



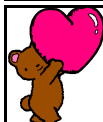
The Halifax Amateur Radio Club

REFLECTOR

PO BOX 663
HALIFAX NS
B3J 2T3

February 2010, Volume 71 Number 2

club web site is www.halifax-arc.org



**Have You Renewed Your HARC
Membership for 2010? See form on p.10**



HARC Club Station phone number - 490-6421

Executive

| | | |
|--|----------|--------------------------|
| President - Murray MacDonald, VE1MMD | 826-7831 | twomacds@ns.sympatico.ca |
| First V.P. - Bill Elliott, VE1MR | 865-8567 | ve1mr@rac.ca |
| 2nd V.P. - Sheldon Page, VE1SJP | | sheldon.page@gmail.com |
| Secretary - Howard Dickson, VE1DHD | 823-2024 | dhickson@eastlink.ca |
| Treasurer - Keith Landra, VE1STN | | |
| Director-at-Large: - Don Trotter, VE1DTR | | ve1dtr@rac.ca |
| Club Station Mgr. - Phil Bently, VE1PB | | pbently@hfx.eastlink.ca |
| Past President - Dick Grantham, VE1AI | 434-8046 | ve1ai@rac.ca |

Committees/Offices/Prime Contacts

| | | |
|--|----------|-------------------------------|
| Government liaison - Murray MacDonald, VE1MMD | 876-0661 | twomacds@ns.sympatico.ca |
| 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 | ve1ent@rac.ca |
| Reflector Dist. - Sheldon Hartling, VE1GPY | | hartling@netpathinc.com |
| Membership - Sheldon Hartling, VE1GPY | | hartling@netpathinc.com |
| Web page - Frank Smith | | frankiansmith@gmail.com |
| Basic ham course - Barry Diggins, VE1TRI | 861-3719 | ve1tri@rac.ca |
| 2010 Flea market Chair - Tom Gaum, VE1BMJ | 445-8103 | tgaum2@ns.sympatico.ca |
| Field Day coordinator - Brain Allan, VE1AZV | 489-4656 | basailor@eastlink.ca |
| Safety Officer - Terry Bigelow, VE1TRB | | ve1trb@eastlink.ca |
| NSARA Director - Barry Diggins, VE1TRI | 861-3719 | ve1tri@rac.ca |
| Honorary Legal Counsel - Paul Radford, VE1ARH | | |

Non Club Contacts

| | | |
|--|----------------|------------------------|
| RAC Atlantic Director - Len Morgan, VE9MY | (506) 847-5656 | lmorgan@nbnet.nb.ca |
| RAC Section Manager - Jim Langille, VE1JBL | (902) 667-1485 | ve1jbl@ns.sympatico.ca |
| RAC Assistant Director for HRM Scott Wood, VE1QD | 823-2761 | ve1qd@rac.ca |

Take-15 Net Controllers

NOTE: There have been some changes.

If you cannot take the net on your particular evening get in touch with one of the others and trade places with them. If I have left any one off the list, **or you want to join**, please let Bill Elliott, VE1MR, know.



| | | | |
|-------|----|-------|--------|
| Feb. | 21 | Bruce | VE1MLW |
| Feb. | 28 | Win | VE1WIN |
| March | 7 | Doug | VE1LDL |
| March | 14 | Bruce | VE1MLW |
| March | 21 | Win | VE1WIN |

Silent Key

VE1GAB, George Barbour, Dartmouth NS.

George was a long standing member of the HARC

Tools Explained:

BAND SAW: A large stationary power saw primarily used by most shops to cut good aluminum sheet into smaller pieces that more easily fit into the trash can after you cut on the inside of the line instead of the outside edge.

The Monthly General Meeting of the Halifax Amateur Radio Club will take place Wednesday, February 17, 2010 at 1930 hours (7:30 PM) in the club rooms in the **Saint Andrews Recreation Center**.

Our speaker will be Fred Archibald, VE1FA. His talk will be called "Ultimate Dx-ing"

Guests are welcome.

Are you up to date with your HARC membership dues?

Yearly rates are as follows:

Full = \$25 Associate = \$15

Family (2 members) = \$35 + \$10 for each additional family member at same address (only 1 newsletter) For your convenience there is a membership form on page 10

The **NSARA Contest** takes place each year on the second Sunday in March. That's March 14, 2010

Deadline for submissions to the March Reflector is Saturday, March 6, 2010

GENERAL INFORMATION



Sunday evenings:

EMO Net: **CANCELLED** for summer

TAKE-15 NET at 8:30 PM on 147.270 + (VE1PSR/VHF)

CLUB REPEATERS:

VE1PSR/VHF - 147.270 MHz +

VE1PSR/UHF - 444.350 MHz +

VE1PSR/6M - 53.550 MHz -

access tone 151.4 Hz

VE1HNS - 146.940 MHz -

PACKET: VE1NSD 145.050 MHz

LAN NODE

Events for Your Calendar

Feb.22 – Guides on the Air, TDOTA

The **2010 Ham Radio Breakfast** will be on Saturday February 27th at the Steak and Stein Restaurant on Young Street in Halifax.

