



REFLECTOR

PO BOX 8895
HALIFAX NS
B3K 5M5

April 2011, Volume 72 Number 4
club web site is www.halifax-arc.org



Now That Spring is Here ...
Take a look at the club surplus gear on page 10



HARC Club Station phone number - 490-6421

Executive

President - Fraser MacDougal, VE1WO	865-4198	fmac@ns.sympatico.ca
First V.P. - Bill Elliott, VE1MR	865-8567	ve1mr@rac.ca
2nd V.P. - Rod Padmore, VE1BSK	443-7181	rodpadmore@ns.sympatico.ca
Secretary - Betty Caithness, VE1BSW	477-7081	betty.caithness@ns.sympatico.ca
Treasurer - John Goddwin, VE1CDD	865-5731	ve1cdd@rac.ca
Director-at-Large: - Sheldon Harling, VE1GPY		hartling@netpathinc.com
Club Station Mgr. - Wayne Harasimovitch, VE1WPH	835-4865	wayneph@eastlink.ca
Past President - Bob Swinwood, VE1PQ		bob_swinwood@hotmail.com

Committees/Offices/Prime Contacts

Government liaison - VACANT

QSL Bureau Mgr - Tom Caithness, VE1GTC 477-7081 tom.caithness@ns.sympatico.ca

EMO Coordinator - Dave George, VE1AJP 466-8723 dgeorge@dal.ca

EMO Trailer coordinator - David Musgrave, VE1EDA 435-4333 ve1eda@rac.ca

Reflector editor - Lynn Bowser, VE1ENT 865-8567 ve1ent@rac.ca

Reflector Dist. - Frank Wilson, VE1FHW fhcb.wilson@ns.sympatico.ca

Membership - Frank Wilson, VE1FHW fhcb.wilson@ns.sympatico.ca

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

Callbook Editor - Howard Dickson, VE1DHD, 823-2024 dhickson@eastlink.ca

Field Day coordinator - Phil Bently VE1PB pbently@hfx.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 - Everett Price, VO1DK vo1dk@rac.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

The **April Meeting** of the Halifax Amateur Radio Club will take place Wednesday, April 20, 2011 at 1930 hours (7:30 PM) in the club rooms in the Saint Andrews Rec Ctr.

Our entertainment this month will be Bill, VE1MR, presenting an explanation of the terrestrial linking system in Nova Scotia. Guests are welcome.

NOTICE of MOTION

There will be a motion to approve the executive position descriptions. These have been approved in principal by the executive and it is now time for the membership to vote on them. **See page 5** for more information

Celebrated each **April 18, World Amateur Radio Day** marks the anniversary of the founding of the IARU in 1925 and provides an opportunity to present a positive image of Amateur Radio to the general public.

Take-15 Net Controllers

This will be the rotation. We would like at least 1 more. **If you want to join**, let Bill Elliott, VE1MR, know.



April 17	Bruce	VE1MLW
April 24	Emil	VE1ESP
May 1	Bob	VE1PQ
May 8	Win	VE1WIN
May 15	David	VE1NN
May 22	Doug	VE1LDL

GENERAL INFORMATION



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

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 - TX=82.5

PACKET: VE1NSD 145.050 MHz
LAN NODE

Please note that the club mailing address has been changed

to P.O. Box 8895
Halifax, N.S. B3K 5M5
We will share the QSL bureau PO Box which is more convenient for mail pick up.

**Deadline for submissions to the
May Reflector is
Saturday, May 7, 2011**

Events for Your Calendar

May 14, - DownEast Fleamarket.
Contact Chairman Tom, VE1BMJ, to lend a hand. See page 9

May 29 – the **Halifax MS Walk** at the Dalhousie Memorial Arena. See the item on the right (this page) for details and contact Terry, VE1TRB to help

June 25-26, 2011 - the 2011 ARRL Field Day.

July – Museum Ships Special Event

July & August – Pizza Nights

July– MS Bike Tour

Contact Rick Gardner, VE1RGG, to help with communications

Last full weekend in July – the Radio Society of Great Britain sponsored Islands On The Air (IOTA) contest.

