



The Halifax Amateur Radio Club

REFLECTOR

PO BOX 8895
HALIFAX NS
B3K 5M5

March 2018, Volume 79 Number 3
club web site is www.halifax-arc.org



And The Daylight Hours Are Increasing!!

HARC Club Station phone number - 902-490-6421

Executive

President - Jeremy Fowler, VE1JHF	240-4302	ve1jhf@gmail.com
First V.P. - Don Trotter, VE1DTR	823-1888	ve1dtr@rac.ca
2nd V.P. - Gary Murphy, VA1GGM		garygmurphy@gmail.com
Secretary - Aaron Bradley, VA1ARN		ad.bradley@me.com
Treasurer - Jim Guilford, VE1JG	466-2124	jimguilford@gmail.com
Member-at-Large: - Craig MacKinnon, VE1JMA	463-8517	cjmackinnon@gmail.com
- Ian Pearce, VE1IGP	469-3474	igpearce@hotmail.com
Station Manager: - Brian Allen, VA1CC	489-4656	basailor@eastlink.ca
Past President - Brian Allen, VA1CC	489-4656	basailor@eastlink.ca
Director Emeritus - Bill Elliott, VE1MR	865-8567	bowser.elliott@ns.sympatico.ca

Committees/Offices/Prime Contacts

Government & Media Relations - Gary Murphy, VA1GGM	garygmurphy@gmail.com
QSL Bureau Mgr - Tom Caithness, VE1GTC	477-7081 tom.caithness@ns.sympatico.ca
EMO Coordinator - David George, VE1AJP	466-8723 dgeorge@dal.ca
EMO Trailer coordinator - David Musgrave, VE1EDA	435-4333 ve1eda@rac.ca
Reflector editor - Lynn Bowser, VE1ENT	865-8567 bowser.elliott@ns.sympatico.ca
Reflector Hardcopy Dist. - Carol Wood, VE1HAZ	carol.wood@EastLink.ca
Membership - Jim Calvesbert, VE1PPA	jim.calvesbert@gmail.com
Reflector electronic Dist.; Jim Calvesbert, VE1PPA	jim.calvesbert@gmail.com
Web site content Manager - Brandon Fowler (VE1BMF)	bmfowler95@gmail.com
Basic ham course - Wayne Harasimovich, VE1WPH	wayneph@bellaliant.net
2017 Flea market Chair - Marc Hemphill, VE1BEL	mjhempill@ns.sympatico.ca
Field Day Coordinator - VACANT	
Safety Officer - Pat Cavanaugh, VE1PHK	ve1phk@rac.ca
VA1MMA Project Manager Dick Grantham, VE1AI	rgrantham@ns.sympatico.ca
NSARA Director - Bill Elliott, VE1MR	865-8567 bowser.elliott@ns.sympatico.ca
Honorary Legal Counsel - Paul Radford, VE1ARH	

Non Club Contacts

RAC Atlantic Director - Dave Goodwin, VE9CB	ve9cb@rac.ca
RAC Section Manager - Craig Seaboyer, VE1DSS	cseaboys@stfx.ca
RAC Assistant Director for HRM Scott Wood, VE1QD, 823-2191	ve1qd@rac.ca

Take-15 Net Controllers

This will be the rotation.
We need more net controllers. If you want to join, contact Bill, VE1MR

March	18	Doug	VE1LDL
March	25	Gary	VA1GGM
April	1	Peter	VE1PJW
April	8	Doug	VE1LDL
April	15	Gary	VA1GGM
April	22	Doug	VE1LDL



Puzzler - Do you know?

The Jolly Jumper -What,
When, Where & by
Whom ?

The answer is on page 8



Golf is the only
sport where your
most feared
opponent is you.



All phone numbers must be
preceded by area code 902 when
dialling, unless otherwise indicated

The March 2018 General Meeting of the Halifax Amateur Radio Club will be held Wednesday, March 21, in the Senior's Room on the 1st floor of the St. Andrew's Centre, 3380 Barnstead Lane, Halifax.

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

7:00-8:00pm - Swap and shop
social. Club gear for sale will
be on display in the club sta-
tion. Make an offers that cannot
be refused.

8:00-9:00pm Regular Monthly
Business Meeting

Guests are welcome

**Deadline for submissions to the
April Reflector is
Saturday, April 7, 2018**

*Gone are the days when
girls cooked like their
mothers. Now they drink
like their fathers.*



GENERAL INFORMATION



Sunday evenings:
TAKE-15 NET at 8:30 PM

CLUB REPEATERS:
VE1PSR - 147.270 MHz + TX=82.5
VE1PSR/UHF - 444.350 MHz +
VE1PSR/6M - 53.550 MHz -
access tone 151.4 Hz
VE1HNS - 146.940 MHz - TX=82.5
PACKET: VE1NSD 145.050 MHz
LAN NODE



Event for Your Calendar

A HATS meeting will take place Thursday March 15 at St Andrews Center 7:00 pm in the Art Room. Main topic will be the Comm A position and related duties.

