



The Halifax Amateur Radio Club

REFLECTOR

PO BOX 8895
HALIFAX NS
B3K 5M5

January 2015, Volume 76 Number 1
club web site is www.halifax-arc.org

**Welcome to 2015 and a new telephone protocol.
Remember to put 902 in front of all N.S. numbers**



HARC Club Station phone number - 902-490-6421

Executive

President - Brian Allen, VA1CC	489-4656	basailor@eastlink.ca
First V.P. - Chuck Kelly, VE1MDO	402-5502	chuck.kelly@nautel.com
2nd V.P. Paul Legault, VA1PAL	818-9073	pajolegault@g mail.com
Secretary - Jeremy Fowler, VE1JHF	240-4302	VE1JHF@Gmail.com
Treasurer - Jim Guilford, VE1JG	466-2124	jimguilford@gmail.com
Director-at-Large: - Ian Pierce VE1IGP	469-3474	igpearce@hotmail.com
Member at Large (Educational Director): Scott Verge, VE1SRV	412-3448	scott@ve1srv.net

Station Manager: Alex Tikhomirov, VE1RUS	444-1271	a.texer@gmail.com
Past President - Scott Wood, VE1QD	823-2761	ve1qd@rac.ca

Committees/Offices/Prime Contacts

Government & Media Relations – VACANT
QSL Bureau Mgr - Tom Caithness, VE1GTC 477-7081 tom.caithness@ns.sympatico.ca
EMO Coordinator - Dave George, VE1AJP 466-8723 dgeorge@dal.ca
EMO Trailer coordinator – David Musgrave, VE1EDA 435-4333 ve1eda@rac.ca
Reflector editor - Lynn Bowser, VE1ENT 865-8567 bowser.elliott@ns.sympatico.ca
Reflector Dist. - Carol Wood, VE1HAZ carolwood@accesswave.ca
Membership - Howard Dickson, VE1DHD dhedickson@eastlink.ca
Web page content contact – Howard Dickson, VE1DHD dhedickson@eastlink.ca
Basic ham course - Scott Verge, VE1SRV 412-3448 scott@ve1srv.net
2015 Flea market Chair – VACANT
Youth Coordinator - VACANT
Field Day coordinator – VACANT
Safety Officer - Terry Bigelow, VE1TRB veltrb@eastlink.ca
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

Take-15 Net Controllers

This will be the rotation. We would like at least 2 or 3 more. **If you want to join**, let Bill Elliott, VE1MR, know.

Jan.	18	Bruce	VE1MLW
Jan	25	Emil	VE1ESP
Feb.	1	Win	VE1WIN
Feb.	8	Doug	VE1LDL
Feb.	15	Bruce	VE1MLW
Feb.	22	Win	VE1WIN



Congratulations to the new Dartmouth Amateur Radio Club executive recently elected.

President – Bob Brown, VE1BFX
Vice President – Joe Patil, VE1BSA
Treasurer – John Brady, VE1WZ
Secretary – Mark Hemphill, VE1BEL

*I wondered why the baseball kept
getting bigger. Then it hit me.*

The January 2015 General Meeting of the Halifax Amateur Radio Club will be held Wednesday, January 21, in the Senior's Room on the 1st floor of the St. Andrew's Centre, 3380 Barnstead Lane, Halifax.

6:30 – 7:30pm - Social Hour
with refreshments

7:30 – 8:30pm - Presentation:
Using Social Media to Enhance
and Advance Amateur Radio
Presenter: Laura Muise,
VE1ZMB

8:30–9:30pm Regular Monthly
Business Meeting

Guests are welcome

Definition: PARASITES:
*What you see from the top of the
Eiffel Tower*

**Please see the Notice of Special
Resolutions for the January
Meeting on page 4.**

**Deadline for submissions to
the February Reflector is
Saturday, Feb. 7, 2015**

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 HARC Ham Breakfast is on the 7th of Feb 2015 at 0900 at Toms on-Sackville Dr. in Lower Sackville. Please contact Jim, VE1JIM, to let him know you (and any guest you are bringing) plan to attend so he can let the restaurant know how many to expect in our party.

Jim's email ve1jim@ns.sympatico.ca would be best, but the club phone 902-490-6421 will take a message and he checks it everyday during the week.

