



The Halifax Amateur Radio Club

# REFLECTOR

PO BOX 8895  
HALIFAX NS  
B3K 5M5

October 2013, Volume 74 Number 8

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



## Happy Halloween



HARC Club Station phone number - 490-6421

### Executive

President - Scott Wood, VE1QD	823-2761	ve1qd@rac.ca
First V.P. - Bill Elliott, VE1MR	865-8567	bowser.elliott@ns.sympatico.ca
2nd V.P. - Doug LeBlanc, VE1LDL	465-4665	leblanc@accesscable.net
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
Director-at-Large: - Ian Pierce VE1IGP	469-3474	igpierce@hotmail.com
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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Field Day coordinator - Brian Allen VE1AZV basailor@eastlink.ca

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NSARA Director - Barry Diggins, VE1TRI 861-3719 veltri@rac.ca

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 October, 2013 **General Meeting** of the Halifax Amateur Radio Club will be held Wednesday, October 16 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. The evening's presenter will be Chuck Kelly, W9MDO & Sales Manager for Nautel. His topic will be "Fun with SDRs in the Ham Shack".

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

Guests are welcome

The Minutes for the HARC General Meeting of June 19, 2013 are posted on the HARC website. Please read them as their approval will be voted on at the October meeting.

Club activity photo's this issue are thanks to Brian, VE1AZV; Bill, VE1MR; Dick, VE1AI; Tom, VE1GTC and Spud, VE1BC

### 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 at least 2 or 3 more.

Please let Bill Elliott, VE1MR, know.



Oct.	13	Win	VE1WIN
Oct.	20	Erik	VE1JEH
Oct.	27	Doug	VE1LDL
Nov.	3	Bruce	VE1MLW
Nov.	10	Emil	VE1ESP
Nov.	17	Peter	VE1PJW
Nov.	24	Win	VE1WIN

**Deadline for submissions to the November Reflector is Saturday, November 9, 2013**



Caddie Comment  
*Golfer: "That can't be my ball, it's too old."*

*Caddie: "It's been a long time since we teed off, sir."*



*Events for Your Calendar*

Sept. 26 Amateur Radio Basic Course began.

We still need a new co-ordinator.

Oct.3 – RAC Annual General Meeting hosted by the Hamilton ARC

Oct.19 – 25<sup>th</sup> Annual Greenwood Flea Market,  
Greenwood Community Centre  
Church Street, Greenwood

25<sup>th</sup> Annual Greenwood Flea Market

19 October 2013

Greenwood Community Centre  
Church Street, Greenwood

Directions: Exit 17, Hwy 101, to Kingston, and follow signs to Greenwood. Church Street is just outside the Main Gate of the 14 Wing Air Force Base.

Talk-in: VE1WN, 147.24+

Times: 8 AM for sellers, 10 AM for buyers.

Admission: \$4 per person.

Tables: Free

To reserve table(s), contact Guy, VE1NC, 902-825-6151, or [ve1arc@rac.ca](mailto:ve1arc@rac.ca), or the Friday night Maritime Net.

There will be the usual door prizes, and a raffle for a piece of equipment (TBA).



HARC has a stock of **Anderson Powerpole connectors** for sale at \$1.25 each (for a red and black connector for one complete end). To make a complete mating pair will require 2 connectors. If you have not already converted all your gear to Powerpole connectors you should consider doing so. Place orders with Tom Caithness, VE1GTC, by E-mail [tom.caithness@ns.sympatico.ca](mailto:tom.caithness@ns.sympatico.ca)

*There are worse things than getting a call for a wrong number at 4 AM. It could be a right number.*



Operating at 2013 Field Day at the HARC Station July 2013

The **Club station** is a good space for ham radio activities. **Please reserve your date & time** with Station Manager Jim, VE1JIM by phone 443-8657 or e-mail [ve1jim@ns.sympatico.ca](mailto:ve1jim@ns.sympatico.ca)

Executive for 2014

The Members of the 2013 Executive have all agreed to return and serve for 2014. Although all positions are currently filled, a call for additional Nominations from the floor will take place at the Annual General Meeting in November.

There are two Committee Chair that require filling for 2014, a Basic Course Co-ordinator and the Nominating Committee. If anyone is interested in filling either of these positions, please contact the Executive.