April 7 & 8 - Shearwater Aviation Museum-20th annual spring hobby show will be held this year at the Sea King Club, 242 Warrior Avenue, Shearwater, from 10 AM to 4 PM on Saturday & Sunday. Craig, VE1JMA, is again willing to take the lead on the HARC's participation but will be looking for help. 2018 commemorates Shearwater's 100th anniversary.

S.M.A.R.T. 2018 is scheduled for Saturday April 28th 8am-5pm at the Dr Carson & Marion Murray Community Centre in Springhill NS. Registration fee will be \$5.00 which includes lunch.

May 27 - MS Walk

July 28 & 29 - MS Bike Tour

July 28 & 29 - IOTA Islands On The Air - sponsored by the Radio Society of Great Britain

Please send any issues (broken links, missing information, etc.) found on the H.A.R.C. Website to our Website Manager, Brandon Fowler, VE1BMF, at bmfowler95@gmail.com

To view the activities of the Maritime Lighthouse Amateur Radio Group go to;

<https://www.facebook.com/groups/MLARG/>

The Maritime Amateur

Ham Radio
for Maritimers by Maritimers
www.maritimeamateur.ca

Definition: BEAUTY PARLOR: A place where women curl up and dye.

Truro Amateur Radio Club - Newbie Round Table

Time: - 2100 hrs (9PM) Sunday Evenings lasting: 30 min. to 1hr. Location: VE1HAR with the following repeaters linked, VE1TRO VE1BHS, VE1SHU, VE1CDN, VE1PKT, VE1HR, VE1AEH, VE1WN, VE1RTI.

Echo Link will also be available via VE1BHS for those who want to use it. The node number for BHS Echolink is 100853.

The main objective of this round table is as a learning experience for both new & older ham operators. It

will be a round table discussion forum on air for newbies to ask questions about stuff they don't understand, with experienced hams using their knowledge & experience to provide the answers. There will be a moderator in charge in order to start and facilitate the discussion as necessary. For each round table there will be a suggested topic to be discussed, but other questions & topics will be more than welcome.

Questions? Email Dave Hull at

d.hull@ns.sympatico.ca

or

tarcnewbie@davidh.ca

S.M.A.R.T. 2018 scheduled for Saturday April 28th.

From Jim VE1JBL Jan. 6th, 2018

The event will again be held at the Dr Carson & Marion Murray Community Centre in Springhill NS on Apr. 28th, 2018 8am-5pm. Registration fee will remain the same \$5.00 which includes lunch. There will also be 50/50 tickets and prizes given throughout the day.

First classes will begin at 9 am. Lunch hour (barbecue) will be from 12 noon till 1 pm.

The organizers have decided to keep the "Out of the Trunk" fleamarket this year. Amateurs interested in selling are to write up a note on items for sale with price and will get it on the site. Amateurs looking for something send it along and will also

post it on the site.

This year the Hospitality room will be available and will have refreshments and an area to sit and chat if not taking in the courses.

We are looking for presenters for courses. If interested in putting on a course contact George Dewar VY2GF at dewarg@bellaliant.net

As presenters come forward they will be posted on the site so everyone will know what courses will be available this year.

The WestCumb ARC and the Municipality of Cumberland are looking forward to hosting this event again this year.

For more information and registration go to:

<http://www.westcumb.ca/s-m-a-r-t>

Maine State Convention "HAMFEST/CONVENTION".

Start Date: 03/25/2011

End Date: 03/26/2011

Location: Ramada Conference and Convention Center
490 Pleasant Street
Lewiston, ME 04240

Website: <http://www.w1npp.org>

Sponsor: Androscoggin ARC

Type: ARRL Convention

Talk-In: 146.610 (no PL)

Public Contact: Ivan Lazure,
N1OXA

440 Webber Avenue

Lewiston, ME 04240

Phone: 207-577-5152

Email: n1oxa@arrl.net

For more information, please visit their website at

<http://www.w1npp.org/pages/MEConvention2018.html>

PRESIDENT'S MESSAGE for March, 2018

Welcome to March !

Things are progressing well with the preparations for our upcoming move to Station 50.

We've heard some good reports about our new EMO director, Erica Fleck, and I'll get to meet her for the first time on the 14th. I'm looking forward to it.

We are currently seeking a member willing to take on the role of Field Day Coordinator, since the position has recently been vacated. If you are interested and available to help we'd like to hear from you soonest.

Just a reminder about the Social and Swap night at the March General meeting. There will be items from the Club available for sale.

And if you have something you'd like to trade or sell, bring it along to the meeting and see if someone else might be interested.

Looking forward to seeing you all at the meeting !

73, Jeremy, VE1JHF/VA1GUN
President of the HARC

To make the most of **our web page** please send photos, notices of events, and ham radio news items, etc. to our Website Manager, Brandon Fowler, VE1BMF, at
bmfowler95@gmail.com

Gary Murphy, VA1GGM, is the
current
co-ordinator for
CANWARN

**WANTED**

We are in desperate need of Take-15 net controllers. This is an easy task that can give on air experience to new Amateurs and is a good way to help the club.

