



# REFLECTOR

PO BOX 663  
HALIFAX NS  
B3J 2T3

March 2010, Volume 71 Number 3

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



## Canada Won 26 medals in the 2010 Winter Olympics!!! 14 are Gold!!!



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	dhdickson@eastlink.ca
Treasurer - Keith Landra, VE1STN		tkeith.landra@yahoo.ca
Director-at-Large: - Don Trotter, VE1DTR		ve1dtr@rac.ca
Club Station Mgr. - VACANT		
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, VE1FIS		frankiansmith@gmail.com
Basic ham course - Barry Diggins, VE1TRI	861-3719	ve1tri@rac.ca
2010 Flea market Chair - Tom Gaum, VE1BMJ445-8103		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	506-696-5279	morgakl@nb.sympatico.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.

March 14	Bruce	VE1MLW
March 21	Win	VE1WIN
March 28	Doug	VE1LDL
April 4	Bruce	VE1MLW
April 11	Win	VE1WIN
April 18	Doug	VE1LDL
April 25	Bruce	VE1MLW



### Deadline for submissions to the April Reflector is Saturday, April 10, 2010

*Real-life Dilbert-comic-strip-type manager's quote from corporate America, circa 2004:*

"E-mail is not to be used to pass on information or data. It should be used only for company business."

*(Accounting manager, Electric Boat Company)*

The **Monthly General Meeting** of the Halifax Amateur Radio Club will take place Wednesday, March 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 (snow-postponed from February) will be "Ultimate Dx-ing"

Guests are welcome.

### Station Manager Needed

The position of HARC Station Manager has become vacant. An **election will be conducted during March's general meeting**. Details on page 2.

### NOTICE OF MOTIONS

**1/ To purchase of a new HF vertical antenna for the HARC**  
**2/ To replace some HARC computers.**

**Details on page 3s**

### 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*

March 14 – **the NSARA 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. For full information. see

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

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; and 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

**HELP WANTED**

The club has quite a bit of surplus gear, most of it is older, vintage, or of limited interest. The market for selling this gear locally is very limited and in order to move this gear out we are looking for some one or several people who have experience selling on Ebay. We can mostly supply descriptions, photos and approximate worth. If you are a seller on Ebay and willing to try to sell some of the club's surplus gear then we would like to hear from you. Please contact:

Fraser, VE1WO - [ve1wo@rac.ca](mailto:ve1wo@rac.ca)  
or Bill, VE1MR – [ve1mr@rac.ca](mailto:ve1mr@rac.ca)

**Downeast Flea Market  
Saturday, May 15**

Tom Gaum, VE1BMJ, is looking for volunteers in the following areas:

**TABLES** - layout and reservations - set up and teardown

**HF STATION**

- setting up station and antenna  
- operating station

**MARKETING**

-signage, brochures, etc  
-soliciting vendors and door prizes

The **Station Manager's position** at HARC has become vacant , Phil Bently, VE1PB, had to resign his position due to Family Medical issues. The Nomination Committee, Tom Caithness, VE1GTC, and Fraser Mac Dougall, VE1WO, have been looking for a replacement candidate for the position. The Following two members have agreed to let there names stand for the vacant position.

Brian Allen, VE1AZV

Wayne Harasimovitch, VE1WPH  
(See bio from Wayne on page 7)

An election will be held at the March Monthly Meeting to fill the vacant position. Any Qualified Club member who wishes to have there name added please contact Tom Caithness or Fraser Mac Dougall. They can be reached at:

Tom Caithness - 477-7081

Fraser Mac Dougall - 865-4198

**SABLE ISLAND (CY0)**

The scheduled 2009 Operation that was placed on HOLD due to family illness is proceeding with the planning for a Dxpediton in the Sept/Oct 2010 time frame. Web site will be updated as more details are available.

[WWW.CY0dxpedition.com](http://WWW.CY0dxpedition.com)

Operators include: WA4DAN, AA4VK, N0TG, AI5P.