The NSARA Contest will take place each year on the second Sunday in March. For 2015 the date will be March 8, 2015.

Mid-February - Guides On The Air (GOTA) - To introduce Girl Guides, Brownies &/or Sparks to amateur radio think about getting on the air to give them contacts.

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

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

or contact Helen Archibald at va1yl@rac.ca

On Sunday evenings at 8:30, after you check in to the Take-15 Net, look for the new 2M, SSB NET at 8:30 PM Sundays on 144.230, SSB (horizontal)

Net control, BOB, VE1CZ, is from Tatamagouche so beam NORTH from metro; also others: Pictou, Colchester, Cumberland & Westmorland Counties.

Silent Key

Jim Dean VE3IQ became a Silent Key on January 3rd 2015, after a long battle with cancer.

If you wish to send a card to Sandra, her address is.

1134 Plante Drive.
Ottawa Ont. K1V 9E8

Field Day 2014 results from the ARRL web page.

Out of 2686 entries – Overall Canada

#90 #1 - Mississauga ARC VE3MIS in the 10 A class - 7818

#102 #2 - Peel ARC, VE3XR in the 4A class - 7306

#108 #3 - Halifax ARC, VE1FO in the 2 A class - 7218

#111 #4 - Durham QRP club, VE3QDR in the 6AB class - 7055

Out of 392 entries 2A class – Overall Canada

#24 #1 - Halifax ARC, VE1FO - 7218

#155 #2 - Surry ARC, VE7SAR - 6256

#164 #3 - Oakville ARC, VE3HB - 6108

Consider that if the #1 and #2 Stations in Canada were in the 2A class we would have had a higher score.

73 - Bill, VE1MR

HARC Educational Events Winter/Spring 2015

January 10 BARC Help

January 17 Baofeng Class – learn all about these dual band gems!

January 24 BARC Help

January 31 Baofeng Class – learn all about these dual band gems!

February 21 J-Pole Antenna – come build a J-pole antenna with Scott. Learn some of the theory behind the J-pole and practical tips while making one. (If interested in attending, please email scott@ve1srv.net by February 14th)

March 14 Green Your Station – learn how to operate your station without the use of regular land power. (If interested in attending, please email scott@ve1srv.net by March 7th)

March 28 Green Your Station – learn how to operate your station without the use of regular land power. (If interested in attending, please email scott@ve1srv.net by March 21st)

April 11 Prepper & Ham – an invitation to the Prepper community to learn how to properly integrate Ham Radio into their preparedness.

April 25 Prepper & Ham – an invitation to the Prepper community to learn how to properly integrate Ham Radio into their preparedness.

May 09 Learn to Solder – learn how to solder various connectors commonly used by Ham operators. (If interested in attending, please email scott@ve1srv.net by May 2nd)

May 23 TBA

Everyone is welcome at all classes. Please email me if you are interested, All classes start at 10:00 AM.

If any member is interested in taking part in an ADVANCED RADIO COURSE, please email scott@ve1srv.net to let me know. If there is enough interest, I will put an ADVANCED course on. I AM ALSO LOOKING FOR ANY ADDITIONAL COURSE IDEAS MEMBERS MAY DESIRE.

Scott Verge, VE1SJV

Where do forest rangers go to "get away from it all?"

PRESIDENT'S MESSAGE: January 2015

I would like to wish everyone a Happy, Healthy, Prosperous and Successful New Year with lots of good dx. I would also like to thank Scott (VE1QD) and his executive for passing over the reigns to a very well run club which accomplished a lot of good work with the membership team. Our membership team is very deep in talent and I know will make my job that much easier.

I missed the Christmas dinner but I understand we had a great turn out and everyone really enjoyed the fellowship and good cheer. I'm told that there were about 48 people present and the door prize went to Bev Bartlett. Scott Verge received the Rookie of the Year Award as presented by Tom Caithness on behalf of the HARC. for 2014.

We have many excellent events to participate in this year including the MS BIKE-ATHON: MUSEUM SHIPS WEEKEND: FLEA MARKET: MS WALK and POSSIBLY ONE NET NEW EVENT (ON-GOING). With club commitment and participation we have the opportunity to set up and run a permanent operation from the Museum of the Atlantic. More to follow on this operation as I have a meeting to attend which will outline our role in up-coming events.