Complete rules for all ARRL-sponsored operating events are available on the ARRL Web site

<http://www.arrl.org/contests/announcements/>

For more information, contact  
ARRL Contest Branch Manager  
Dan Henderson, N1ND,  
[n1nd@arrl.org](mailto:n1nd@arrl.org).

The Maritime Amateur

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

Borrowing HARC Materials?

One of the many benefits of HARC membership is the privilege of borrowing club assets. These can be any of the Amateur Radio related monthly publications, technical library literature or club equipment. Contact Station Manager Jim Flowers, VE1JIM, for equipment loans.

For the information of those who borrow, a "LOAN RECORD" binder is available in the club Library

Before you borrow please read the instruction sheet at the front of the binder. Following that, entry of the requested information is made simple by filling in the anoted fields.

Take advantage of this valued feature of HARC membership!

One Item Swap Shop

We thought we might try something a little different on meeting nights. Look around your shack and see if there is an item you would like to turn into cash or trade for something different. Bring this one item to the meeting and see if anyone is interested in buying or trading something for it. Put an asking price and your name on or by the item. If you do not sell, trade or otherwise relieve yourself of the item then you must remove the item.



*If you really want to be better at golf, go back and take it up at a much earlier age.*

**PRESIDENT'S MESSAGE: October 2013**

**A Flying Fall Start.** Helen, VA1YL, provided us an interesting and thought provoking talk at the September 18<sup>th</sup> Club meeting about how she got into amateur radio and the interesting things it has led to. Then on the weekend, Dick, VE1AI, led a successful public demonstration of ham radio at Mic Mac Mall: Read his report elsewhere in the Reflector. A warm thanks to Dick for providing leadership for this event and to all the members who gave him their help. Without such leadership, inspiration and willing workers, events just can't happen. Our Basic Radio Certification Course started on September 26<sup>th</sup> with eight candidates. In the meantime, Ed, VE1EGG, and Fraser, VE1WO, have been making impressive progress in developing HARC's capability for remote operation of our Club station.

**Storage Project.** Our 40 foot storage container is now nicely sited on the HRM facilities at Cowie Hill, and the HRM is installing power and an electrical panel for our use. We have identified contractors to install the man-door, and lights, heat, electrical switches and outlets. We are still looking for someone to put in the necessary ventilation. The basic outfitting work will be done in the next few weeks, and we are making plans for installing shelving and racks designed to maximize the use of the space. We expect to move out of our storage space at Bloomfield School and consolidate our Club equipment at Cowie Hill well before being forced out in the late fall. Also the HRM has made major strides in repairing our repeater building at Cowie Hill.

**Ham Fest/Flea Market.** Thought continues to be given to promoting a Maritime Ham Fest as a cooperative effort of a number of Clubs. However, it proved impossible to get people together during the summer to discuss the project, and a busy schedule in September has slowed down action further. It has, therefore, become apparent to the Executive that even under the most favorable circumstances a Maritime Ham Fest would not happen until 2015. Given this reality, we needed to make arrangements for our Down East Flea Market in May 2014, since lead time for planning is necessary. We want to consider expanding our Flea Market to include a program of talks, interesting events such as a fox hunt, CW challenge, etc., and a banquet. In any case, **we need someone to take on leadership of this event.** Let a member of the Executive know, if you are interested. The exact dates are yet to be determined, but will be in May.

**Some operating notes.** In these early days of October, Gary, VE1RGB, is on Sable Island as part of the CY0P DXpedition and is expertly handing out contacts to even flea power stations. I worked him on 160 meters CW with 10 watts. I got an even bigger thrill, however, when on one recent evening I worked JA3BOA on 15 meters SSB using just 10 watts. The pleasure was only magnified when Hideo was able to still copy me at 200mw! This is, of course, a result of excellent propagation, a good beam located near the ocean and the technical miracle of the Elecraft KX-3. After 61 years in the hobby, the joy only continues to flow. I hope you too are experiencing this. I look forward to seeing you at our October meeting.

K. Scott Wood, VE1QD

**HARC Remote HF Project**

Bob Swinwood, VE1PQ, Ed Grace, VE1EGG and I have been experimenting and testing with hardware and software to activate a Remote HF station at the HARC Club using our FT 990 Radio.

We have installed two software programs, Teamviewer, to interface between the Club Computer and a Remote Computer, and Ham Radio Delux to allow the Club Computer to control the Radio.