March 14 – **the NSARA Contest** – Promoting Amateur Radio in Nova Scotia. The contest will run for eight hours: in 2 four hour sessions. The Morning Session will begin at 8 AM local time and will run for FOUR hours until 12PM local time. The Afternoon Session will begin at 2PM local time and will run for FOUR hours until 6PM local time. See <http://nsara.ve1cfy.net/nsaracst.htm> for full information.

May 15 - Downeast Flea Market

May 30 – MS Walk

June 26 & 27 – Field Day 2010

July – Museum Ships Special Event

July 24 – 25- IOTA

MS Bike Tour Windsor to Wolfville July 24 & 25. Contact Rick Gardner, VE1RGG, to help with communications

July & August – Pizza Nights

August 6&7- DX forum; see pages 5 & 8 for more information
RAC AGM

Northern Lights

August – International Lighthouse & Lightship Weekend

For more information see

<http://www.lighthouse.fsnet.co.uk/events/intlighthouseday.html>

October – Greenwood Flea Market

Contact Helen Archibald, VA1YL, for information about helping this **February** with **GOTA** (Guides on the Air). Helen is the CLARA (Canadian Ladies Amateur Radio Association) coordinator for GOTA for all of Canada.

It's that time again

Our new Membership Chairman Sheldon, VE1GPY will be pleased to accept your 2010 HARC membership dues, give you your 2010 membership card and verify that your info is correct for contact & for Reflector delivery. -ed

“As of Jan.22/10 the membership database showed: that we are looking for 2010 renewals from 18 associate members and 104 full time members. If you are a fan of statistics, 70% of our membership has yet to renew.”

73 de VE1GPY, Sheldon!

HRM Volunteer Services is offering a series of volunteer workshops this spring. The workshops are intended for volunteers and are free to attend.

To register, call 490-4309 or email hrmvolunteerservices@halifax.ca

Queens County Amateur Radio Club Executive for 2010 is:

President - Brian Hatt, VE1BEH
V.P.. - Bill McKnight, VE1WMC
Treasurer Barry Whynot VE1BAW
No secretary was elected.

Silent Key

Vernon Clive Bonvie, VE1YP
New Glasgow, NS

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

Tutorials and More

The club would like to know what you the members would like to see in the way of tutorials or meeting speakers.

The club has members with a wide range of expertise in technical, operating and other facets of Amateur Radio. Some suggestions follow but you are not limited to these ideas, they are ideas only. Please pass any ideas or thoughts on to the executive, preferably in an e-mail.

Operating:

General operating

Get the most out of your receiver

HF contesting

Tips on DX'ing

UHF/VHF operating

VHF/UHF contesting.

Satellite operation

Certificate hunting

QSLing - the art

Specific modes:

RTTY

Digital

APRS

Packet

Software useful to Amateur Radio:

Logging programs - specific ones

Station control

Other

Hardware:

General soldering techniques

Putting connectors on coax.

Types and uses of feed lines

Building simple dipoles

Building beam antennas

Kits - radios and accessories

Test gear - what and how to use:

Multimeters

Audio and RF signal generators

Antenna analysers

SWR meters and watt meters

Depending on what interest is shown or perhaps other suggestions will determine what we put the effort into presenting.

A conclusion is the place where you got tired of thinking.

NEW LOOK TO HARC WEB SITE – www.halifax-arc.org

If you have not looked at the web site lately you may want to have a peek at the new look – the new web site was rolled out Sunday Feb. 7, 2010

PRESIDENT'S MESSAGE February**A NEW DIRECTION???**

It is no secret that I have not been a strong supporter of the Radio Amateurs of Canada (RAC). For a number of years it appeared that RAC had been mired in its own self-importance and it seemed to surround itself in secrecy and let the membership be dammed. On more than one occasion I had requested basic information, which should have been made public to members only to either be ignored or told the information, was not available. (The information sought concerned the number of members in RAC). The election of Dave Goodwin seemed to breath a breath of fresh air into the organization only to have him replaced shortly thereafter. Recently, RAC has elected a new President and although maybe a little short on amateur radio experience, he certainly brings a strong business background to the position.

I am expecting new and exciting things out of RAC and I guess we can only wait and see. I would suggest that RAC deserves a chance and would recommend that amateurs get behind the new executive and be prepared to support them. For years, Canadian hams have sought a new direction from RAC and with the new executive; I would expect positive change to be on the way.

As of a year ago, I would be hesitant to even suggest that Canadian hams join their national organization. Now, let's give them a chance. We asked for change, we have it, now it is up to the rank and file.

HARC is honoured to be hosting the RAC AGM this August and would encourage hams to join RAC and to attend the AGM. Let the RAC executive know what you want and what you expect.