The focus of the executive this year will be on club promotion, membership and student enrolment. This will be accomplished through social media, local paper, radio and local event participation as outlined in the paper created by Craig's committee. We will solicit all organizations associated with communications ranging from schools, armed forces, police, boys and girls clubs and emergency personnel.

Once again Field Day was a major success and our club finished number one in Canada in our class. Quite an achievement for all who participated in very hot conditions. Lets keep the record going in June of 2015.

Congratulations and thanks to Bill (VE1MR) for his dedication for making this club the very best in Canada. This is shaping up to be a very exciting year for the club and we will be front page news in our local community papers...

To paraphrase Star Trek's Captain Jean Luc Picard, "Let's make it happen"

Thank you, Brian Allen- VA1CC

**The HARC's 2014 Basic Amateur Radio Course
Results as of Jan., 2015**

The following people wrote and passed their exam on the 20th of Dec 2014

Pauline Verge - honors

Morgan Gentle - honors

John Paleta - ADVANCED - honors

Will Blades - basic

Coral Wickstrom - honors

Examiner – Jim, VE1JIM

Paul Legault - Basic with honours and Advanced.

Heather Crouse - Basic.

Ciaran Crouse - Basic.

Examiner – Bill, VE1MR

**Fascinating Error in Judgement**

"If I had thought about it, I wouldn't have done the experiment. The literature was full of examples that said you can't do this"

- - Spencer Silver on the work that led to the unique adhesives for 3-M "Post-It" Notepads.

2 students who took the 2014 Basic Amateur Radio Course, Heather Crouse (no call allocated yet) and Paul Legault, VA1PAL, had perfect Class attendance for the course. Their reward? Each received a 2 meter mobile radio with 12V power supply and antennas!!

Notice of a Special Resolution for the January General Meeting

Background: Initial notice of the Special Resolution outlined below was given in the November 2014 Reflector with the intent that a confirming vote could take place at the AGM on 19 November 2014. However, due to an overlooked requirement of the Nova Scotia Society's Act, this did not provide the 30 days' notice that is required. We thank David George, VE1AJP, for pointing this out. In order to correct this oversight, we postponed the vote until our 21 January 2015 general meeting. In order to insure our compliance with regulations, this notice is being sent electronically to members, posted on our website and placed in the January Reflector.

Proposed Action: The Executive wishes approval from the membership to create a special Executive position for Bill Elliott, VE1MR. The position is intended to recognize his extraordinary, long term involvement in the leadership of HARC, but allow him to retire from the direct, active leadership while still making his good counsel and experience available to Executive Committees for the foreseeable future. To this end a Special Resolution is required that gains at least 75% of the votes cast at a duly constituted meeting.

Resolution: Thus, it is resolved that Bill Elliott, VE1MR, be appointed to the Executive Committee as a Director Emeritus, to provide counsel and advice to the Executive and to serve until he is no longer able or resigns.

For the HARC Executive Committee
K. Scott Wood
Past President

*Definition: Caterpallor (n.)
The colour you turn after
finding half a worm in the
fruit you're eating.*



Cyber Safety

Scary Flashlight Apps...if true.... Forwarded by Ken, VY2RU

Another example of. "there's no such thing as a free lunch" (and I don't have a smart phone ...)

On the surface this fellow seems to have legitimate credentials and if so then this is a scary story for many of those with a flashlight app on their cell phone. (the ones with all the toys)

SMARTPHONE FLASHLIGHT WARNING

We all own a smartphone. Most of us have a flashlight app on the phone. You must view this video. Hard to believe, but true !!!

<http://www.foxnews.com/on-air/special-report-bret-baier/blog/2014/10/01/cybersecurity-threat-could-be-lurking-your-phone>

<http://ivn.us/2014/10/01/phones-flashlight-app-stealing-data/>

In an interview with independent investigative journalist Ben Swann, Gary Miliefsky, CEO of SnoopWall LLC, the world's first "counterveillance" company, said his group discovered that the top 10 Android flashlight apps are doing more than just helping you see in the dark.