After some trial and error

attempts we were able to get all of the interfacing working locally. The first successful attempt at Remote operation was completed when the Club put on an Amateur Radio Demonstration at Mic Mac Mall recently. Several 20 Meter contacts were made. Since this, Jim, VE1JIM, has had several 40 Meter contacts from his home.

The next step is to determine how we can power up the Station Equipment remotely. We have identified a Web Power

Switch which we think will do the required switching. Two of the Club Members who have experience in this field are looking into this for us.

A Draft Operating Procedure has been produced. We are in the process of reviewing this and editing / amending as required.

We will keep the Membership informed of the progress. Hopefully we will be able to provide this service in the near future.

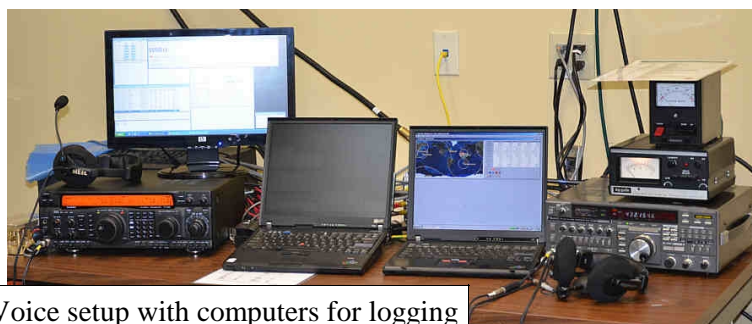
Fraser Mac Dougall, VE1WO



The H.A.R.C worked **Field Day 2013** from the Club location at St. Andrews Community Centre



Bill, VE1MR, using an electric drill to crank up the tower on the HARC trailer



Voice setup with computers for logging

Antennas on the trailer augmented our fixed-tower and roof-mounted antennas



Generator – Emergency power for added points



Craig, VE1JMA operating voice

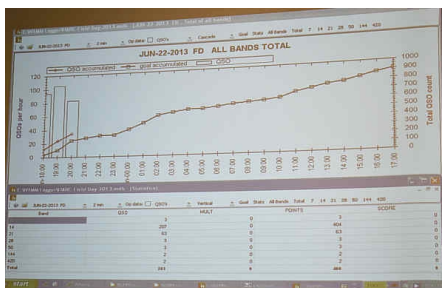
*Time flies like an arrow.  
Fruit flies like a banana.*



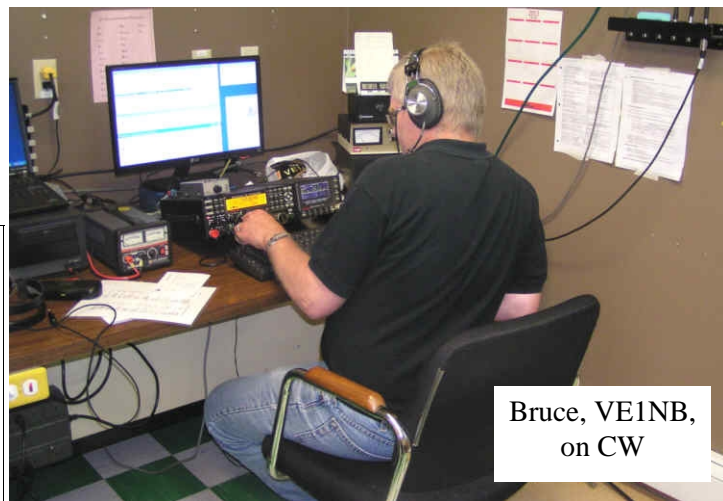
The ARRL should have finalized and is expected to release the official standings sometime in November



Fraser, VE1WO, operates while Brian, VE1AZV, this years Field Day coordinator, looks on



Don Trotter, VE1DTR, had set up real time contact tracking which was displayed on a screen so that all could see our numbers as we worked



Bruce, VE1NB, on CW





Smiles and concentration at the GOTA (Get-On-The-Air) Station; and so nice to see 2 generations of hams (or young "pre-hams") sharing our hobby

*The sole purpose of a child's middle name is so he can tell when he's really in trouble.*



Field Day visitors: District 7 councilor Wayne Mason and EMO coordinator Barry Manuel, VE1JRG with Murray, VE1MMD.