The Take-15 net is one of the longest continuously running nets in the country. It would be a shame to discontinue this net.

Currently it is available on VE1PSR VHF, UHF and 6M repeaters at 2030 Sunday evenings.

Please consider taking on this task. The more net controllers the less times per year you would need to take a turn. If we could get 6 more net controllers they would only need to take a turn every 2 months - about 6 times per year.

I can supply a written format to follow. Please contact me by phone or e-mail.

Bill Elliott, VE1MR
902-865-8567
bowser.elliott@ns.sympatico.ca

SWAP AND SHOP

The club has a lot of surplus gear that must be disposed of before the move to our new home. The gear will be displayed for bids before the March meeting. Once the club members have had a chance to purchase things anything not sold will be offered on swap shops to the Amateur community.

If you have something you'd like to trade or sell, bring it along to the meeting and see if someone else might be interested. Please limit the number of items you bring since the thrust is to dispose of club surplus gear.

If you have a copy of the list of items for sale and want to make a bid please let Alex, VE1RUS or Brian, VA1CC know even if you cannot make the meeting.

Distracted Driving

Update: December 15, 2017
from the RAC website

Distracted driving regulations continue to be an area of interest for many Canadian Radio Amateurs. These regulations are made and enforced by provincial governments and can vary considerably from province to province and over time. In Ontario, RAC Directors Allan Boyd, VE3AJB (Ontario North/East) and Phil McBride, VA3QR (Ontario South) have been working hard on this issue.

On December 15, 2017, the Ontario Ministry of Transportation (MTO) announced that the current two-way radio exemption for "Amateur Radio

operators and specified commercial, public transit, and public function drivers will be extended for a further three-years, effective January 1, 2018 until January 1, 2021."

The update to the regulation can be found at

<https://www.ontario.ca/laws/regulation/r17475>.

While we were hoping for a permanent exemption, this decision by the MTO ensures our continued ability to operate Amateur Radio apparatus while mobile. RAC will continue to press for a permanent exemption going forward.

For more information visit our Distracted Driving webpage at:
<http://wp.rac.ca/distracted-driving/>

Some old expressions have become obsolete because of the inexorable march of technology.

E.G. "Don't touch that dial,"

"Carbon copy,"

"You sound like a broken record"

and "Hung out to dry."

Back in the olden days we had " lot of moxie.

We'd put on our best bib and tucker to straighten up and fly right.

Museum Highlights – 2018

There are many stories resulting from the thousands of encounters and conversations with the visitors to the “Wireless Room” at the Maritime Museum of the Atlantic.

At the wireless room exhibit, located in the “Age of Steam” section of the museum, we demonstrate how ships communicated for almost 100 years, using radio, and sending messages by Morse code.

The radio operators had great skill in being able to send and receive messages at speeds of up to 30 words per minute and even more. Local amateur radio operators from the Halifax Amateur Radio Club demonstrate this skill at the exhibit and invite visitors to try their hand at sending their name using the Morse code keys at the exhibit. This always invites lively questions, and discussions, about how radio communications greatly increased safety while at sea, and also allowed the ship’s crew and their passengers to send messages over great distances.

Visitors to the wireless room exhibit, who complete the task of sending their name correctly are rewarded with a colourful certificate with their name on the front and a copy of the Morse code on the reverse.

The exhibit includes a fully operational modern Amateur Radio station as well as a fully restored WWII Canadian Marconi model CM-11 1944 Canadian Navy radio transmitter/receiver. This equipment allows us to demonstrate in real time the effectiveness of Morse code (referred to as CW in amateur radio) to make contact with other amateur radio stations around the world.

Virtually all of the HARC volunteers have enjoyed conversing with the visitors and swapping stories.

Just a few of the stories are highlighted here as follows:

1.A gentleman from Michigan told

us that he owns a number of office buildings in the USA. He said he has his children’s and grandchildren’s names put in the stonework of the buildings in Morse code. Until he visited the Wireless Room he had never seen the Morse code. Now that he has his own certificate from the museum he is going to have it framed and hung in his office.

2.The museum received a letter from the “Society of Wireless Pioneers Inc.” The letter is from an Amateur Radio operator who now lives in Colorado, who is a life member of the pioneers. He had been talking to a friend of his who lives near Seattle, WA., who had visited the museum, and told him about the “Wireless Room”. In part his letter states “Thank you for showing equipment of how communications were used back in the day. I still miss going to sea.” He had been a radio operator aboard tankers for many years, and sent along photos of radio rooms and the ships he was on. This will all be on file in the wireless room.

3.A family from Atlanta, GA., stopped by and got their certificates, after which the father said he used to be an Amateur Radio operator years ago. “This display is wonderful. You have revived my interest and when we return home I will pursue getting my two daughters their radio licences as well.”