"They are stealing your contacts, they're connecting through backdoor or covert channels to other countries, and this is really crimeware, it's malware, it's cyber spyware."

These apps have up to half-a-billion installs worldwide – that is a lot of data to steal. However, anyone who downloads one of these apps is likely oblivious to the fact that even though the app is free, it takes more from the user than the user gets from the app. According to SnoopWall, Super-Bright LED Flashlight, the number one downloaded flashlight app worldwide, can do all of the following:

retrieve running apps	receive data from Internet
modify or delete the contents of your USB storage	control flashlight
test access to protected storage	change system display settings
take pictures and videos	modify system settings
view Wi-Fi connections	prevent device from sleeping
read phone status and identity	view network connections
	full network access

According to an article by Isaac Arnsdorf Bloomberg printed in the Montreal Gazette, Rolls-Royce Holdings is designing unmanned cargo ships. The European Union is funding a \$4.8-million study called the Maritime Unmanned Navigation through Intelligence in Networks project (MUNIN). After simulated sea trials of the virtual reality prototype which Rolls-Royce's Blue Ocean team has set up at its office in Alesund, Norway, to assess the costs & benefits. It's expected that, without crews and their accommodations, a cargo ship would be 5% lighter before loading cargo and burn 12% to 15% less fuel. Factor in the crew costs of \$3,400 / day and savings would be significant but would they justify the investments needed to make unmanned ships safe?



Puzzler - Do you know?

What is the Higgs boson particle and why does it matter anyway?

Answer on page 5

Fascinating Error in Judgement

"I'm just glad it'll be Clark Gable who's falling on his face and not Gary Cooper"
-- Gary Cooper on his decision not to take the leading role in "Gone With The Wind."



President (now past-president) Scott, VE1QD, and Membership Chair Howard, VE1DHD, presented Bill, VE1MR, his Life Membership certificate at the November HARC General meeting

Lynn, VE1ENT and Bill, VE1MR, posing with their Life Membership certificates



Fascinating Error in Judgement

"Airplanes are interesting toys but of no military value"
-- Marechal Ferdinand Foch, Professor of Strategy, Ecole Supérieure de Guerre, France.



Want to check road conditions before driving?
New Brunswick Highway Cams:
<http://www.gnb.ca/0113/cameras/allcams-e.asp>

Nova Scotia Highway Cams:
<http://gov.ns.ca/tran/cameras/camera.asp>

PEI Highway Cams: <http://www.gov.pe.ca/tpwpei/index.php3?number=1016836&lang=E>

The live web cam showing Halifax's Armdale Rotary is
<http://www.novascotiawebcams.com/halifax/armdale-rotary.html#axzz1AmMziRUo>

Go to URL <http://www.qsl.net/n9bor/morse.htm>

That link will take one to absolutely everything -- EVERYTHING! a person would ever want to know about CW, including formats for typical messages, etc. Gary, VE1RGB

Share radio or radio-related pictures, articles, questions, comments, etc. with fellow hams via the HARC Reflector. (How about a picture of your ham shack or antennas.) Please send your info to editor Lynn Bowser at bowser.elliott@ns.sympatico.ca



REMINDER Have renewed your membership for 2014? Have you changed your mailing address? Your E-mail address? Got a new call sign? We need to know your correct address to get the newsletter to you. Please inform Membership chairman Howard Dickson, VE1DHD, at dhickson@eastlink.ca of any address changes



Answer to Puzzler on p.4

The Higgs boson particle bears many attributes of the so-called "god particle" that was theorized nearly 1/2 century ago as fundamental to the creation of the universe. Atoms, are made up of protons, neutrons & electrons which are made up of subatomic particles (quarks, etc.) which by themselves do not have mass to make them stick together. It was theorized that the Higgs boson must be creating a "sticky" energy field that acts as a drag on other particles. The atom-smashing experiments confirmed that this particle exists in a form similar to – but perhaps not exactly like – what was proposed. Scientists will keep probing the new particle until they fully understand how it works in hopes of understanding the 96% of the universe that remains hidden from view.

In July, 2012 Scientists at CERN, the Geneva-based European Organization for Nuclear Research, announced finding a particle they described as Higgs-like. CERN's atom smasher, the Large Hadron Collider, forms a 27km tunnel beneath the Swiss-French border which cost some \$10-billion to build & run.