Fraser, VE1WO; Jeremy, VE1JHF & Brandon, VE1BMF, watch while Howard, VE1DHD, operates



Time-out to Refuel

*Wouldn't it be nice if, whenever we messed up our life, we could simply press 'Ctrl Alt Delete' and start all over?*

Halifax Amateur Radio Club  
General Meeting minutes  
18 September 2013

Meeting called to order at 1930

Reporting of silent keys:

Bernie Fetter, VE9XNL; Paul Folini, VE1SS; Henry Pitre, VE9HP; Andrew DeLong, David Gilmour, VE1DSG; Fred Allen, VE1PBX; Gordon Beaman, VE1EO, John Walker, VE1JKW; George Coady, VE1HH. A total of approximately 30 hams have passed on this year.

Agenda approved

Minutes unavailable

Tom West, VE1KC, has retired from amateur radio and has donated his antenna and tower to the club. We have also picked up some equipment from Geoff Lawrences estate.

President Scott, VE1QD, advised that Terry Bigelow, VE1TRI, has written a report on the state of the HARC communications trailer after repairs have been completed.

There is a question about getting certified for fall arrest training that Terry is checking in to.

Thanks to Jorge Goseman for his donation of the 900 MHz antennas, and there is a discussion about linking the EOC to the club via 900 MHz.

Scott mentioned the idea of a one item swap shop at the general meetings.

Scott reported on the CSS Acadia event that unfortunately didn't happen because there was no one to spearhead the event, and there was no help from the MMA, but that we need to still develop our relationship with the MMA; and Scott would like to put a committee together to liase with them.

Scott advised that the Brit Fader scholarship had been awarded.

Scott advised that a group from Nautel are interested in a local amateur radio course at their facility; Scott and a couple of others are looking into providing that.

He gave a brief report on the RAC Club challenge.

Scott reported on the new 600 metre band, and the 60 metre band.

Treasurers report: Jim, VE1JG presented the current treasurers report as well as reports from the summer. Jim moved approval of these Treasurers reports; seconded by Win. Motion carried.

Jim asked for anyone with receipts that needed to be reimbursed to get them to him soonest.

Nomination committee:

Fraser reported that all of the 2013 Executive have agreed to stay on for 2014 but he will call for nominations at the AGM as is customary.

We need someone to take over the Basic Course and someone to take over the nominating committee chairman position.

Membership: No report was available in the absence of Howard, VE1DHD.

SAR/EMO: No report was available in the absence of Dave George, VE1AJP

Archive project: Fraser asked for submissions of pictures of the club and its members from the past, and reported on the progress of the project.

Scott welcomed back Al Penney to the club.

Craig, VE1JMA gave a brief update on some improvements to his station and he has acquired a new call, VA1CM.

There was a story imparted to the group about underground shelters in Germany.

Erik Hein, VE1JEH, gave a very brief report on the upcoming course.

**Old business:**

Long term storage: Scott reported that the container has been located at Cowie Hill, and there is some work underway to get a door installed and get the thing wired for

power.

There are some discussions with the city about building a shelter for the trailer alongside the container.

Maritime Hamfest: Things are taking longer than planned to get people together to arrange for a combined Hamfest.

We need to plan for a flea market in 2014, as it seems it will be at least 2015 before this idea could come to fruition. There was some discussion on the matter.

There was a report about cleaning up the administration system for the Brit Fader fund.

Fraser reported on the remote operation setup for the club station and its current progress.

Dick, VE1AI, gave a brief overview of the upcoming demonstration at Mic Mac Mall by the Winners entrance this Saturday.

**New business:**

Notice of motion to replace the current antenna analyzer with a Rig Expert A520.

Fraser put forth the motion. Seconded by Jim (VE1JIM).

Passed.

Fraser will go ahead and order the unit.

Scott brought up the issue of Kosovo gaining access to the DXCC list, and Dick (AI) put forth a motion for the club to support the movement to have the DXCC alter their criteria for admission.

Seconded by Fred, VE1FA.

Motion carried.

No further new business.

Door prize: Scott Wood  
50/50: ??

Meeting adjourned at 2135

Respectfully submitted  
Jeremy Fowler, VE1JHF  
HARC Club Secretary

The Minutes for the HARC General Meeting of June 19, 2013 are posted on the HARC website

[www.halifax-arc.org](http://www.halifax-arc.org)



### MIC MAC MALL Demonstration

On Saturday, Sept 21, several members of HARC lead by Dick, VE1AI, established a public demonstration of Amateur Radio in MIC MAC MALL Dartmouth.