4.A gentleman from Taiwan, who visited the exhibit, could send CW very well, like a pro, I asked him if he was an amateur radio operator, and through the course of the conversation he said he no, but he had used CW extensively in the Taiwanese army.

5.A visitor from the Bay area in California said he was very involved in the restoration of a “Victory” ship. They also had a Morse display for visitors but no certificates like we had. He stayed for an extended period (3 hours) and told us when he

left, that seeing the enthusiasm generated at our exhibit, he was going to suggest some changes to their display in California.

6.Two guests from another cruise ship stayed for a while as well and informed us that they were establishing a new Naval Museum in southern California. They took their certificates, and requested a blank one, as they want to do something like this at their museum, and “why re-invent the wheel, you people have done it.”

7.The scouts who came into the museum last summer from those attending the scout Jamboree CJ 17, held in Middle Musquodoboit, were thrilled to talk from the wireless room back to the jamboree site using amateur radio. One of the local scouts pursued his fascination with radio, passed the amateur radio course and is now a new member of the HARC along with his Dad.

8. Then there is the wonderful story of the very young lad who came in with his Mom. (This story is printed in the February 2018 HARC “Reflector”.) This story, includes a photo of a 7 year old who loved the code so much he wanted to continue it at home, and HARC members were able to donate a code practice oscillator for him to use so he can continue his interest in Morse & radio. We hope to see him in the radio course in a couple years.

9.Many retired military personnel who came by, commented on the warm feelings they got seeing the completely restored Marconi CM-11.

10. One lady from Perth, Australia did **not** ask us if anyone still used Morse code - a question we get asked very often. She was completely familiar with short wave radio and all of its capabilities. She was a teacher who taught her lessons to the children in the out stations and ranches in Western Australia,

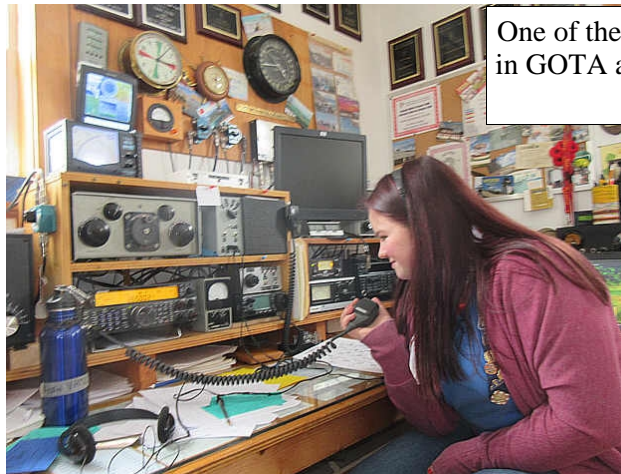
(Continued on page 5)

Museum Highlights – 2018 (Continued from pg. 4) including communications with the flying doctor, via short wave radio.

11. Radio operators past and present and “special guests” are asked to sign our “guest registration book”. Most notable signatures are from the “Great Grand Niece of Samuel Morse”, a retired Canadian Brigadier General, and over 100 Amateur Radio operators from around the world.

There are hundreds of stories like these. Every day, it is an eye opening experience when engaging the museum guests with stories about the magic of radio communications. The magic continues!.

Dick Grantham, VE1AI



One of the 39 Guides who participated in GOTA at VA1YL looks happy to be making a contact.

GOTA at VA1YL's Shack

Helen writes

"I had 39 Guides in on Saturday & Sunday, February 17th & 18th. We only worked Canadian & US stations. We had a nice sched with VE9CB who had Guides in on Sunday.

We worked Pat VE4PEH on Saturday - she had been a Guide in her youth. We worked a US Ham whose wife was a Girl Scout Leader & his daughter was a Brownie. We talked to both of them. We did not point east to the UK because Pat called us when we called CQ Saturday & the sked on Sunday was on 80M.

It is so sad that Guides Canada does not promote Guides on the Air. The UK does and it looks like the USA is coming on board."

Helen, VA1YL

N. Peter D. Service drew this item to my attention. -ed
<http://www.cbc.ca/news/canada/new-brunswick/transmitter-sold-former-jail-1.4535290>

1940s transmitter finds new home in old jail

The massive transmitter is being moved from the former RCI site to the former Dorchester jail

By Tori Weldon, CBC News Posted: Feb 15, 2018

Bill Steele is a collector of odd things. A year ago, for example, he bought a jail (built in the 19th century) the site of the last double hanging in New Brunswick.

His latest purchase is less morbid but also a rare find: a massive 1940 shortwave transmitter that once broadcast Canada's stories around the world. The transmitter was installed around the end of the Second World War and used until the 1970s. The Radio Canada International site outside Sackville continued to broadcast, but the 50 kW transmitter, five metres long and 2½ metres wide, was decommissioned and used as a showpiece.

The RCI property was bought in February 2017 by Mi'gmawel Tplu'taqnn Inc., which had no use for the non-functioning equipment and put it up for sale.