The vast computing power required to crunch all of the data produced by the atom smasher also boosted the development of distributed – or cloud – computing that is now entering mainstream services

Halifax Amateur Radio Club General Meeting minutes 19 Nov 2014

Meeting convened at 1930

Members present:

JG, QD, SRV, JEH, HEB, MR, ZMB, VA3IIF, CC, DTR, RUS, BSW, GTC, AI, OU, *QRM*, RGB, MB, CU, BC, BMF, GFA, AYN, LDL, WO, ANT, JMA, CAW, AJP, QC, NN, GGM, DHD, JIM, JHF, IGP, Amanda Schreiber, Jayne Jackson, Pauline Verge, Cora.

Silent keys:

Robert Aggas, VE1YK; Walter MacLeod, VE1WML; Alpheus Nickerson, VE1GAN; Hugh Clark, VE9HC; Robert Johnson, VY2RJ; John Arseneault, VE1TT

Approval of Meeting Agenda:

Approved

Acceptance of Minutes of October General Meeting:

Moved by VE1MR, Seconded by VE1IGP, Accepted.

No Correspondence to report.

Presidents Report: (bulk reserved for AGM)

Greetings from Carol and Frank Wilson in Hollister CA

Betty Caithness reminding everyone about the upcoming Christmas part at Fans Chinese restaurant on Dec 17th.

Mention of the project to get a decent internet connection in the meeting room, for future presentations during meetings.

Mention of January's speaker, Laura (ZMB) on Social Media and Amateur Radio.

Treasurers Report:

Jim VE1JG gave the current report on the clubs finances.

Moved for acceptance by Jim VE1JG, seconded by Jim VE1JIM
Motion carried.

Membership Report:

Howard (DHD) reported that our

current membership status: 3 Life Members, 103 Full Members, and 32 Associate Members for a total of 138 Members.

Howard reported that 2 of the members are to be awarded Life Memberships, those being Bill Elliot VE1MR, and Lynn Bowser VE1ENT.

A bit of background provided on both members.

Moved by Howard VE1DHD that Bill be accorded Life Membership in the Club, seconded by Dick VE1AI.
Motion carried.

(Certificate presented and photographs taken)

Moved by Howard DHD the Lynn be accorded Life Membership in the Club, seconded by Ian VE1IGP.

Motion carried.

(Certificate presented to Bill on Lynn's behalf, photographs taken)

Round of applause from all present.

Committee Reports:

Basic amateur Radio Course:

Scott Verge VE1SRV as course director, gave an overview of this year's course and its progress, including the upcoming exam.

SAR/EMO:

Dave George VE1AJP gave a brief update on Operation Kingfisher, and imparted his own Thanksgiving story.

Not a lot of searches lately, but a brief report on their trip to New Brunswick to assist in a search up there.

Also a story about a searcher who broke his leg, and had to invoke the "No Duff" call for assistance.

No other reports

Scott imparted his story about his trip to Hawaii, and the problems he had making his flights.



Jayne Jackson informed those present of her pregnancy, and due date of May 28th.

No discussion on any of the current projects.

Scott mentioned that the report of the Media and Public Outreach committee is now posted on the Club website.

There was mention of fundraising projects including the production of a new Call Book and a call for someone to take on the production.

Scot talked about the idea of offering a First Aid course to the membership, and also mentioned about the continued interest in setting up an amateur radio station at CP Allen High School and Laura, VE1ZMB's, efforts in that area.

Call for any discussion on any old business, none.

Scott brought up the Rookie of the year award, and the formation of a committee to oversee this award, consisting of Tom VE1GTC as chair with help from Fraser, VE1WO, and Jim VE1JIM

Scott made a motion to appoint the above mentioned members as the committee, seconded by Doug VE1LDL.

Motion carried.

Brief mention of the upcoming Boy scout Jamborees.

No other new business.

Door Prize won by William VE1HEB

50/50 won by Erik VE1JEH

Motion to adjourn Doug VE1LDL, seconded by Brian VA1CC

Motion carried

Meeting Adjourned at 2010

AGM to follow

Respectfully submitted
Jeremy Fowler VE1JHF
HARC Secretary



Two hats were hanging on a hat rack in the hallway.

