world of Ham Radio and it also can be found on the home page of the project website at [www.RadioQRV.com](http://www.RadioQRV.com). Thank you for your consideration.

73, Mike

World Genesis Foundation  
[www.WorldGenesis.org](http://www.WorldGenesis.org)

You can listen to "A Ham's Night Before Christmas" at [www.arvideonews.com/hrn/](http://www.arvideonews.com/hrn/)

Building a 2 Meter Coffee Can Antenna:  
<http://www.youtube.com/watch?v=Vr7vSu1PBLw>

Hello all,

I mentioned in our EMO meeting on Wednesday a video that I recently viewed called Discovering Amateur Radio. The link was sent to me by Everett Price, VO1DK, our Atlantic Canada RAC Director. It comes in two versions: a condensed one (about 19 min.) and the full version (about 32 minutes) and is in my opinion a pretty good explanation as to what amateur radio is about and its important role in emergency communications. While produced in the USA, it didn't seem to me to be so obviously "American" as to make its use in Canada difficult.

Here is the link as I received it:

Regards, Scott, VE1QD

Hey Folks;

A great video on Discovering Amateur Radio.

<http://youtu.be/bcfJUjcSEz8>

Enjoy it and please share it with as many others as possible.

73 Ev - VO1DK

Ground Rod Puller...

*Forwarded by Ken, VY2RU*

If there's anything harder than getting ground rods into the ground, it's getting them out of the ground. Greg W8WWV invented this "K8AZ Ground Rod Puller" complete with YouTube video demonstration.

[http://www.youtube.com/watch?](http://www.youtube.com/watch?feature=player_detailpage&v=UyJ8PACkR3Y)

[feature=player\\_detailpage&v=UyJ8PACkR3Y](http://www.youtube.com/watch?feature=player_detailpage&v=UyJ8PACkR3Y)

This looks a lot easier than how I usually do it!

Thanks, Tom K8AZ

**Ken Pulfer, VE3PU and Earle Smith, VE6NM appointed to Hall of Fame**

*Ed Frazer, VE7EF – Chair, Board of Trustees Canadian Amateur Radio Hall of Fame*

The Board of Trustees of the Canadian Amateur Radio Hall of Fame is pleased to appoint Ken Pulfer, VE3PU (SK) of Ottawa, ON and Earle Smith, VE6NM (SK) of Grande Prairie, AB to the Hall of Fame for 2013.

The families of the two appointees will be receive this posthumous award in early 2014. A summary of their contributions to Amateur Radio will be published in The Canadian Amateur magazine.

Both appointees are Silent Keys.

The appointment is to recognize Amateurs for outstanding achievement and for sustained service to Amateur Radio in Canada, or Amateur Radio at large. The Board of Trustees consists of an Amateur Radio representative from each province of Canada, appointed by the Directors of Radio Amateurs of Canada.

From the December RAC Report

**And On New Year's Eve Day at VE1PAR ...**

Myself, VE1ZX, and Lorne, VE1BXX, went up to the Parrsboro Solar Repeater Site Dec.31. The Solar panels were snow and ice covered so we went to work scraping and cleaning all the ice and snow off. We were a couple of hours. We had to cut our way to the site with a power saw. The Honda snow machine worked great, tracks make the difference. Things were working great when we left the site. Wow what a day. Brad



Motoring through a winter wonderland



Not much sunlight getting to the solar panels through all that stuck-on snow.



Cleaning the first panel. (Would have been easier if the weather were milder.)



The building's padlock had to be thawed before it could be opened

A plastic shovel as a snow scraper

And the sun hasn't made a dent in the ice & snow on the antennas & guys at minus double-digit temperatures.



31/12/2013



31/12/2013 15:15

*"640K ought to be enough for anybody." -- Bill Gates, 1981*



HALIFAX AMATEUR RADIO CLUB  
2013 ROOKIE OF THE YEAR AWARD

As a result of the success of the 2013 Flea Market in generating additional funds coupled with the realization that HARC should do something concrete to recognize and encourage new hams within our membership, it was agreed to establish an annual award to recognize outstanding new graduates who are members of the Club. As a result the "Rookie of the Year" was established complete with criteria.

This year a committee consisting of Brian Allen, Erik Hein, and Murray Mac Donald, as Chair, was appointed to ascertain if any potential candidates met the criteria.

A variety of documents were reviewed including membership lists, monthly meeting sign in sheets, Field Day on air logs and Field Day attendance sign in sheets.

In addition, conversations were held with a number of HARC members who were responsible for various activities such as the Down East Flea Market and, combined with personal observations, it became clear that we were blessed with not one but two suitable candidates for the 2013 Rookie of the Year Award.

They are members of HARC, graduates of the 2012/2013 HARC basic course, have maintained an excellent attendance record at the monthly meetings of HARC, attended and assisted at the 2013 Down East Flea Market. They attended, assisted and participated in the 2013 ARRL Field Day as members of the GOTA Team.

As a result, we are pleased to announce that the 2013 Rookie of the Year award goes to Branden Fowler (VE1BMF) and to Graham Fowler (VE1GFA). Both youth exemplified the vision of what a Rookie of the Year award would recognize and certainly the persons chosen to receive it.



Branden Fowler, VE1BMF and Graham Fowler, VE1GFA, earned the HARC's first Rookie of the Year Award; presented to them at the HARC Christmas Party December 18, 2013

Radio Arcala - OH8X 100M High Tower Collapsed....

It is reported the the OH8X 100M high tower with 160M and 80 Yagi antennas collapsed as a result of high winds during tropical storm Oscar- which hit Finland hard-- thankfully no buildings or people injured.

The storm Oskari has brought the world-famous 100m tall 160m/80m Hauptantenne Radio Arcala (OH8X) after 5 years to collapse. Fortunately, nobody was hurt. The other six antenna towers have survived the storm unscathed, even buildings were not taken. In the reports published on Wednesday DX MB. You can find this issue

[underwww.darc.de/referate/dx/bulls/dxmb/](http://www.darc.de/referate/dx/bulls/dxmb/)

The storm brought gusts of up to 125 km/hr which not only demolished the 40-ton array, but also caused power outages of more than 200,000 households in Finland. Nevertheless, the operation to proceed in OH8X:

For a report by Martti Laine, OH2BH, in the upcoming issue of CQ DL. See Web Site:

<http://www.darc.de/aktuelles/details/article/oh8x-mast-eingestuerzt/>

Industry Canada posts RAC letter of response to Medical Devices operating in 70 cm band  
*Norm Rashleigh, VE3LC – RAC Representative the Radio Advisory Board of Canada (ve3lc@rac.ca)*

**Note:** Questions and/or comments to this bulletin to Vincent Charron, VA3GX/VE2HHH, RAC Director of Communications & Fundraising.

In the Sept./Oct. 2013 issue of TCA there was an article entitled: "Industry Canada Releases a Radio Standard Specification (RSS) for Medical Devices Operating in the Band 413-457 MHz". In the article, we mentioned RAC would be responding to IC with a letter of comment. This letter is now posted for public viewing on the Industry Canada website at:

<http://www.ic.gc.ca/eic/site/smtgst.nsf/eng/sf10715.html>

We encourage members to read it.

Source – The Dec. 2013 RAC Report

*Drive By: A guy broke into my apartment last week..*

*He didn't take my TV, just the remote. Now he drives by and changes the channels.*

*Sick S O B!!*