If you still hesitant about joining the RAC, remember that your membership brings you a first class magazine and access to the outgoing QSL bureau. With the price of stamps continuing to skyrocket, the membership cost will easily be recovered if you send out many QSL cards.

73, Murray, VE1MMD

HARC Teams Ace IOTA Contest

The IOTA (Islands On The Air) Contest is a 24 hour contest, held during the last full weekend of July, each year. The trophies for the 2008 contest were just sent out.

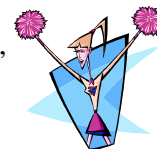
I am pleased to report that two teams from HARC, aced the contest. The two teams, one headed by Dick VE1AI, with Gary, VE1RGB and Alan, VE1AWP; the other team was lead by Fred, VE1FA, with Helen, VA1YL; Bill, VE1MR; Howard, VE1DHD; Rich, VE1CHP; Al, VO1NO; Lowell Sweet, VY2OX; Lynn, VE1ENT & Jeremy. Each team won trophies for First Place in North America, for expeditions, in BOTH the LOW POWER and HIGH POWER categories, respectively.

For two teams from the same club to capture these awards in certainly unusual, and another international feather in our ever growing HARC cap.

My team went to the Lahave Islands, south of Bridgewater. Fred's team went to Bon Portage Island off the South Shore. Conditions were very poor so everyone had to work twice as hard to make a good score.

This is yet another great example of the team spirit, skill and enthusiasm that exists within HARC.

Richard (Dick) Grantham, VE1AI

**Who are the 2010 RAC Executive?**

Excerpts from Jan/Feb TCA courtesy of David, VE1NN

Resigned (or not voted back in):

Bob Cooke, VE3BDB: Past President
Ronald Vandenbu, VE3REV -

was Treasurer

Lynda Friars, VE9GLF -

was Corporate Secretary

Geoff Smith - Director Ontario South

Noel Marcil - Director Quebec

New People & Incumbants:

President – Geoff Bawden VE4BAW

(experience as Prov. Civil Servant
at deputy minister level)

Secretary – Paul Burggraaf, VO1PRB

(new)

Treasurer – Marg Tidman, VA3VXN

(new)

1st VP Ian MacFarquar, VE9IM

(incumbant)

VP Field Services – VO1DTM

VP Int. Affairs – Daniel Lamoroux -

(incumbant)

VP Regulatory Affairs – Rich Firth -

(incumbant)

There is an annual contest at Texas A&M University calling for the most appropriate definition of a contemporary term.

2009's term was

"Political Correctness."

The winner wrote:

"Political correctness is a doctrine, fostered by a delusional, illogical minority, and rabidly promoted by an unscrupulous mainstream media, which holds forth the proposition that it is entirely possible to pick up a turd by the clean end."

Early Canadian radio clubs:

The St. Maurice Valley Amateur Radio Association was formed in the early 1920's .

Source – From Spark to Space

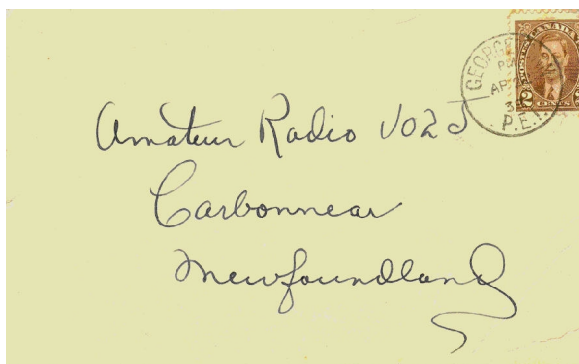
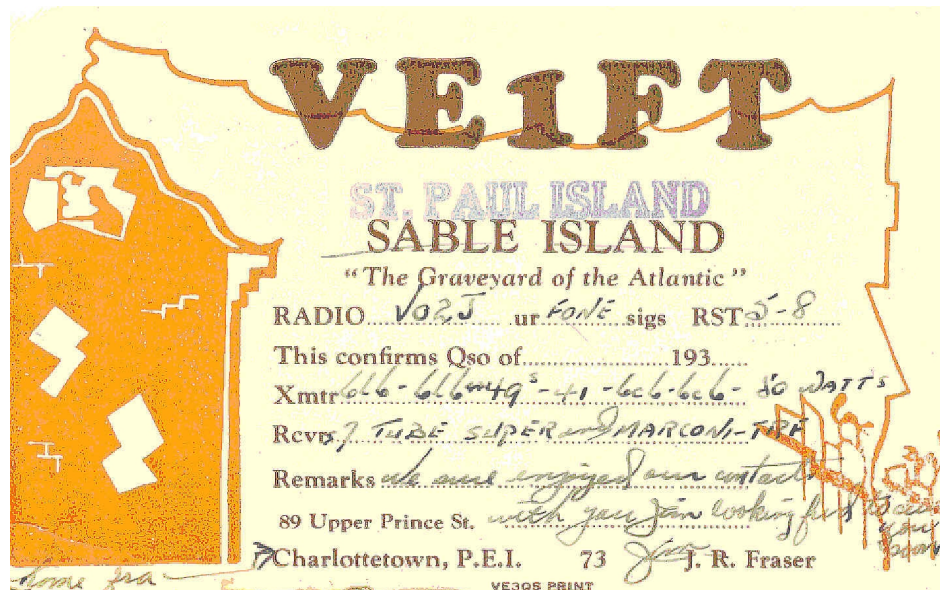
RAC's web site is at **www.rac.ca**