73, Randy, N0TG

**Downeast Flea Market**

**Date:** Sat 15th May (weekend after Mothers Day - weekend before Victoria Day)

**Location:** Halifax Forum (Bingo Annex) - same as last year - corner Yonge and Windsor streets, lots of parking.

**TALK-IN:**  
147.27 +



**Times:**

Doors open for Sellers – 7 AM  
Doors open to Public - 9AM

Tables: FREE ! **BUT** .....

Reserve via [VE1NN@rac.ca](mailto:VE1NN@rac.ca)

Admission: \$4.00 per head for everybody

**ANTICIPATE:**

- a) a Friday night "social"
- b) preferential rates for a local motel/hotel
- c) breakfast at Steak & Stein before the Fleamarket, with admission tickets available at Breakfast
- d) door prizes & draws
- e) the NSARA meeting immediately following fleamarket at same venue
- f) coffee shop on site during the flea-market.



All of the above have yet to be "firmed up" and will be announced as they are arranged. There will be regular updates on the Maritime Net.

There IS NOT a new callbook this year, but copies of the latest (2008) will be available.



In summary, we anticipate everything being pretty well the same as last year.

Regards,  
David, VE1NN, Table Coordinator

Please note the corrected contact information for Len Morgan, VE9MY, Atlantic Region Director, Radio Amateurs of Canada is:  
Telephone 506-696-5279  
e-mail [morgakl@nb.sympatico.ca](mailto:morgakl@nb.sympatico.ca)  
*It's correct on page 1 now. -ed*

## 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.

## URGENT

We need feed back about tutorials and more. So far we have had only one response that I know of. I am sure there are many out there who would like to know more about some aspect of Amateur Radio, an operating mode, software, hardware or test gear. Perhaps how to do something like put a connector on or even the different types of connectors and coax cable. Let a member of the executive know what you might be interested in. I am sure there is more than just one person with questions - there are probably many members who are not sure what to ask for but at least start to ask questions and this may lead to a tutorial or workshop. Even if you think it is too simple to ask about please do.

Thanks and 73 - Bill, VE1MR

## Notice of Motion

There will be a motion to approve a budget item in excess of the \$500 one vote limit. The voting on the budget at the January meeting counts as one vote - this is the second. **Moved "That we approve up to \$1000 to replace some of the club computers."**

## HELP YOUR CLUB

We need more Take-15 Net controllers, this is not a difficult job and a good way to get some casual experience with net control. One of the services the club provides is emergency communicators for HRM EMO and communication services for various public events. A once every few months turn at the Take-15 net control will help build and maintain your experience. I would like to recruit at least 6 new net controllers. Please contact Bill, VE1MR either by Phone at 865-8567 OR E-mail at [ve1mr@rac.ca](mailto:ve1mr@rac.ca)

## Notice of Motion

There will be a motion to approve a budget item in excess of the \$500 one vote limit. The voting on the budget at the January meeting counts as one vote - this is the second. **Moved "That we approve up to \$1000 for a new HF vertical antenna."**

## Safety is important for everyone

### What to take to bed with you...

from HARC Safety Officer Terry  
VE1TRB

Put your car keys beside your bed at night

If you hear a noise outside your home or someone trying to get in your house, just press the panic button for your car. The alarm will be set off, and the horn will continue to sound until either you turn it off or the car battery dies. This tip came from a neighbourhood watch coordinator.

Next time you come home for the night and you start to put your keys away, think of this: It's a security alarm system that you probably already have and requires no installation. Test it. It will go off from almost everywhere inside your house and will keep honking until your battery runs down or until you reset it with the button on the key fob chain. It works if you park in your driveway or garage. If your car alarm goes off when someone is trying to break into your house, odds are the burglar/rapist won't stick around.

After a few seconds, all the neighbours will be looking out their windows to see who is out there and sure enough the criminal won't want that.

And remember to carry your keys while walking to your car in a parking lot. The alarm can work the same way there. This is something that should really be shared with everyone. Maybe it could save a life or a sexual abuse crime.