Steele couldn't help himself. "I like weird and unusual stuff," he said. "That's why I'm putting it in my jail." He bought his jail — now a gym and bed and breakfast — last year as a retirement project. Guests bunk in a decommissioned jail cell.

Steele's enthusiasm for historical objects is infectious even when he talks about the paperwork that comes with his latest purchase. "It's got the manual, from the '30s that

the Canadian government — like, I had it in my hand, I'm going, 'Look at this.'"

And he describes the transmitter in glowing terms. "When I first saw it, it was the big, huge Frankenstein-looking bulbs that were in there," he said. "It was like, 'Oh my god, this is like something you see on TV.' I expected a Tesla spark to be flying over top of it."



This tube, part of the RCA 50 KW transmitter on the former RCI radio tower site, is part of what sold Steele on the machine. (Tori Weldon/CBC)

Steele plans to share the massive machine with anyone who wants to come by for a look. He already has a place

(Continued on page 8)

**HALIFAX AMATEUR RADIO CLUB
GENERAL MEETING MINUTES
FEBRUARY 21ST, 2018**

1. Welcome

2. Acceptance of Agenda

Moved by Howard VE1DHD and seconded by Tim VA1TIM; carried.

3. Roll Call

Was conducted.

4. Silent Keys

Charles Reynolds Phillips VO1CR
St John's NF - Nov 19th, 2017

E. William "Bill" Wheaton Sr
VE1CFK, Parrsboro, NS
Nov 20th, 2017

Albert Joseph Legere VE9AJ
Point De Bute NB - Nov 20th, 2017

Freda Mae Crawford VE1VJ
Yarmouth, NS - Nov 28th, 2017

Brian Patrick McDonald VO1ZZ
Outer Cove, NL - Nov 29th, 2017

Otis Delbert Clayton VE1VJ
Greenwood, NS - Dec 7th, 2017

Roland Clarence Peddle VE6RL/
VO1BD, Lethbridge, AB / St John's,
NL - Dec 7th, 2017

Patrick Lizotte VE1KIT
Grand Falls, NB - Dec 12th, 2017

Roderick Gordon Bird VE1ROD
Amherst, NS - Dec 17th, 2017

Georges LeBreton VE9FDY
Rang Saint-Georges, NB
Dec 17th, 2017

Colin Alastair MacKinnon VE1AUO
Saulnierville, NS - Dec 19th, 2017

Edwin W. Crandall VE1XF
Amherst, NS - Dec 24th, 2017

Elmer J. Bourque VE9EJB/VE9NB
Fredericton, NB - Dec 29th, 2017

Carl Anton Smidt VE9OV
Penobsquis, NB - Jan 25th, 2018

Stanley Heinsma VE1BES
Pictou, NS - Jan 26th 2018

Raymond James Ross VE1BDL
Riley Brook, NB - Jan 28th, 2018

Ronald I. Maund VE9RIM
Moncton, NB - Jan 30th, 2018

Robert J. Pratt KD1LU/VY2LU
Avon, CT / Murray Harbour North,
PE - Feb 1st, 2018

George Francis Gratto VE1GFG
Truro Heights, NS - Feb 3rd, 2018

Arthur Morris VE1FCA
Elmsdale, NS - Feb 7th, 2018

5. Approval of November Minutes

Moved by Bill VE1MR and seconded by Craig VE1JMA; carried.

6. President's Report - Jeremy VE1JHF

Guides on the air happened this past weekend with a turnout of 10 girls and 3 adults. Terry VE1TRB, Doug VE1LDL, Brian VE1CC, and Tom VE1GTC, participated from the club. Club members should consider attending the Symposium for Maritime Amateur Radio Technicians (SMART) in Springhill, NS April 28th, 2018.

There have been some people challenge the Basic exam and passed so we have some new hams on the air.

Local repeaters are pretty quiet, don't be shy getting on the air. Also of note the Take 15 net is dwindling so turn your radio on at 20h30 on Sunday evenings

There was a good turn out at the ham breakfast Sunday at the Steak and Stein.

We are in a new fiscal year so members need to get membership renewals in to Jim VE1PPA and money to Jim VE1JG

The club move is coming up and we require all hands on deck so please consider volunteering where you can.

7. Other Exec Reports

I. Treasurer - Jim VE1JG read by Aaron VA1ARN

December starting balance \$4260.35 with an income of \$545.00 and expenses of \$339.49 which left a

*You can tell a lot about a woman's mood just by her hands.
For instance, if she's holding a gun she's probably angry.*

bank balance of \$4465.89 therefore January started with the same amount. Income in January was \$959.89 and expenses were \$2.25 leaving a final bank balance of \$5423.50

Bill VE1MR moved and Brian VE1CC second; carried

8. Committee Reports

I. Membership - Jim VE1PPA

39 full members, 18 associate members, and 5 life members for a total of 62 club members so far this year. Given that we didn't have a January meeting it is expected that we are down in membership renewals but we are at approximately half the numbers we had last year. Get your membership applications to Jim VE1PPA and dues to Jim VE1JG soonest.