Our Newfoundland Neighbour

President Murray, VE1MMD, handed me some interesting history at our monthly meeting on January 20, 2010 that he had received from Frank Davis VO1HP/VO1TTY. Our Newfoundland neighbour was assigned the digit 8 as a prefix to their amateur radio call signs way back at the beginning. Jim Moore, 8AW, from Carbonear was one of the first three 8 stations heard in this area in 1924. When amateur radio stations received the international prefix of the various nations that went in effect on January 1st, 1929, Newfoundland simply assigned their VO international prefix to their 8 amateur stations. Art Grant, VE1EP, was a very active HARC member and served as president in 1935. Jim, VO8AW, was Art's first DX QSO in 1932. On January 1st, 1935 Newfoundland amateur stations were divided up into six different areas with call signs VO1A to VO6Z inclusive. Each call sign had a one letter suffix only. Jim Moore became VO2J from this change.

Jim Fraser, VE1FT, and Jim Moore, VO2J, must have been good friends. They made so many contacts that one will note he did not record a date on his QSL card for contacts made while he operated St. Paul, VGS, and Sable Island, VGF, from 1937, 1938 and 1939. It cost two cents only to mail the card but as they used to say a penny saved is a penny earned or something to that effect. One wonders where the card would wind up today if they put that address on it.

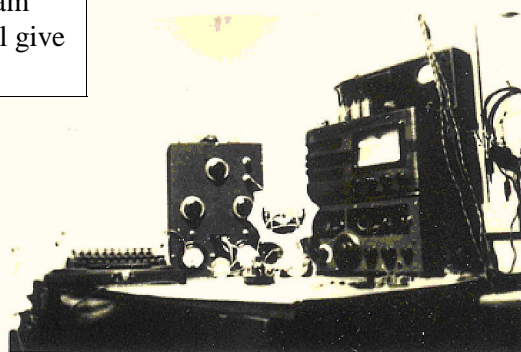
Spud, VE1BC



On April 1st, 1957, eight years to the day after Canada joined Newfoundland, Newfoundland assigned her present amateur radio prefixes; VO1 – Newfoundland and VO2 – Labrador. Jim Moore became VO1BY from this change.

Jim Fraser, VE1FT, stated this was a poor snap of the ham shack on St. Paul but will give you an idea.

These illustrations are courtesy of the Estate of the late Jim Moore VO1BY, VO2J, VO8AW and 8AW. Jim became a silent key in 1990.



Do you have a radio-related story, question, answer, article, notice, picture or letter to the editor that you would like to share by having it published in the HARC Reflector? Get them to HARC Reflector editor, Lynn Bowser, VE1ENT ve1ent@rac.ca

Only Irish coffee provides in a single glass all four essential food groups: alcohol, caffeine, sugar and fat. -- Alex Levine

Editor's Note: Before I met Spud, VE1BC, I had never heard "Spurgeon" as a given name, nor met a Roscoe. Spud explains ...

"VE1BC's name is a combination of two surnames from the area of Essex, England. **Spurgeon**; believed from the Old Norse word meaning Sparrow. **Roscoe**; believed from the Old Norse word meaning from the deer forest. Spud's Yukon First Nation friends tell him Forest Sparrow is better than Walking Eagle. They reserve that for those too full of crap to fly. There are those who are not that sure."

SEVENTH MARITIME DX FORUM

Halifax, Nova Scotia 6 - 7 August 2010

The Halifax Amateur Radio Club (HARC) invites DXers, contesters and HF enthusiasts to the 2010 Maritime DX Forum. This year, as part of the MDF weekend, we are also hosting the Annual General Meeting of Radio Amateurs of Canada (RAC). It begins at 2:30 PM on Friday, 6 August and will be followed at 5:30 PM by a reception, BBQ dinner and a bluegrass concert. The MDF program on Saturday, 7 August, will run from 8:30 AM - 4:45 PM and be followed by a reception and the MDF banquet.

The Maritime Contest Club is our partner in making the annual MDF happen.

Location: The MDF will be held in the Rosaria Centre of Mount St. Vincent University on Seton Road, the entrance to MSVU off the Bedford Highway. Please Google Mount St. Vincent University Location to see a map.