**Guides on the Air 2010 at the HARC Station**  
 About 20 guides with their leaders visited the HARC station on Saturday, Feb.20, to be taught a little about amateur radio by (*following the photos*) Brian, VE1AZV; Terry, VE1TRB; Tom, VE1GTC; Murray, VE1MMD; and (*not shown*) Dave, VE1DDC; and, behind the camera, Doug, VE1LDL. Before leaving the guides presented their hosts with this Certificate of Appreciation.



*Real-life Dilbert-comic-strip-type manager's quote from corporate America, circa 2004:*  
 "We know that communication is a problem, but the company is not going to discuss it with the employees."  
 (*Switching supervisor, AT&T Long Lines Division*)

The following is a list of surplus Club equipment. If you are interested in purchasing any of these items contact Fraser, VE1WO, by phone at 865-4198 or e-mail him at [ve1wo@rac.ca](mailto:ve1wo@rac.ca)

QTY	MAKE	MODEL	DESCRIPTION	TESTED	PRICE
1	ICOM	IC-751	HF-all mode , all band , mike and manuals	Yes	\$350.00
1	YAESU	FL-2100B	HF Linear Amp - 4 spare drivers	Yes	\$500.00
1	YAESU	FT-707	HF- all mode , all band , c/w FP-707 PS	Yes	\$400.00
1	KENWOOD	TM-211A	2M FM Mobile with speaker and DTMF mic	Yes	\$85.00
1	KDK	FM-2016A	2M FM Mobile	Yes	\$65.00
2	ASTATIC	D - 104	Desk Microphones	No	\$80.00
1	Am-Com	CSS-1	Clear Speech DSP speaker	Yes	\$70.00
1	MFJ	1278	TNC - Multi Mode	No	\$75.00
1	YAESU	FP-107E	Power Supply with Speaker	Yes	\$90.00
2	HYGAIN	HAM IV	Rotators ( require repair ) with control boxes	No	\$70.00 ea
2	HEATHKIT	HM-102	SWR Meters	No	\$30.00 ea
1	DME	MOD-N-2K	Antenna Matching Unit	No	\$30.00
1	YAESU	LANDLINER	Phone Patch	No	\$50.00
1	KENWOOD	SP-41	Mobile speaker	Yes	\$25
1	KENWOOD	SP-430	Desk speaker	Yes	\$45
1	Home brew		Power supply – about 10 Amp	Yes	\$40
1	C / C	2M YAGI	15 or 17 Element Long Boom Beam	Yes	\$140.00
1	KLM	KT-34XA	Tri-Band Beam C/W Shipping Box	No	\$350.00
2	Hi-GAIN	TH6-DXX	Tri_Band Beams , one req.overhaul	No	INQUIRE
		TOWERS	Club Has Several Towers for Sale	No	INQUIRE

From the ARRL Letter, Nov.19, 2009 Hints & Kinks:

**PL-259 Connector Tool for Coax Cables**

Tired of using pliers to screw on the PL-259 connectors when you are preparing cables? Pliers always seem to do some damage by the amount of force this task requires. I use an inexpensive 1/2 inch PVC female to male coupler. Simply use a step drill and ream out the female end.

This works for most half inch coaxial cables. PL-259s do vary in diameter. Be sure to measure yours before you ream out the PVC adapter. It will not take a lot of reaming for the connector to fit snugly. The outer part of the PL-259 that fits into the connector is 0.55 inch diameter. This makes a secure fit. If you wear out the adapter, purchase another, as they are inexpensive. This works for me. -- 73, Paul Marsha, K4AVU, Lexington, SC



Use a step drill and ream out the female end.

**Tools Explained:**  
**PHILLIPS SCREW-DRIVER:** *Normally used to stab the vacuum seals under lids or for opening old-style paper-and-tin oil cans and splashing oil on your shirt; but can also be used, as the name implies, to strip out Phillips screw heads.*



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

*Originally printed in the February, 2010 Reflector, the January Minutes are reprinted here for your convenience. -ed.*

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 1<sup>st</sup> 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 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

*The quality of a person's life is in direct proportion to their commitment to personal excellence no matter what their chosen endeavor."*

*-Legendary football coach  
Vince Lombardi*



### Basic Amateur Radio Licence Course 2009 Final Report

It is with good news that I can report the successful inclusion of two fine new amateurs to our ham community. They were not able to write their exam in early December but did write on a Saturday morning in late January. They were both successful and achieved good marks. The two new amateurs are Quentin Hickey VE1EQH and Eric Penney VE1ENP

Quentin is a busy contractor, fiddle player and dad to a little girl. He is a motivated new ham who has a long standing interest in the hobby. At the moment he even has a small tower up with a rotator and tri band beam. Quentin studied on his own with some support and achieved honours giving him his HF privileges. At the moment he has been monitoring the local repeaters. If you hear him please give him a shout and welcome him aboard!