August 5 & 6, - 8th Maritime DX Forum – Registration is now open, For more information, check out the MDF page on the HARC website www.halifax-arc.org

August 20 – Banquet in honour of Moncton Area Amateur Radio Club's 75th Anniversary. See page 8 for Where, When, & RSVP details

0001 UTC Aug.20 to 2359 UTC Aug.21 – International Lighthouse / Lightship Weekend (held the 3rd full weekend in August)

For more information see page 4 and <http://www.lighthouse.fsnet.co.uk/events/intlighthouseday.html>

October – Greenwood Flea Market

Maritime Museum of the Atlantic

The Museum will be celebrating its birthday on July 8, 2011. We have been asked to help celebrate. The club will be present for the party and have an HF and a VHF station. As always, many hands make light work. Please support your club and the Museum by pitching in. All help welcome! Final details will be announced next month.

Contact John VE1CDD

Museum Ship Weekend

Museum Ship Weekend will take place on June 4th and 5th. Once again, the club will be operating from the Acadia. The main objective is to have FUN while contacting other Museum ships and amateurs.

Assistance setting up and running the station would be appreciated. If you have something you would like to include or do, contact me. More information will available next month. Please drop by and say hello!

Contact John VE1CDD

2011 Brit Fader scholarship application forms are now available on the H.A.R.C. website

Loyalist City Amateur Radio Club Hamfest & Fleamarket

New Brunswick Spring Hamfest & Fleamarket

Saturday May 28, 2011

61 Elgin St. North End Saint John

Grand Prize – 2 meter Handheld

Dozens of Door Prizes

Admission includes FREE ticket for Grand Prize & Door Prizes

On Site Features

Munro Electronics

VE9/VY2 QSL Bureau

Licence Code & Theory Exams

OSCAR Satellite Demo & Contact

APRS Demo

R/C Aircraft & Model Rocket Display

RAC Representatives

DXCC Card Checking

Doors open: Vendors 7:30AM

Public 8:30AM

Talk-in : VE9SJM 147.27+

Admission \$3.00

More info at www.lcarc.ca

Vendor Tables : FREE

To book a table email Phil:

ve1pgc@rac.ca or call 633-1384 or

Sonny: ve9sw@rogers.com

Or call 672-8306

HALIFAX MS WALK 2011

The Halifax MS Walk is coming up and I am now seeking those who are interested in taking part in this "Club Sanctioned Event" It is taking place on Sunday May 29th at the Dalhousie Memorial Arena.

This year, I'd like to not only see the regular volunteers come out and help, but I'm also soliciting our new members to come out and help with this event. For those who have never taken part in this, you will be sent out with someone else that has done this before.

Our primary duties will be to provide communications support to the Walk Coordinators, and other volunteers.

Secondly, we have been asked to provide support in helping set up the arena and at the rest stops, along with controlling of vehicle access at the front of the Dalhousie Arena.

Setup normally starts around 0900 and checking time for volunteers is normally around 1100, with a completion time about mid afternoon. If you are able to help out PLEASE EMAIL ME indicating if you are;

1. able to help out with both communications and set up, or
2. if you are only able to help out with communications and not set up, or
3. just set up.

Whichever you decide is totally up to you, and however you can help will surely be appreciated.

Once I have the team together, and we get closer to the date of the event, I will pass on more information.

Terry, VE1TRB, HARC MS Walk Coordinator

email: trbigelow@eastlink.ca

email ve1trb@eastlink.ca



An interesting thing about golf is that no matter how badly you play; it is always possible to get worse.

PRESIDENT'S MESSAGE**April 2011**

HARC and DARC acted as Net Control for the March EMO Exercise Handshake on 26 March. HARC provided HF Net Control, UHF Simplex between the two Clubs, VHF Simplex as well as WinLink and Echolink coverage. We were able to log 13 HF, 3 Echolink, 1 simplex VHF and 1 Winlink contact. Thanks to the club members who helped at the club station.