Our speakers are active and outstanding members of our global ham radio community and include:

- MARTTI LAINE, OH2BH – Espoo, Finland
- TIM DUFFY, K3LR – West Middlesex, Pennsylvania
- DICK FREY, K4XU – Bend, Oregon
- TIM ELLAM, VE6SH – Calgary, Alberta
- A MEMBER OF A RECENT DXPEDITION

Program: Again this year the MDF features a group of world-class speakers. Themes will cover new initiatives from Europe to spark the further development of ham radio; how contesting plays a role in advancing our hobby; technical advances in solid state amplifier technology; an exciting story of a major DXpedition; and an exploration of the International Amateur Radio Union (IARU), an important mechanism for the governance of amateur radio.

A unique aspect of this year's MDF is the inclusion of the Annual General Meeting of Radio Amateurs of Canada. This promises to be a meeting of particular importance to Canadian amateurs, but it will also be of interest to those coming from other countries.

The social side of the weekend starts out with a BBQ dinner and bluegrass concert on Friday night. During the weekend, there will be ample time to talk with each of our program presenters and to each other; first, at the reception, dinner and party on Friday night and then during the coffee breaks, lunch and DX banquet reception on Saturday. Non-ham spouses will enjoy the evening events. A city tour on Saturday for non-ham spouses will be available. Moreover, post-MDF tours to Peggy's Cove outside Halifax and to Prince Edward Island are being developed for attendees by TayMac Tours.

The details will be announced soon.

John Scott, VE1JS, a volunteer ARRL QSL card checker,

will be on hand to confirm credits for DXCC, WAS and VUCC awards.

Cost and Registration: The costs of the various events:

- RAC AGM – no cost;
- Friday's BBQ and bluegrass social - \$25;
- Saturday's Maritime DX Forum - \$60;
- MDF banquet - \$35.

A registration form and instructions can be downloaded from www.halifax-arc.org The MDF Chair, K. Scott Wood, VE1QD, will gladly answer any questions you may have. He can be contacted at: ve1qd@rac.ca or at (902) 823-2761.

Maritime DX Forum Fund: To help augment the costs of operating and developing the MDF, we annually solicit donations. This money provides travel support for speakers when needed and covers some development costs. See details about the Fund on page 8.

Accommodations: For those wishing inexpensive lodging, Mount St. Vincent University has comfortable dormitory rooms with a shared bath (price TBD) and one bedroom apartments with bath (price TBD). The price includes tax, breakfast and parking. Reservations can be made with Patricia Drake: telephone (902) 457-6355 or e-mail: patricia.drake@msvu.ca.

Tourism Opportunities: Why not plan your summer vacation around a trip to the Maritimes. Visit historic Halifax. Take a boat trip around Halifax Harbour. Tour the Nova Scotia mainland and Cape Breton Island. Visit the Alexander Graham Bell museum in Baddeck. Hop the ferry or take a drive on the Confederation Bridge and visit our island province - PEI. AND of course, take in the Maritime DX Forum on August 6th and 7th at Mount St. Vincent University. If you wish tourism information for the Maritime Provinces, please note this on your registration form and a package will be mailed to you.

IMPORTANT NOTICE: Beginning in June 1, 2009 a passport or enhanced drivers license/enhanced identification card has been required to cross into the USA. Thus returning Americans require this new level of documentation. Ensure you have the right ID!

Finally. Please let your ham radio friends know about the Maritime DX Forum. They can obtain registration materials either from this website. Any questions you may have will be gladly answered by K. Scott Wood, VE1QD and Chair of the MDF. He can be contacted at: ve1qd@rac.ca or at (902) 823-2761.

WELCOME TO HALIFAX IN AUGUST 2010!

K. SCOTT WOOD, VE1QD

The things that come to those that wait, may be the things left by those who got there first.

Halifax Amateur Radio Club Minutes of the General Meeting of January 20, 2010

President Murray MacDonald, VE1MMD, opened the meeting at 1932 hours.

Murray MacDonald reported silent key Charles MacEachern, VE1MCR. Brian Allen, VE1AZV, read the obituary.

Agenda:: Motion – THAT the agenda with one addition be adopted as distributed.

Moved by Don, VE1DTR. Seconded by Doug, VE1LDL. Motion carried.

Guests in attendance were new hams Keith, VE1STN, Sheldon, VE1GPY, and Brandon, VA1BSD. The members introduced themselves.

Minutes:: Motion – THAT the minutes of the June, 2009 general meeting be accepted as published in the September Reflector. Moved by Bill, VE1MR. Seconded by Tom, VE1TA. Motion carried.

Motion – THAT the minutes of the October, 2009 general meeting be accepted as published in the November Reflector. Moved by Bruce, VE1MLW. Seconded by Doug, VE1LDL. Motion Carried.

No Executive recommendations reported.

Treasurer's Report: Fraser, VE1WO's report to the executive showed expenses of \$318.08 and income of \$106.96. (report attached to the January 6, 2010 Executive Minutes). Petty cash is \$5.11 and the total bank balance is \$10,927.55.

Motion: THAT the Treasurer's Report be accepted as documented. Moved by Fraser, VE1WO. Seconded by Don, VE1DTR. Motion carried.