Eric is a busy engineering student on work placement in Halifax. He is also taking a course while working with Emera. He happens to live in the same apartment as two other instructed students. Eric was brought up with amateur radio in his household because his father is an amateur living in the Annapolis Valley.

The course through self study and the instructed portion has resulted in a total of fourteen new amateurs out of a total of sixteen. Two of the remaining do intend to write again. The success of the students this year is a keen testament to all of the instructors and their engagement of all the students who took part in the instructed course.

The pictures attached were taken by Wayne VE1WPH with Sheldon VE1GPY looking on and making critical and humorous observation of the coordinator's deft skill with a pencil. Eric VE1ENP on the left and self study student, Scott Bishop on the right another sailor and future ham with his girl friend looking on. Both are taking Barry's "HF Challenge".

On a final note the course this year did very well. All instructors contributed and the sum of the parts was definitely more than the whole. Our club is indeed fortunate to have this contribution.

Submitted by Barry VE1TRI course coordinator



Sent in by Ken, VY2RU, this picture was taken in St-Pierre, behind Val Dirène in the Gaspésie in Quebec. It is frost build up - sort of like the ice storm but this was a frost storm. The official term is a ZAG...zone d'amplification du givre (frost amplification zone).

I wonder how much weight is on the transmission tower.

*Did you ever notice that when you blow in a dog's face, he gets mad at you, but when you take him for a car ride, he sticks his head out the window?*

Dear HARC Membership,

Licensed in 1985 as VE3PKL and receiving Advanced qualification in 1989 I have seen many of the advances and changes that have challenged Amateur Radio over the years.

My involvement with the Halifax Amateur Radio Club (H.A.R.C.) began in 2002. In 2003, with the support of H.A.R.C. members, the Canadian Space Agency and the Bayers Lake IMAX theatre brought the Amateur Radio on the International Space Station (ARISS) program to an estimated 56,000 IMAX patrons.

Since that time I have become an ARISS Technical Support Mentor and have been responsible for mentoring almost 20 of the over 500 ARISS School contacts to date. Most notably I have provided technical support to New Brunswick's first direct as well as Nova Scotia's first direct and first telebridge contacts. H.A.R.C. Continues to be in the international forefront through the ARISS IRLP Audio Distribution Network and it's companion website [www.discoveryreflector.ca](http://www.discoveryreflector.ca). These efforts continue to be recognized by the internationally participating ISS Space Agency partners.

In addition, I have participated in various Club activities including MS Walk-a-thon and bike-a-thons as well as numerous Field Day events providing continuing (successful) PR support and satellite operating participation.

Currently I am providing Canadian ARISS mentoring support for the upcoming 100th anniversary of Girl Guiding in Canada event ([www.guidingmosaic.com](http://www.guidingmosaic.com)) being held in Guelph Ontario in July.

In closing, I believe that my past successes supporting H.A.R.C. and the organizational skills that have been developed from numerous associations with international organizations will serve the H.A.R.C membership in the position of Station Manager in a very positive fashion.

Should anyone wish clarification on the above please contact me directly at 835-4865 (evenings please).

Sincerely Yours in Amateur Radio,  
Wayne Harasimovitch, VE1WPH,  
VE1ISS

**From the Mail Bag**

In support of the Army Cadets in Sackville.