We had a very attractive display, including the club's trailer, backdrop, banners, and an attractive banner from EMO. A working HF station with the HARC ICOM 746 PRO, A remote control demonstration, by controlling the station back at VE1FQ via the internet courtesy of Ed, VE1EGG and Fraser VE1WO. A Pack-link/Winmore set up, courtesy of Dave, VE1EDA, was also on display. A complete 2 meter station was provided thanks to Dave, VE1NN.

As you can see, there was a lot of involvement by many club members who devoted their time and energy and their Saturday for the purpose of promoting our great hobby to the general public. Other participants were Doug, VE1LDL; Tom, VE1GTC; Craig, VE1JMA; Jeremy, VE1JHF; Brandon, VE1BMF; Graham, VE1GFA; Tom, VE1BMJ; Terry, VE1TRB; and Eric VE1EJM, who works Security for MIC MAC Mall, was the idea generator of this project.

Stations were contacted from California to Poland. The set up worked extremely well.

Among the visitors were VE2ISP who is relocating to our area, and VE1BMT and we were delighted to see HRM EMO Coordinator Barry, VE1JRG, drop by.

It was a great social event, and it was a lot of fun for those who attended.

I would personally like to extend my thanks to all those who participated, and in particular to those who CAME FORWARD and volunteered so readily. I have never seen such willingness and club spirit demonstrated in such an admirable fashion. It was truly extremely refreshing to have so much help without having to actively pursue "volunteers". This speaks very well of the continuing great club spirit at HARC.

Finally, I would like to thank the staff at MIC MAC MALL who extended us every possible courtesy. Thanks also to Bell Aliant for their assistance. I also want to make special mention of the MALL Security personnel who were extremely helpful and full of positive suggestions and thus made this demonstration event easy, comfortable & practical. We could not have done it without their high level of support. Thanks one and all.

Dick VE1AI



Our very polished-looking display



**Setting up for our amateur radio demonstration at MicMac Mall** "... if all else fails, read the instruction manual" —especially when you know the items worked fine in their home environments. (*Dick, I just can't resist teasing you about this. —ed.*)

When Dick, VE1AI connected his paddles to the Club's ICOM-746 PRO radio they would not send. Connected his straight key; worked properly. sent ok. He then started to adjust this and that on the radio. Doug, VE1LDL went over to the shipping box, retrieved the operating manual for the radio, opened it to the section on setting up code keys and passed it to Dick. After a moment or two of reading and adjusting to match the idiosyncrasies of radio to paddles Dick was smoothly sending CW with his paddles. -Tom

*Why does Superman stop bullets with his chest, but ducks when you throw a revolver at him?*

## From the Mail Bag



Jonathan Trappe Balloon Flight Update.... *Passed on by Ken, VY2RU*

Jonathan took to the air at around 1200 UT on Thursday, September 12, 2013 from Caribou in Maine, but his flight came to a premature end when he had to land in Newfoundland reportedly near Blow Me Down Provincial Park. See:

<http://share.findmespot.com/shared/faces/viewspots.jsp?glId=0s4Q04gaaoV9KnJ0UMb7h5b90telngQjv>

14 MHz beacon on radio ham's trans-Atlantic balloon flight:

[http://www.southgatearc.org/news/september2013/14\\_mhz\\_beacon\\_on\\_radio\\_hams\\_trans\\_atlantic\\_balloon\\_flight.htm](http://www.southgatearc.org/news/september2013/14_mhz_beacon_on_radio_hams_trans_atlantic_balloon_flight.htm)

I found this site to be most informative on repeater listings. I thought you might like to explore it also.

[http://www.repeaterbook.com/repeaters/index.php?state\\_id=CA07#sthash.Pja5ejpV.KYxp19zQ.dpbs](http://www.repeaterbook.com/repeaters/index.php?state_id=CA07#sthash.Pja5ejpV.KYxp19zQ.dpbs)  
Hal VE1LV

At its annual meeting on Aug. 24, New England Spectrum Management, the amateur radio repeater coordinator for Massachusetts, New Hampshire, Rhode Island, and Maine, announced a proposal to modify the 2m band plan to include new repeater channels with outputs from 146.41 to 146.49 and inputs 147.41 to 147.49. Also included was a test pair at 147.505 with a 146.505 input. In the near future, there will be a vote by the NESMC membership on this band plan. There is no doubt that some existing simplex users may be affected by this change.