II. Technical - Don VE1DTR

Internet at the club is back online which means the remote station is capable of being controlled via the internet but there is currently no audio.

III. SAR/EMO - Dave VE1AJP

One incident in January on Lacewood Drive involving too much "festive spirit" but it was a happy ending as the gentlemen was found uninjured.

IV. Program/Social Committee - Gary VE1GGM - No report

V. Flea Market - Marc VE1BEL

Looking for new venue because St Andrews is closing. The date we are looking at is late May or early June. Jayne to look into possible venue

VI. Educational Programs - Wayne, VE1WPH (not present)

ARISS contact date has been pushed to later in the year, details unknown

VII. Field Day - Wayne VE1WPH (not present)

Unknown what the plan is for Field Day. With the move, Field Day would be a good test for the new building. Field Day plan is still up

(Continued on page 7)

Minutes (Continued from page 6)
for discussion.

VIII. Hobby Show - Craig VE1JMA

At CFB Shearwater April 7th and 8th 08h30-16h both days with the setup being the Friday night. Craig is setting up a table and looking for volunteers. He'll bring his HF rig and antenna plus WinLink kit. It is a good opportunity to demonstrate the hobby to the local community. If more people get involved then it may mean bringing some computers to show digital modes as well. If you'd like to volunteer please let Craig VE1JMA or Jeremy VE1JHF know.

IX. MMA - Dick VE1AI

Dick VE1AI and Bill VA1ALW met with the museum for brain storming. The museum doesn't want to simply hand out certificates they want us to explain the value of morse code. Dick has written up some stories. Over 7000 certificates were handed out last year. Visitors from all over the world. Discussion of the possibility of putting up a dipole on the roof. It was brought up that CSS Acadia should have a dipole that was once mounted on the mast. March break is coming up March 9-17th and there are approximately 40 slots; send Dick an email if you can volunteer. Museum Ships on the Air is the first weekend in June. Cruise ships will start in April. Mondays and Thursdays 10h-13h and 13h-16h.

X. Nominations Committee - Dick VE1AI - Has officially been dissolved and is looking for new members. The Nominations Committee searches for club members to fill the executive and other committee positions within the club annually. Please get in touch with Jeremy VE1JHF if you wish to volunteer for a position on the committee.

XI. Brit Fader Committee - Howard VE1DHD

The committee needs new members Craig VE1JMA, Jeremy VE1JHF,

Bill VE1MR, Paul Radford VE1ARH, Tom VE1GTC

Brit Fader was a member of HARC. He liked to link phone patches together. Brit was the first recipient of RAC Canadian Amateur Radio Operator of the Year. In 1993 the club setup the scholarship for young individuals studying in subjects including science and engineering. The annual scholarship is worth \$1500. Forms can be found online on the website. Deadline in early June.

XII. HATS - Tom VE1GTC

Meeting to come in March, the ComA position is open and this is the first person called by EMO when there is an emergency. The ComA position will need to setup response groups which consist of 4-5 people and they can rotate what group is on call by week.

HATS has recently received two "go-kits". One is complete and David George VE1AJP has all the parts for the second kit and will assemble soonest. HATS has been approached by Scott Manor House in Sackville to setup and show off capabilities, HATS is looking for volunteers for sometime this summer. ICS-100 course is a pre-requisite which can be done online or through a one-day class. There is a local instructor that will teach. Looking into doing another one day class soon.

XIII. Other Reports

Helen VE1YL reported her involvement with Guides on the Air had 39 Guides and 120 QSL cards have already been received

Fred VE1FA reported that 13 club members were involved in the Halifax Explosion Anniversary callsign CK100VDA Event

9. Old Business

I. St Andrew's to Station 50 Move - Brian VA1CC

Tower base is top priority. Quotes are being acquired for new bottom tower section. Station 50 has several new additions within the building including new electrical, new floor,

paint, furniture, cable trays plus cables, air exchanger, plus the necessary modifications to their station to keep us off the truck floor. HRM fiscal year expires March 31st and they are trying to use as much of the current budget as possible. Club members will have 24/7 access to the new station and the meeting room can hold ~50 people. Note that Tuesdays are Volunteer Training night and Club events are not to be organized for Tuesday evenings.

Barry Manuel VE1JRG has not received official notice that we must leave St Andrew's yet plan is to have the club move by June 1st, 2018.

The paid Firefighters know this is happening but the after hours volunteers don't know we are moving in. The Club Executive will meet with the volunteers and introduce our club and hobby to them.

Barry VE1JRG is being replaced and he wants to finalize this evolution prior to his departure. His replacement is Erica Fleck and her bio can be seen on the halifax.ca website under Division Chief Emergency Management. So far there has been no cost to the club. Barry and HRM have been picking up the tab

Back at the Club Bill VE1MR and Brian VA1CC have been identifying current items that will go to New Club, to Cowie Hill, what will be sold or junked.

There is no space for vintage equipment at the new location, however the special vintage pieces will be taken care of.