Sackville Army Cadets have been registered with Boston Pizza in Sackville. Anytime someone goes to Boston Pizza and they write "Sackville Army Cadets" on the back of their receipt and put it in the receipt box by the door the Sackville Army Cadets get 10% of the bill! (before taxes and alcohol)

We will be promoting the Army Cadets as well as raising some much needed money. The funds raised will be going to our May long weekend trip to Moncton, adding funds to the scholarship fund, and other fun activities. This is also a way to gain more public attention and hopefully some new cadets.

Terry R. Bigelow CD CPO2 Ret'd., VE1TRB

Just have to share this. Monday morning I was on the YL DX net with a group of women from all over, USA, Germany, Aruba, etc. There were several Canadians on board, & we got a very nice reception & lots of compliments on "our" Olympics. But the priceless bit was when Krista, DJ1TE in Germany, asked Merle, VE1VCI, from Nova Scotia, about curling. She knew that Merle was a curler. She asked Merle if she "did the housekeeping part, or threw those round things down the ice". I could hear Krista in Germany but Merle was too close for me to hear her signal. I know from Krista's response that Merle explained that every one took turns with both sweeping & delivering the stones. I'd love to have heard her, to know how hard she was laughing!

A great example of folks watching things in the Olympics that they don't see at other times!

73 Helen VA1YL

Dear Lynn,

I am a member of the Halifax Club, and was delighted to see the old QSL card from St. Paul and the picture of the radio set up on St. Paul. I maintain the web site [www.stpaulisland.net](http://www.stpaulisland.net) documenting the history of the island. I would very much like to use the qsl card picture and station picture for the "QSL Museum" page. ... I will gladly give credit for the pictures however you indicate would be correct.

I would also be interested in any information members of the club might provide regarding radio operators, lightkeepers, etc. on the island for the web page.

This summer I am hoping to arrange a day-trip to Sable Island for folks from the "Most Travelled People" group. If any hams from the club or area would be interested they can contact me. It will just be a trip out to visit the station and see the wildlife, etc., no radio operations will take place. As we have to charter the special plane the cost per seat is quite high, but would be a rare chance to visit.

I look forward to hearing from you regarding the St. Paul QSL, and any details surrounding it.

73,

Duane Traver, WV2B {VA1ZZ}

[www.stpaulisland.net](http://www.stpaulisland.net)

From Nigel, VE1NPS

Watch the pieces come together as they are sent up from Earth. This is the International Space Station (ISS) Assembly diagram, piece by piece. I had no idea the Space Station had grown to this size. Watch the left hand corner for dates. This is really cool.....

[http://i.usatoday.net/tech/graphics/iss\\_timeline/flash.htm](http://i.usatoday.net/tech/graphics/iss_timeline/flash.htm)

RAC's web site is [www.rac.ca](http://www.rac.ca)

**Help Wanted**

Management and custody of the **Tube Bank** has been taken on by Tom Guam, VE1BMJ and Tom is looking for help to do the following:

- finish sorting
- cataloging
- sales



Tom can be reached at 489-0735.

**Just in case you are planning ...**

to go DX-peditioning into Florida parks & wilderness areas, you would be wise to take snake precautions. The Montreal Gazette (Oct.14, 2009) reports that, over the years, people have released pet constrictors so now, in addition to Florida's half dozen or so native species of poisonous snakes, there is now a growing number of constrictors which eat native birds & animals. So now. Florida's endangered species are further threatening by breeding populations of Burmese pythons, boa constrictors and northern African pythons. Other alien snakes include reticulated pythons, green anacondas, Beni anaconda & Deschausee's anacondas.

**REMINDER**

Have renewed your membership for 2010? 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 Sheldon Hartling, VE1GPY, of any address changes at [hartling@netpathinc.com](mailto:hartling@netpathinc.com)

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

Is your address correct in Industry Canada's database? It is important that you inform Industry Canada of any change to your address.