In order to gauge the impact of this change, NESMC has attempted to find as many simplex users as it can.



Left to right: Captain Cyril Henneberry, Captain of the F/V PRIMROSE that towed the raft L'EGARE DEUX out of Halifax Harbour on May 24th, 1956. Spud Roscoe, VE1BC and Henri Beaudout who was Captain of the raft. Go into my history and bring the word DEUX up in find and read all about it. Once I have the HARC record for field day in the December QST and as soon as I can get G4PYR to update my site, I will have this story modified.

73 Spud

All,

Want to find a repeater in a particular location? Then this is the site you can search for it.

<http://www.repeaterbook.com/>  
Hal VE1LV

We are also seeking additional input from the amateur community. If this interests you, you may find additional information about the change at <http://www.nesmc.org/2013-2m.pdf>. You may be interested in joining a discussion group set up for this purpose <http://groups.yahoo.com/group/nesmc>.

\* Please feel free to redistribute this notice to other group or individuals - we are trying to reach as many people as possible.

\* In our attempts to reach as many people as possible, we are posting this to several mailing lists. Please accept my apologies if you receive this more than once.

73, Bob DeMattia, K1IW  
NESMC 2m Coordinator

A Ham Radio AX.25 Open Source Soundcard Modem

*Passed on by Ken, VY2RU*

Alejandro Santos LU4EXT is developing extmodem an open source APRS compatible AX.25 amateur radio packet modem.

It is currently capable of both sending and receive packets.

The main feature of the software is that it is currently running three different demodulators in parallel, increasing the quality of reception.

The first modem is Thomas Sailer HB9JNX / AE4WA's multimon, the other two are described by Sivan Toledo 4X6IZ in an article in the July/August 2012 issue of QEX.

Download extmodem for Windows from

<http://extradio.sourceforge.net/extmodem.html>

QEX article - A High-Performance Sound-Card AX.25 Modem

<http://www.tau.ac.il/~stoledo/Bib/Pubs/QEX-JulAug-2012.pdf>



**HARC Rookie of the Year Award**

(Reprinted from the September Reflector)

We are very pleased to announce the institution of a **HARC Rookie of the Year Award**. The idea was proposed to the Executive by Murray MacDonald, VE1BB, and approved at our July meeting.

**Purpose:** To encourage newly licensed operators to participate in the amateur radio hobby on a regular basis. Candidates will be assessed using a set of criteria shown below, and one member will be recognized as the HARC Rookie of the Year.

The Award is to be made annually, if a suitable candidate has been identified, at the HARC Christmas Event.

**Open to candidates who are:**

- 1) A member of the Halifax Amateur Radio Club, and
- 2) A new hams in their first year of operating since being licensed.

The Award will be in the form of a plaque.

A **panel** of three (3) HARC members, elected by the membership, will assess the candidates and recommend the name of the successful member to the Executive. The panel will use the following **criteria**:

- 1) Attendance at Club meetings
- 2) Attendance at and participation at Field Day
- 3) Attendance and participation at a Club sponsored Flea Market
- 4) Attendance and participation at other Club activities, e.g. Museum Ships Weekend, Ham Breakfast, etc.
- 5) Submission of a station log showing regular on air activity.
- 6) Other ham/community activities.

Nominations can be forward to any member of Executive or the Panel, when established.

K. Scott Wood, HARC Executive

RAC's webste is at [www.rac.ca](http://www.rac.ca)

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 e-mail [dhickson@eastlink.ca](mailto:dhickson@eastlink.ca)

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

The **Incoming QSL Bureau** may have cards for you. If you want them, you must have a little money deposited with the Bureau to cover the cost of envelopes, labels, postage & handling; and of course your correct mailing address. Send to

the Brit Fader Memorial  
QSL Bureau  
P.O. Box 8895  
Halifax, N.S. B3K 5M5

Check out the news on the Maritime Amateur Web site at  
<http://www.freewebs.com/ve1jbl/maritimenews.htm>