One hat said to the other: 'You stay here; I'll go on a head.'

IN SUPPORT OF NETS

In the Newfoundland-Labrador Section, we have two province-wide HF Nets, the Cod Jigger in the morning (9:30 am local time on 7.085 MHz) and in the evening the Evening Traffic net at 7 pm on 3.740 MHz. I have heard some criticism of these nets with respect to content and necessity – with respect to the nets being outdated and not needed in today's advanced electronic communication world of smartphones, tablets and other wireless devices. I have thought about this for a while and would like to offer this defence for and preservation of the nets.

1) These nets have been a part of our culture for quite a while now. I remember as a young boy in Deer Lake in the fifties and sixties, visiting a friend at his house and watching him checkin, in CW, to the Evening Net and thinking to myself, one day I'm going to do that. I guess that, and the fact my father was a Canadian National Telegraph (CNT) operator influenced me to get in to the hobby in 1993.

2) I know that today's world has advanced to the point where our technology is in a way getting left behind in the dust. However, those modes will never be able to replace the camaraderie of the group who faithfully check in to the nets, where those you hear and haven't met with face to face yet give you a reason to go to the next meeting or get together.

3) The Traffic or Emergency side of communication can be replaced with

the modern mode "stuff" with no reason to wait for the appointed net time, but that is no reason to throw out the baby with the bath water and go from something to nothing and kill the social aspect of the nets.

4) One of these days, hopefully never, we may be relied on when some major communication crisis erupts, so the practice of net control and checkin needs to become second hand to participants.

5) It is during the nets we check our equipment and, hopefully, the time when other hams would make you aware of any transmission problem you may have. So I ask you to participate in nets, being respectful of the Net Controllers who give of their time to keep this aspect of the NL radio alive. Also be respectful of other participants, some of whom are new Amateurs and make the occasional error as all of us did when we were newbies.

If some aspect of the net causes you grief, discuss the matter privately with the Net Controller Managers, Bill Butt, VO1WB, for the Cod Jigger Net, or Lester Gould, VO1UG, for the Evening Net, and not in public. That hurts feelings and subtracts from the hobby.

Remember, Amateur Radio is a hobby that is to be enjoyed, in which you can continue the friendships you have made over the years and start new ones.

Charlie Marsh, VO1VZ
NL Section Bulletin Editor

*From the January-February 2015
issue of TCA*

HARC Tower crew activities

Given the number of times these jobs had to be re scheduled, November saw the team busy on three different jobs which included the Cowie Hill VE1PSR site where Dave VE1DDC, Pat VE1PHK, Scott VE1SRV, and Don VE1DRM working on the tower itself. They replaced the Diamond antenna at the top of the tower, along with identifying all 14 antennas and their feed line at the site. On the ground were Bill VE1MR, Wayne VE1WPH, Tom VE1GTC, and myself Terry VE1TRB. All work was completed as planned.

The second big job was reinstalling the antenna for Norm VE1QH. This job was quite a task considering the size of the antenna and the restricted area where we had to work in. It actually took two separate days to complete this job. Because of technical issues it had to be removed after it was installed the first time then reinstalled a second time. Thanks to the fine work of Dave VE1DDC, Don VE1DRM, Laura VE1ZMB, and myself the antenna is up and performing perfectly.

There was also another quick job done for Jack VE1OU where Dave VE1DDC climbed his tower to reaim his antenna and tighten up the mast clamps.

I'd like to thank you all that worked so hard in getting theses jobs done! Well done to all! It's good to see such great participation by the tmembers.

HARC Safety Officer VE1TRB
Terry R. Bigelow CD CPO2 Ret'd

**Stella Awards –
Outlandish Lawsuits & settlements**


Kara Walton, of Claymont, Delaware sued the owner of a night club in a nearby city because she fell from the bathroom window to the floor, knocking out her two front teeth. Even though Ms. Walton was trying to sneak through the ladies room window to avoid paying the \$3.50 cover charge, the jury said the night club had to pay her \$12,000....oh, yeah, plus dental expenses. Go figure.