The current plan is to make the move in one day which will require extensive man power. Club members should be prepared to volunteer the day the club moves.

Suggestion was made to link the Dartmouth Club to HARC via video chat on meeting night evenings.

II. HARC Surplus Sale

Alex VE1RUS is coming back soon

(Continued on page 9)

From the Mail Bag



To: All NET OPS

Just a reminder that the VE1NET VHF repeater system is currently NOT available via the MAVCOM system for an extended period of time until a technical problem can be resolved.

Lorne, VE1BXX

Hi,
Did any HARC member work the WSPR station on the POLAR PRINCE in the C3 Expedition; CG3EXP or VE0EXP? I would like to record it in my Amateur Radio History project. I only have 413 pages in my manuscript, but if you can think of anything at all you feel should be in it please let me know.

Spud, VE1BC

From Eric, VE1ELK

I have been waiting on these people to finally post this up for all of us to see. It's only a few days old on YouTube -- and here it is -- footage from radio row from 1929. On a personal note, my father was a stevedore working at the docks near here. He hung around the spot getting into radio, and then came back to Halifax in late 30's to enlist; then got into the communications in WW2. He got me my first receiver in 1960..

<https://youtu.be/gJE9hc3fluw>

Most times, it comes down to common sense.

HARC Booking Calendar

Looking to find out what is going on in the HARC Station? If so, you should go to our on-line room booking calendar at:

<https://teamup.com/ksa1105421c0509940>

There you can find information on events taking place in the:

1940s transmitter finds new home in old jail
(Continued from page 5)

picked out for it. "It's going to take up the whole room."

Mike Knockwood is a member of Fort Folly First Nation, one of the seven Mi'kmaq groups that purchased the RCI property. He's glad the transmitter will be close by, more so because "it's not going to be taken apart and sold for scrap."

Knockwood said some groups expressed interest in getting the transmitter for free, but Steele paid for it. He wouldn't say for how much.

Steele is hoping anyone with stories about the transmitter will share them with him on his Dorchester jail Facebook page, because, as Steele is the first to admit, this isn't his area of expertise. "I've never touched a shortwave radio, but look at it, I'm going to have the biggest one in Canada."

Do you have pictures, an interesting or funny radio-related story, an article or a question or news you would like to share via the HARC Reflector? Please send it/them to Lynn, at bowser.elliott@ns.sympatico.ca

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

"The difference between Genius and Stupidity is, Genius has it's limits." Albert Einstein

- Club Station Main Meeting Room
- Club Library / Technical Room
- Club Radio Station Room
- Club Remote Radio Reservation Booking

If you want to reserve space in one of the above three rooms, or if you are approved to use and want to book



Answer to Puzzler on page 1

Life is hard enough with two arms. When one of them must hold a squirming youngster ... mission impossible. After her first child was born in 1910, Toronto mother Susan Olivia

Poole was keen to stay active. Inspired by the papooses used by Aboriginal mothers to carry their children, she fashioned a harness of her own. It was a cotton diaper fashioned as a sling seat, a coiled spring to suspend its wearer from above, and an axe handle to secure the contraption. Susan called her combination a Jolly Jumper. As she worked in home and garden, her son bounced playfully & safely nearby in his new jumper, toes just off the ground. Susan had six more children and made Jolly Jumpers for each. When her children had children of their own, Grandma Susan made even more. In 1948, she began to build and sell them, eventually patenting her jumpers and selling them farther afield. Today, Susan's jolly little harnesses are no longer made out of diapers, springs, and axe handles, but they are all hard at work freeing the arms and saving the backs of countless grateful parents around the world

Source - The Globe and Mail
(Atlantic Edition) March 25, 2017

Gary Murphy VA1GGM of Dartmouth is the new contact person for CANWARN.

Email: garygmurphy@gmail.com

The Maritime Net Control Manager is Peter (VE1PJS)

time on the Club Remote Radio, then send an email to our Station Manager, Brian at 902-489-4656 or basailor@eastlink.ca or to our Club Website Manager, Brandon, VE1BMF, at bmfowler95@gmail.com and they will make your booking.

Minutes (Continued from page 7)

and will reorganize the Surplus Sale. The list of items will be re-posted on the website once he returns from the North and it is likely that the next meeting will be a social evening. Proposal to have a swap shop style meeting, club equipment will be for sale plus people can bring their own equipment and swap away. Rule: if you bring it and don't swap it, you have to take it away.

10. New Business

I. New Website

Website was done by Michael Leblanc VE1LEB and now being maintained by Brandon Fowler VE1BMF. Same information in a new format. Let Brandon know if you see a mistake or would like a change made.

II. Social Media Policy

The Club has FaceBook, Instagram, Twitter accounts. The Club needs to develop social media policy. We have examples from other organizations and in development. Let Jeremy VE1HJF, Amanda, Jayne, Ian VE1IGP, Pat VE1PK know if you have any input.