On April 2nd and 3rd we took part in the Hobby Show at the Shearwater Hobby Show. The equipment was set up early on Saturday morning, a 20 ft mast with a Windom antenna and a VHF J pole mounted on the top. We demonstrated HF SSB, Digital PSK 31 and Winlink . We also were active in recruiting prospective participants for the Fall Basic Training Course. Operating conditions were not great on Saturday but Sunday was better. The Digital PSK 31 demonstration was popular and at one point European Stations were calling us. We were able to sign up 20 odd people who were interested on the distribution list for the next course. All in all it was a very successful weekend. There were 10 Club Members who took part in the Show, again, Thanks to them.

Don't forget that May is the Flea Market at the Halifax Forum and June the ARRL Field Day at the Saint Andrews Center. Please plan to take part in these Activities.

The Club can be contacted at our E-Mail Address VE1FQ@RAC.CA
73, Fraser Mac Dougall, VE1WO

What's been happening with IRLP Node 2050?

After several months of roof work on top of the Killam Library Building at Dalhousie University, the IRLP node 2050 has been restored back to working order. Late last year we were surprised to discover that the IRLP node was still working, but the link from it to HNS was not. Dave, VE1AJP, surveyed the rooftop locations where the radio portion is located and quickly found the problem. Roofers that had been replacing the library roof had finally gotten to the section where our link antenna was and cut off the feedline at the antenna in order to get it out of the way. Dave also told us that the mast was bent over by about 30 degrees. As we were not allowed on the roof until the job was done, that finally happened in mid march. Bill, VE1MR and myself trotted up to the roof one sunny afternoon to replace the mast and connector for the antenna. We were fortunate enough to run into another ham, Brandon, VA1BSD who works at Dal and was interested in coming up to see the installation. The extra hand was a great help.

During the period that node 2050 was unavailable, Peter VE1PS stepped in with his echoirp node 2064 to fill the void on HNS. Now that 2050 is back on HNS, Peter will soon have his node linked into PSR

Thanks .. that should hopefully get everyone turned around again

Rob Ewert

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

**Brit Fader Scholarship Trust
Announces Call for Applications**

The Brit Fader Scholarship was established in 1993 by the Halifax Amateur Radio Club and endowed through the generosity of Club members and Radio Amateurs throughout the Maritime Provinces of Canada. This scholarship is intended exclusively for post-secondary educational use, to provide assistance with the cost of tuition, room, board, books and/or other fees essential to the advanced education of the recipient. The amount of the 2011 award will be \$1000.00.

Applicant must be a citizen of Canada, but without regard to gender, race, national origin, handicap status or any other factor and must be performing at a high academic level.

Applicant must hold an active Basic Class or higher grade of Canadian Amateur Radio license.

This Scholarship will be provided for attendance at an accredited Canadian post-secondary technical school, college or university, with preference given to applicants who have been accepted into a program in the field of electronics or electrical engineering.

Application submissions must be postmarked no later than July 15th, 2011.

A zipped application package (Criteria; Application Form; Reference Form) is available for downloading from the HARC website at www.Halifax-arc.org.

Follow the link to the Brit Fader Scholarship from the Home Page under Education.

D. Howard Dickson – VE1DHD
for the Brit Fader Scholarship Committee

Map Quest really needs to start their directions on #5. I'm pretty sure I know how to get out of my neighbourhood



At the SHEARWATER HOBBY SHOW

Raising the profile of Amateur Radio by demonstrating a few of the aspects of our hobby at the Hobby Show held at the Shearwater Air Museum on Saturday, April 2 & Sunday, April 3. The photographer only caught John, VE1CDD who demonstrated digital modes (PSK31); Doug, VE1LDL demonstrating Winlink; Fraser, VE1WO and Barry, VE1TRI, operating HF. Doug, VE1DFG was snapped on the other side of the table. Barry, John, Doug, Win & Fraser were such convincing PR representatives that some 20 to 25 of the display's visitors gave Barry contact information so he could send them information about the basic course and getting into amateur radio. Also participating on Saturday or Sunday or both were David, VE1NN; Win, VE1WIN; Mark, VE1BEL; Murray, VE1MMD; & Brian, VE1AZV. Thanks to David, VE1NN, for getting us a prime spot (beside a very large helicopter) with good access to outside for antenna access. —ed.