Question: *What do you call an intelligent, good looking, sensitive man?*

Answer: *A rumour*



**Draft #4.5 Seventh Annual  
MARITIME DX FORUM PROGRAM  
6 – 7 August 2010**



**Friday, 6 August 2010**

1430 – 1730 Radio Amateurs of Canada:  
Annual General Meeting

1830 - 2200 Reception, Registration

**Saturday, 7 August 2010**

0830 Registration at the Program Location  
(Multipurpose Room) in the Rosaria Centre

0900 – 0915 Introduction to Maritime DX Forum 2010  
K. Scott Wood, VE1QD, Chair of the MDF

0915 - 1030 **Keynote** Presentation: *Turning New  
Stones: Building Passion for Amateur Radio*  
Martti Laine OH2BH, Espoo, Finland

1030 - 1100 Coffee Break

1100 - 1215 Presentation: *What You Need to Know About  
Solid State Amplifiers*  
Richard Frey, K4XU, Bend, Oregon

1215 – 1315 Lunch in the Rosaria Centre cafeteria

1315 – 1330 **Sponsors Corner**

1330 – 1445 Presentation: Co-sponsored with the Maritime  
Contest Club: *How World Class Contesting  
Advances Amateur Radio*  
Tim Duffy, K3LR,

1445 – 1515 Coffee Break

1515– 1630 **RAC sponsored symposium**

1630 Closing Words and Door Prize Draws

1700 Reception at Rosaria Hall Banquet Room,  
cash bar

1800 Maritime Forum DX Dinner

After Dinner Speech: *The International Gov-  
ernance of Amateur Radio – The Role of the  
IARU*  
Tim Ellam, VE6SH, President International  
Amateur Radio Union Calgary, Alberta

DX Forum \$80.00 (Canadian)  
Banquet \$30.00

Check the HARC website regularly for the most current infor-  
mation on the MDF program and its associated activities.

**PROGRAM FOR SPOUSES:** Spouses who do not wish to attend the MDF Program on Saturday, are invited to participate in a tour of Halifax, including a lunch at one of the waterfront restaurants.

Spouses are, of course, welcome to register for the BBQ and Bluegrass party on Friday and the Banquet on Saturday Evening.

**POST MDF TOURIST EVENTS:** There are two Tour Packages available for MDF attendees who wish to see more of the area and/or to experience Prince Edward Island (PEI) and Northern Nova Scotia. These will be available from an independent tour operator with which we are contracting.

**Sunday, 8 August 2010**

1. St. Margaret's Bay / Peggy's Cove Tour, including the following stops:
  - Acadian Maple's factory and retail outlet
  - Drive along St. Margaret's Bay
  - Visit and tour of Nautel's factory (world class producer of AM/FM transmitters, and airport and marine beacons (proposed but not confirmed)
  - Lunch at the *Finer Diner* on Boutilier's Cove
  - The Village of Peggy's Cove and its iconic light-house

**Monday – Wednesday, 9 – 11 August 2010**

2. Tour to Prince Edward Island and the home of Anne of Green Gables (details to be confirmed)
  - Bus Tour from Halifax to PEI (four hours)
  - Crossing the Confederation Bridge
  - Welcome Centre
  - The Anne of Green Gables Play
  - Visit to the home of Anne of Green Gables
  - Shopping around Charlottetown
  - Lobster supper
  - Visit to Red Sands Golf Course, the home of VY2RU and Summerside, PEI
  - Visit to the home and World Class contest station of VY2ZM
  - Return to Nova Scotia on the ferry from Woods Island to Pictou, Nova Scotia
  - Visit to the town of Pictou
  - Bus Tour from Pictou to Halifax

**Tech support:** "Okay, Bob, let's press the control and escape keys at the same time. That brings up a task list in the middle of the screen. Now type the letter "P" to bring up the Program Manager."

**Customer:** I don't have a P.

**Tech support:** On your keyboard, Bob.

**Customer:** What do you mean?

**Tech support:** "P"....on your key board, Bob.

**Customer:** I'M NOT GOING TO DO THAT!!



"The rewards for those who persevere far exceed the pain that must precede the victory."  
- Unknown

**Please note: if your membership is not paid up for 2010 this is the last issue of the HARC Reflector that will be sent to you. –ed**

### 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: Fraser, MacDougall, VE1WO, **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
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Street Address (Mailing) \_\_\_\_\_

City/Town	Province	Postal Code	Telephone Number
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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 \_\_\_\_\_