11. Round Table

Bill VE1MR - is the NSARA club representative and asking for people to join a one-year membership from the month. The cost is \$10 and it lasts for one year from the month that you purchase the membership. The NSARA provides repeater sites in provincial radio sites and the biggest cost is insurance to be in those sites. They are also involved with the Nova Scotia license plate assignment to

amateur radio operators.

Fred Archibald VE1FA repaired Brit Fader's original receiver. Please do not touch unless you know what you're doing!

Ian VE1IGP expressed that check ins are low on the Take15 Net and suggested that maybe we should make some adjustments. Should we link up repeaters instead of keeping it only to VE1PSR? Should we change the time the net takes place?

50/50 Draw \$33.50 was lucky winner Tim VA1TIM

12. Adjournment

Howard VE1DHD

Respectfully submitted by HARC Secretary, Aaron Bradley, VA1ARN

The HARC maintains a stock of **Anderson Powerpole connectors** for sale.

Contact Tom Caithness, VE1GTC, by E-mail at tom.caithness@ns.sympatico.ca for current pricing and to order. (A complete mating pair is 2 connectors.)

Wiring instructions can be found in the 2012 Maritime Provinces Callbook



Here is a picture of Dick, VE1AI, earning his "QLF" Certificate at the Dayton Hamvention. QLF means please send CW Then 'change to your "left foot".

You earned the certificate by being able to send "CQ de (and your call sign)" correctly, using your left foot.

When I asked, Dick estimated his transmit speed at about 2 wpm and agreed that giggling by the photographer caused the blurring you see in the picture.

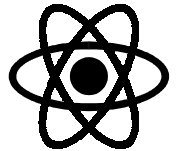
University researchers have discovered the heaviest element yet known to science. The new element,

Governmentium (symbol=Gv), has one

neutron, 25 assistant neutrons, 88 deputy neutrons and 198 assistant-deputy neutrons, giving it an atomic mass of 312. These 312 particles are held together by forces called morons, which are surrounded by vast quantities of lepton-like particles called pillocks. Since Governmentium has no electrons, it is inert. However, it can be detected, because it impedes every reaction with which it comes into contact. A tiny amount of Governmentium can cause a reaction that would normally take less than a second, to take from 4 days to 4 years to complete. Governmentium has a normal half-life of 2 to 6 years. It does not decay, but instead undergoes a reorganisation in which a portion of the assistant neutrons and deputy neutrons exchange places.

In fact, Governmentium's mass will actually increase over time, since each reorganisation will cause more morons to become neutrons, forming isodopes.

This characteristic of moron promotion leads some scientists to believe that Governmentium is formed whenever morons reach a critical concentration. This hypothetical quantity is referred to as a critical morass. When catalysed with money, Governmentium becomes Administratium (symbol=Ad), an element that radiates just as much energy as Governmentium, since it has half as many pillocks but twice as many morons.



HALIFAX AMATEUR RADIO CLUB MEMBERSHIP - For 2018

☐ 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)

☐ 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 and Telephone# _____.

Fees: ☐ Full Member, must be a licensed Amateur (\$30.00) ☐ Associate member (Non-Voting) (\$20.00)

☐ Family membership: \$30.00 for first member + \$20.00 each additional. Amount submitted \$_____.

Please Note: the HARC membership year runs from January 1 to December 31.

Mail to: Membership Chair Jim Calvesbert, VE1PPA

Halifax Amateur Radio Club

P.O. Box 8895

Halifax, N.S. B3K 5M5

Please fill in method of Payment: (Cheque or Cash or Interac e-transfer)

.....
...If you are using Interac e-transfer to pay, please follow the instructions on the Membership page (reproduced below) for emailing this

Are you currently a RAC member?

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

Procedure for Paying HARC Membership Dues by electronic money transfer:

Since fewer and fewer of our members use cheques, it is becoming more difficult for some to pay their HARC dues, requiring that they come to a meeting and pay with cash. That is fine for some but for others who are for what ever reason unable to attend meetings it is a problem. However, we now have a system set up to allow HARC members to pay their 2016 membership dues using electronic money transfer. The procedure to use is as follows:

1) Send an email to Jim Calvesbert, VE1PPA, our Membership Chair'man at jim.calvesbert@gmail.com and cc: Jim Guilford our Treasurer at jimguilford@gmail.com... with either a scanned or photo of your 2018 Membership Application Form; or, if there are no changes, simply email with your full name and callsign saying no changes; ALSO indicate that you are paying by e-money transfer.

2) Go to your on-line banking site and send an e-money transfer to our Treasurer (Jim Guilford) jimguilford@gmail.com. Be sure to include in that email the security question that Jim will need to then make an electronic transfer into our HARC bank account.

3) Once Jim Guilford receives the money and has deposited it to the HARC account, he will confirm with you by email and he will cc: to Jim Calvesbert.

4) Jim Calvesbert will then issue a 2018 e-Membership Card (by email) confirming that your 2018 membership has been paid.

Advice from A Wise Old Man... "Words that soak into your ears are whispered... not yelled."