Exec Reports:

President: Murray, VE1MMD, stated he received a letter from Tara Legge, Community Facility Service Delivery Coordinator, Halifax Regional Municipality, to say that capital funding for an elevator in the St. Andrew's Centre has not been included in this

year's Capital Project List (letter attached).

Murray also pointed out that we will be receiving some very nice furniture from Barry Manuel of EMO. This furniture will be delivered to the club.

Murray also pointed out that, because EMO pays our rent for the club rooms, the club has agreed to allow EMO to use our facilities for their meeting which takes place the second Wednesday of every month.

Committee Reports:

Membership: Howard, VE1DHD reported. The contents of his report are included in the e-mail from him dated January 20, 2010, attached.

Maritime DX Forum (MDF): Scott, VE1QD, reported that 80% of the planning for this event is now complete. Scott asked that everyone mark their calendars for this event, which will be held on August 6 and 7. The RAC AGM will be held at this time as well

Basic Course: Barry, VE1TRI, reported that 14 people wrote the exam on December 12 and that 12 passed. Two more will write this weekend.

Advanced Course: Howard, VE1DHD, reported on behalf of Tom, VE1GTC. Six members have met once and will meet tomorrow at Jeff's. The course is underway. Jeff has purchased CDs from Radio Canada for the advanced course. The first week was an overview of basic theory. It is not too late for members to join if wished.

QSL Bureau: Tom, VE1GTC gave his report, a copy of which is attached.

EMO – Dave George, VE1AJP, reported that on the CNN webpage there is an article about the role of amateur radio in the recovery after the Haiti earthquake. Dave recommended that everyone read the article.

SAR – Dave George, VE1AJP, reported that search and rescue was

involved in the recent search for a little autistic boy in Cape Breton. As a matter of fact, our team found the boy and Dave reports that our communication system worked better than anyone else's during this search. The boy received great medical care but unfortunately it was too late and the boy passed away.

Old Business:

FT1000 – Brian, VE1AZV, stated the FT1000 will be returned to us shortly.

Trailer – Fraser, VE1WO reported that there was grant money left that needed to be used or would have to be returned so supplies for the trailer were purchased with this money. Fraser estimated that about 75% of the necessary materials were purchased.

New Business:

Presentations: Bill, VE1MR, gave out awards. The 2008 IOTA prize was won by Dick Grantham's (VE1AI) team and the DXpedition 1st prize went to Bill, VE1MR's team. It was suggested that the club should get all the members of these two teams together for a picture which then could be published.

Club apparel – Murray, VE1MMD, advised that the company requires a 50% deposit, so members who wish to order jackets must get their deposits in no later than this coming Friday.

Tube Bank – Tom, VE1BMJ, reported that the tube bank contains a nice selection of tubes. There are some that should be sold and the money could be put into the club coffers. Some should be kept because they could be useful to club members. Some are very old and probably should be donated to a museum or displayed somehow by the club. The tubes are pretty much all sorted. Tom could use help with cataloguing and storing them. The tubes will be available at the Flea Market.

Flea Market: - Tom, VE1BMJ, reported that the Flea Market will be

(Continued on page 7)

The NSARA CONTEST

DATE: March 14, 2010

HOURS: Eight hours: in two four hour sessions.

The Morning Session from 8:00 AM until 12:00 PM local time.

The Afternoon Session from 2:00 PM until 6:00 PM local time

OPERATING BAND: All contacts for contest credit will take place on the 80 meter band, PHONE and CW sections.

OPERATORS: Single transmitter but no restrictions on operators. SINGLE OP. or MULTI OP. permitted. FIELD DAY type portable operations to rare counties are encouraged, especially if BASIC ops. are involved.

SCORING: One point per completed contact on PHONE -Two points per completed contact on CW. The SAME station can be logged once on PHONE and once on CW.

MULTIPLIERS: The 18 Counties of Nova Scotia will count as multipliers Any ham from anywhere can take part, but only Nova Scotia Counties will count as multipliers. Each county can only be counted once, even if worked on both modes.

EXCHANGE: The exchange will be: CALL, SIGNAL REPORT, and COUNTY, with Nova Scotia stations. Non Nova Scotia stations contacting each other will exchange only call and signal report.

LOGGING: A separate log sheet should be kept for PHONE contacts as well as separate sheet for any CW contacts. The logs must clearly indicate whether the contact is PHONE or CW. Official log form is available via

<http://nsara.ve1cfy.net/nsaracst.htm>.

The log must show:

- STATION WORKED
- TIME of contact (UTC or local),
- SIGNAL REPORT (usually 5x9 or 599),
- COUNTY, if the contact is with a NS station.

CERTIFICATES: Anyone who makes 25 or more contacts in the contest (regardless of score), and submits a log, will receive a "Participation Certificate". Stations making contacts with all 18 NS counties will have "Clean Sweep" indicated on their certificates, and they will also qualify for the NSARA WORKED ALL NOVA SCOTIA COUNTIES AWARD (WANSC) without QSL card submission.