HARC Website

The HARC website continues to be improved and updated on a regular basis - weekly at the very least.

If you follow the link from the home page "Monthly Meeting" "For Meeting Agenda...." you will find the monthly meeting agenda posted no later than 24 hours prior to the meeting.

D. Howard Dickson, VE1DHD // VE1ZD

From the Mail Bag**Open digital Voice for VHF/UHF**

Turns out that the open-source DV program FreeDV isn't ideal as the digital voice program for the VHF/UHF 'HT of the Future.'

Who says? Bruce Perens K6BP, the leading advocate for ... FreeDV!

Hey, he's just being honest. And he's doing something about it. In this talk from the 2014 ARRL and TAPR DCC, Bruce explains what the problem is with FreeDV, details what he's doing, and what else needs to be done. On to the (HT of) the Future....

Watch Episode 175: Bruce Perens' Algoram - Open DV for VHF/UHF: <https://www.youtube.com/watch?v=A6IpPUzahkQ>

- Ken, VY2RU

Field Day Music Video....

The Surrey Amateur Radio Club VE7SAR has produced a music video of their Field Day experience: 'That's How Field Day Goes!'

<https://www.youtube.com/watch?v=qsVzBjB3wA4>

73 - Ken VY2RU

FYI, Here is a recap of the hurricane season from the National Hurricane Center.

http://www.noaanews.noaa.gov/stories2014/20141124_hurricanesseasonwrapup_2014.html#.VHsu9RftHL8.twitter

James (Jim) Langille VE1JBL

I don't know how many people look at "The Sports Page" in TCA but there are usually some interesting contest results there. In the ARRL Sweepstakes CW you will find the top NS entry is Gary, VE1RGB. In the Ukrainian DX Contest you will see Rich, VA1CHP as second in Canada and top Canadian low power entrant. In the WAE DX RTTY you will find the top NS entrant is Howard, VE1ZD. In the LZ DX Contest first in Canada is Gary, VE1RGB. Again Gary, VE1RGB shows up as #3 Canadian in the OK OM DX CW contest. Again Gary, VE1RGB shows up in the Croatian CW contest. Just looking over these results shows quite an interest in contesting by several HARC members who do quite well. You do not have to be an avid tester to have some fun in the different contests and you never know how well you may do.

The Coquitlam Club has been working on a major improvement since last summer. The project is to put three 80 foot Tylon towers and two 40 to 10M four element Quads on two of the towers. On the third tower we put an M squared 20M mono bander on a 44 foot 3 inch boom. We are going to start assembling the last Quad on Monday ---- we have to build this antenna on 24 foot high scaffolding because the big spreaders are 40 feet x 40 feet when assembled. We had to build and splice all the towers together because they came unassembled. There are some old pictures at the top of the link page, so scroll down until you see us working on the towers --- this is where it all starts. The towers are 4 feet across the legs at the bottom and 2 feet across at the top. The thing that amazed me was when the crane picked the towers up at the top to stand them up they never flexed.

73's AL, VE7WJ

<https://plus.google.com/photos/104333137509160434393/albums/6040549262948382673?authkey=CIGNIMvSja2oogE>

The early days of ham radio on the farm

The Canadian Cattlemen magazine has republished an article on amateur radio from the March 1948 edition

The article "Calling CW--Calling CQ" was written by Slim Marsden VE6BM and sought to promote amateur radio to Canadian ranchers and farmers.

The PDF of Part-1, running to four pages, is at

<http://www.canadiancattlemen.ca/files/2014/12/calling-cq-pt1.pdf>

Article homepage

<http://www.canadiancattlemen.ca/2014/12/01/the-early-days-of-amateur-radio-on-the-farm/>

Comments on the article and requests for Part 2 can be sent to gren@fbcpublishing.com

From Spud, VE1BC

Sea Water Antenna....

"The US Navy has created a device which turns a jet of sea water into an impromptu liquid antenna, creating a powerful, high frequency broadcast tower for ships, emergency situations and easy transportation."

Sea Water Antenna: <http://qrznow.com/sea-water-antenna/>

73 - Ken VY2RU

7J4AAL's new antenna....

<http://www3.ocn.ne.jp/~kan1/newmonsterantenna2.html>

This will show you why we always hear him so well...Hi!!