*The English language has some wonderfully anthropomorphic collective nouns for the various groups of animals.*

*We are all familiar with:*

*a Herd of cows,  
a Flock of chickens,  
a School of fish  
a Pride of lions,  
and a Gaggle of geese.*

*Less widely known is:*

*a Murder of crows (or ravens)  
an Exaltation of doves  
And a Congress of owls  
(presumably because they look so wise).*

*Now consider a group of Baboons. They are the loudest, most dangerous, most obnoxious, most viciously aggressive and least intelligent of all primates. And what is the proper collective noun for a group of baboons? Believe it or not, a Parliament*

**GPS Jammer Fined \$32,000**

A New Jersey man who didn't want his boss following his every move has lost his job and had the book thrown at him by the FCC because the inexpensive (\$68 and up) GPS jammer he carried in his truck shut down an experimental, high-tech, multimillion-dollar navigation system at Newark Liberty Airport. Gary Bojczak was fined \$31,875 by the FCC after admitting that he carried the device, which is readily available for sale on the Internet, so he could disable the GPS transmitter on the pickup truck he drove for engineering company Tilcon. He apparently didn't want his bosses to know his whereabouts when he was near the airport. His jammer brought down a Ground Based Augmentation System (GBAS) being tested by Honeywell.

GBAS is designed to provide guidance for instrument approaches and departures with an accuracy of one meter. It can, when it's not being jammed by what looks like a deck of cards with one or more antennae sticking out of it, provide precision necessary for Cat III approaches. When the system experienced "interference" the FCC went looking for the culprit using "direction finding techniques" and confronted Bojczak, who readily admitted using the jammer. While it's normal, according to electronics industry attorney Chip Yorkgitis, for those whose electronic experiments interfere with others using the same area of frequency to get off with a warning, the FCC skipped the warning and fined Bojczak heavily. Yorkgitis said that if the heavy fine isn't enough to deter others from using the apparently common devices, criminal charges are the next option.

**Website The HARC  
Policy & Procedure**

Howard Dickson, VE1DHD is the person to whom all website-related materials are to be sent, Howard will do his best to keep the site current. Send material to Howard at [dhedickson@eastlink.ca](mailto:dhedickson@eastlink.ca)

Please, help us to keep our website a current and valuable asset to our members as well as the rest of the world.

Check out recent HARC activity photos on our web site.

*Dear World of Warcraft,*

*Thank you for ensuring my son's virginity.*

*Sincerely, Parents Everywhere*

**Safety**

"Warning" If you, your kids or grand kids take pictures from your phone---WATCH THIS! This is truly alarming - at the end they'll tell you how to set your phone so you don't run this risk! PLEASE TAKE THE TIME TO WATCH THIS VIDEO, AND TAKE THE RECOMMENDED PRECAUTIONS, especially, if you have children or grandchildren.

<http://www.youtube.com/embed/N2vARzvWxwY?rel=0>

The Maritime Net is on 3.750  
at 7 PM daily.

**Stella Awards – Outlandish  
Lawsuits & settlements**

*Terrence Dickson, of Bristol, Pennsylvania, was leaving a house he had just burglarized by way of the garage. Unfortunately for Dickson, the automatic garage door opener malfunctioned and he could not get the garage door to open. Worse, he couldn't re-enter the house because the door connecting the garage to the house locked when Dickson pulled it shut.*

*Forced to sit for eight, count 'em, EIGHT days and survive on a case of Pepsi and a large bag of dry dog food, he sued the homeowner's insurance company claiming undue mental Anguish. Amazingly, the jury said the insurance company must pay Dickson \$500,000 for his anguish. ...*



The membership year is from January 1 to December 31.

All members receive the newsletter.

**HALIFAX AMATEUR RADIO CLUB MEMBERSHIP - For 2014**

- ☐ Same address as last year    ☐ New address  
☐ I would like newsletter as PDF E-Mail (Please note by taking newsletter online you save the Club significant mailing and printing costs )

E Mail Address    ( Please provide for our files and NSARA membership )

Call Sign \_\_\_\_\_

First Name                      Initial                      Surname

Street Address    (Mailing)

City/Town                      Province                      Postal Code                      Telephone Number

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

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

\* All Full Members will also be Members of NSARA

✉ Mail to: Membership Chair                      CERT \_\_\_\_\_                      CARD \_\_\_\_\_  
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