Contest entrants will have ONE MONTH to submit logs after the contest.

The contest committee, composed of NSARA Directors, will make the final decision in all matters regarding this contest.

WINNER: The winner will receive a framed certificate, as well as having his/her photo in TCA and on the NSARA web page and local media etc.

Nova Scotia County List for use with THE NSARA CONTEST

ANNAPOLIS, ANTIGONISH, CAPE BRETON, COLCHESTER, CUMBERLAND, DIGBY, GUYSBOROUGH, HALIFAX, HANTS INVERNESS KINGS, LUNENBURG, PICTOU, QUEENS, RICHMOND, SHELburne, VICTORIA, YARMOUTH

Some counties have a large number of Amateurs, while others have only one or two active hams. Guysborough has only one active ham capable of operating on HF. Richmond county also has only one active ham on HF. So, if you hope to make a "Clean Sweep" in the contest, you must grab a contact quickly if you hear either of the above mentioned counties.

The contest committee encourages Clubs or other groups of hams, to do a "Field Day" type of operation during the contest. There are no contest restrictions on who can operate from one call, so a MULTI SINGLE type of operation is encouraged, especially if BASIC level hams are involved. This contest type experience may encourage them to pass the 5 word code level requirement.

Send NSARA Contest Logs, before April 14, 2010 to:

NSARA Contest
C/O Peter J Surette (VE1PJS)
55 Edgewood Drive
Truro, NS B2N 1P1

Or email logs to
Peter, (VE1PJS)
ve1pjs@rac.ca

Official Log Form is available on the NSARA website

Go to <http://nsara.ve1cfy.net/>

January Minutes (Continued from page 6)

held on May 15 in the same place. Two of the suppliers are not coming but a third might be willing to send goods to be sold on consignment. Tom feels that the Flea Market should be expanded into more of a Hamfest to attract more people to come. Broader advertising should be done. A working station should be available at the Flea Market so people attending could try it out. Tom needs lots of help with this and asks that people let him know if they are able to lend a hand.

50/50 Draw - \$19 was won by Brian, VE1AZV.

Door prize – Won by Graham, VE1GCO.

There being no further business, Doug VE1LDL, moved the meeting be adjourned at 2020 hours. Seconded by Tom, VE1TA.

Respectfully submitted,
Betty Caithness, VE1BSW, Acting Secretary

Words with two Meanings

THINGY (thing-ee) n.

Female: Any part under a car's hood.

Male: The strap fastener on a woman's bra.



From the Mail Bag

(... trip to VE1BO) Today January 31, 2010. I got up around 6 am and prepared for the trip. I went to John Brown's VE1CZC in New Germany and arrived there 8:15. We Loaded the Snowmobile on John's truck along with my gear. John invited his neighbour and snowmobile buddy 81 year old Garth. We helped load his snowmobile on his truck and off we went. Upon arrival I found they had repaired the lock on the gate and changed the lock or it would not open. We just held up the chain and drove under.

It was a lovely day blue skies and some cloud. I inspected the controller to find the power switch on the controller off and the battery switch on. This would explain why the repeater worked for a short time until the battery died. I turned it back on, reset and had Brian VE1RCF do some off site link testing. He found he was unable to link while on the Repeater but was fine on the network side. I gave Brad VE1ZX a call and confirmed all was well to UHF wise to VE1SPR

I removed the controller and adjusted the Tone level. I then tested with my portable and also got a test from Eric VE1CFY mobile near his house. All was well. I re-installed the controller.

John and Garth took a walk up the fire tower to get a great view. Garth took some photos from up the top. I will see about getting those.

I would like to thank all who helped today and especially John Brown VE1CZC.

73 Tom Cohoon VE1TA

Donating to the Maritime DX Forum Fund

Background. The Maritime DX Forum (MDF) began in 2004 with a meeting of 20 people in the front room of Scott Wood's (VE1QD) home on St. Margaret's Bay. It has grown steadily both in the numbers attending, and in the breadth and depth of the programming. For the first three years we were able to put together an excellent program without incurring many expenses. For example, we were just plain lucky to locate top notch speakers who did not require travel support.

In 2007 we reached the point in the MDF's development that in order to continue growing and offering a world class program, we needed to cover some speaker travel expenses. It was recognized, moreover, that some financial resources were required to develop and try new, innovative programming. Thus beginning in 2007 funding of the MDF has been augmented by donations. This also has helped us to keep the cost of annual MDF event affordable for the majority of the ham radio community.

Maritime DX Forum Fund. Established in 2007, *The Fund* is designed to manage financial donations for the purpose of developing MDF program excellence. This idea was originally suggested by Garry Hammond, VE3XN, who also made the first donation of \$42 – one dollar for each year he had been a ham. We invite you to follow suite, but not necessarily to feel constrained by Garry's formula! Every dollar will help. The **form** on this Reflector's **page 10** can be used to **make a donation**. Cheques should be made out to the Halifax Amateur Radio Club (MDFF) and either mailed directly to the attention of Helen MacRae, VE1HMR, Halifax Amateur Radio Club, PO Box 663, Halifax, NS, Canada B3J 2T3 or added to your MDF Registration submission.