73 - Ken, VY2RU

You are no doubt aware of this but just in case:...

88/73 Spud, VE1BC

-----Original Message----- From: Robert Maskill Sent: Tuesday, December 16, 2014 1:56 AM To: Spud Roscoe Subject: Might be of interest Spud.

The RADAR like signal noted of late on or about 1910 kHz has been tentatively identified. This was posted to the Top Band Reflector by Doug K1DG earlier today. I have been monitoring and it has been active on 3250 kHz since I started to listen at 21:33 UTC and went OTA on 3250 kHz at 22:50 UTC. Nothing heard on 1915, 4400, or 5300 at this time.

“After some Googling and educated guessing, I have determined (and received confirmation of) the following:

- It is a high-frequency surface-wave radar (HFSWR) system, developed by Raytheon Canada for the Canadian military. It seems to be a new version of the SWR503 MK2 HFSWR system. It is intended to detect ships up to 200 miles from a country's coast (EEZ) to protect against terrorists, smugglers, and unauthorized fishing vessels as well as locate vessels in distress. The present system has been detected at 1915, 3250, 4400, and 5300 kHz.

- It is located at Hartlen Point, NS, near Halifax
(point Google Earth to 44 35 29.47 N 63 26 49.68 W)

and if you zoom in you can see the 500M long cleared area for the towers and the guy anchors.

- W1FV was pretty close with his estimate of a heading of 75 degrees (it is actually 67 degrees from John's QTH).

- ARRL, RAC, and Industry Canada (Canada's FCC) have been made aware of the interference that this signal is causing to amateurs.

- The frequency band 1850-2000 is a shared allocation in Canada, among amateur, radionavigation, and radiolocation services.

- A previous version of this system was installed in several other regions.

1915 kHz is not the primary operating frequency for the system. The higher frequencies generally work better for the intended purpose.

So the mystery is solved...at least as far as the source is concerned.

73, Doug K1DG

Robert Maskill, g4pyr@me.com, Peterborough Cambridgeshire

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

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

WebSDR is a Software-Defined Radio receiver connected to the internet...interesting stuff.

<http://www.websdr.org/>

- Ken, VY2RU

Procedure for Loan of Club Equipment

This is an addition to Policy 13.0 printed in Constitution.

If two or more individuals / groups request the same equipment for the same time frame (such as for a repetitive annual event) the following guidelines will be used:

A. The equipment cannot be requested after 60 days prior to the start of an Annual or Reoccurring Event.

B. The equipment must be returned within 15 days of the end of the event.

C. The intent is to allow groups to have equal access to equipment, eg. If group A had the gear the previous year then group B would have precedence if requesting the same gear. If more than 2 groups request the use of the same gear then the group that has not had the gear before or in the previous 2 years would have precedence. In the case of multiple pieces of similar gear being requested by two or more groups the Club Executive will attempt an equitable division if the groups cannot agree among themselves. Groups will always have precedence over an individual for equipment requested for the same period.

D. The Executive will make a decision on loan within 15 days of the 60 day cutoff date.

E. If a request comes in after the 60 day time period for a stand alone event, the EXEC will make a decision based on original criteria.

PRIMATE: *Removing your spouse from in front of the TV!!*

December 27 2014
www.radioheritage.net

Find your favorite radio stations anywhere in New Zealand this summer, and stay in touch with your favorite shows and personalities...or discover new radio stations.

All the stations, all the locations, with maps and websites.

The NZ Radio Guide at
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NZRadioGuide.asp

brings you the sounds of South Pacific summer just one click away.

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Fascinating Error in Judgement
"Everything that can be invented has been invented"
Charles H. Duell,
Commissioner,
US Office of Patents, 1899.

The Maritime Amateur

Ham Radio
for Maritimers by Maritimers
www.maritimeamateur.ca

He said.. Why is it difficult to find men who are sensitive, caring and Good- looking?
She said. They already have boy-friends.



HALIFAX AMATEUR RADIO CLUB MEMBERSHIP - For 2015

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



E Mail Address (Please provide for our files)

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 \$_____.

* 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

CERT _____

CARD _____

SEC _____

ENTERED _____