Administration and Accountability. The money collected will be used only for Maritime DX Forum development purposes, including, when needed, financing the cost of travel for presenters. It will be generally administered by the Halifax Amateur Radio Club, but managed on an operational basis by Scott Wood, VE1QD, Howard Dickson, VE1DHD, who will act as the treasurer, and the HARC MDF Planning Committee. A report will be issued annually following the MDF to account for the revenues and expenditures from the fund. We are investigating the possibility that a tax number can be obtained so donations will be tax deductible.

A form for donating to the Maritime DX Forum Fund is on page 10.

From John Brady, VE1WZ
Low-tech radios connect some Haitians -
CNN.com
<http://www.cnn.com/2010/TECH/01/20/haiti.amateur.radio/index.html?hpt=C1>

The real art of conversation is not only to say the right thing at the right time, but also to leave unsaid the wrong thing at the tempting moment.

Received the following URL from Brad VE1CI regarding Ham Radio and Haiti; very interesting.

<http://www.cnn.com/2010/TECH/01/20/haiti.amateur.radio/index.html?hpt=C2>

RAC requests that all Canadian Hams be aware of the emergency operations on the following frequencies:

7.045 3.720 MHz (IARU Region 2 Nets), 14.265, 7.265 and 3.977 MHz (SATERN Nets), and 14.300 MHz (Intercontinental Assistance and Traffic Net). The International Radio Emergency Support Coalition (IRESC) is also active on EchoLink node 278173.

73, John VE1ATT

The new HARC Emergency Communications Trailer is shaping up. We had to give back the space it had been taking up for months in the garage of Fraser's very generous good friend, so the trailer is now sitting protected from snow & rain by tarpaulins (and screened from the street by trees & bushes) on Lynn & Bill's lawn. These photos were taken the November day when Fraser, VE1WO and Bill, VE1MR affixed the identifying decals to the trailer. (There are a few more decals to add when weather & time permit.)

Looks pretty sharp, aye?

The trailer with its fold down, telescoping tower will, when fully equipped, house the VE1ECT VHF repeater, a 5Kw generator, backup batteries and antennas.



The New HARC
Communications Trailer

Photos by Bill, VE1MR



From the ARRL Letter, Nov.12, 2009 Amateurs Receive New Privileges

On Nov. 6, radio amateurs in Norway were granted privileges on 3 new bands, as well as primary status on the extended 40 meter band and a frequency extension on 12m. According to IARU V.P. Ole Garpestad, LA2RR, Norwegian amateurs received new secondary user privileges on 60 meters

(5.260-5.410 MHz), the 600 meter band (493-510 kHz) and in 5 blocks in the 4 meter (70 MHz) band. Amateur Radio operators in Norway will also enjoy upgraded privileges on 40m., moving from secondary to primary users between 7.100-7.200 MHz & 1000 W output. They have also received a new secondary allocation from 24.740-24.890 MHz in the 12m band, expanding upon Norway's existing primary allocation of 24.890-24.990 MHz. Garpestad said that "minor adjustments" were also made in the SHF (3-30 GHz) and EHF (30-300 GHz) portions of the band. K1ZZ. "The new domestic allocations in Norway are consistent with the present & future spectrum requirements for the Amateur Service as determined by the IARU Administrative Council." said ARRL C.E.O. David Sumner, "We hope that other administrations will consider taking similar steps."

To check road conditions before you drive
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>

A day without sunshine is like, well, night.

DONATION TO THE MARITIME DX FORUM FUND

Name: _____ Call Sign: _____

Address: _____

Telephone: _____ Email: _____

Donation: \$ _____

Cheques should be made out to the Halifax Amateur Radio Club (MDFF)

Send cheque to the Halifax Amateur Radio Club, PO Box 663, Halifax, NS, Canada B3J 2T3 attention Helen MacRae, VE1HMR, **or** add it to your MDF Registration submission.The membership year is from January 1 to December 31.All members receive the newsletter.**HALIFAX AMATEUR RADIO CLUB MEMBERSHIP - For 2010**

- ☐ 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)

Call Sign _____

First Name Initial Surname

Street Address (Mailing) _____

City/Town Province Postal Code Telephone Number

Fees: ☐ Full Member, must be a licensed Amateur (\$25.00) ☐ Associate member (Non Voting) (\$15.00)☐ Family membership (one newsletter) (\$25.00) + \$10.00 each additional person. Amount submitted \$ _____

✉ Mail to: Halifax Amateur Radio Club
 Membership Chair
 P.O. Box 663
 Halifax, NS B3J 2T3

CERT _____

CARD _____

SEC _____

ENTERED _____