14th Annual International Lighthouse / Lightship Weekend

Will be held 0001 UTC August 20 to
2359 UTC August 21, 2011 UTC.

While not a contest, the ILLW is more of a QSO Party and Amateur Radio demonstration. The ILLW aims to raise public awareness of lighthouses and lightships and the need for their preservation and restoration, promote Amateur Radio and foster international goodwill. Stations at more than 40 US lights are expected to be on the air for the event, and several stations will identify with special event call signs. Participating lighthouse/lightship stations do not have to be inside the structure or on the vessel itself; a Field Day-type setup at or adjacent to the light is sufficient.

More information about the event, is available on the ILLW Web site

http://illw.net/index.php?option=com_content&view=frontpage&Itemid=53

* Digital Special Interest Group *

Are you in a rut? Is amateur radio getting boring? Then perhaps you need to try something different.

How about the digital modes? There are many different flavours and these days the bands are full of activity. Many of the digital modes are low power output (30 watts or less) even QRP making it great for the city dwellers.

No special skills required, not even typing skills.

There are club members who have experience in many of the different modes and they are always willing to share their knowledge & experience.

Want to see what all the fuss is about? Drop by the Club Station on Saturday April 23rd at 10 am.

Contact John VE1CDD

*Why does a round pizza
come in a square box?*

The **weathervane** at the Yukon Transportation Museum in Whitehorse, Yukon is a Douglas DC-3. The plane built in 1942 was raised onto a rotating pedestal at the Whitehorse airport where it turned with the wind until it was recently moved to the Museum. This plane's career started with the US Air Force flying transport missions in Asia. After WW2 she was sold to Canadian Pacific Airlines and flew domestic routes for 10 years before being sold to a Dawson City company for which she flew around the Yukon for 10 years. Finally one of her engines blew. The DC-3 sat derelict until the Yukon Flying Club restored her, then turned her into a weathervane.

There are still DC-3's with their Pratt & Whitney 14 cylinder engines and 2,700 kgm. cargo capacity flying regular transport duty for Buffalo Airways in Canada's north.

Source: Up Here Magazine

EXECUTIVE POSITION DESCRIPTIONS

Some of the executive positions have never been properly defined while others are fairly well defined in the By Laws. A couple of years ago the executive started to define position descriptions for the executive and committees. A lot of work was done by two past executives but was never finalized. The current executive would like to finish the job. We think we have finalized the executive position descriptions and are working on the committee descriptions.

The executive descriptions to be voted on at the April meeting are posted on the web site. Please take a look at them. They are at:

<http://www.halifax-arc.org/sites/default/files/EXEC%20approved%20position%20descriptions%20Feb%202011.pdf>

There is a link on the opening page of the web site that will also take you there. The committee descriptions in this document are not completely ready for approval yet and will be posted again later when ready for approval.

from the **2010 IARU HF World Championship Results** published in the April 2011 issue of QST.

The number of logs received for this July 10-11, 2010 contest has set a new record of 3,714. Almost two-thirds of the participants were entered in the Low Power category; less than or equal to 150 watts.

A look through to Top 10 Worldwide list reveal that Nova Scotia hams took honours in their categories as follows:



Single Operator, CW Only, Low Power (Class C Power B) –
Rich Pieniaszek, VA1CHP, 5th spot with 407,484 points.

Single Operator, CW Only, Low Power (Class C Power B) –
Gary Bartlet, VE1RGB, 8th spot with 341,775 points.

Single Operator, Mixed Mode, Low Power –
Al Leith, VE1AL came 8th with 201,664 points

Silent Key

John McNeil, VE1JBS, Shelburne passed away March 9, 2011. His obit is in the March 10, 2011 Chronicle Herald. While not terribly active due to failing eyesight John retained his interest in things amateur and was involved with the Shelburne Club right up to his death. John was in the armoured corp in WW2 and spent a lot of time up north as a radio operator following the war before ending his career as the site manager for the Decca installation in Shelburne (Jordan Bay).

The 2011 April Rookie Roundup – SSB – Sunday, April 17, 1800 through 2359 UTC – is for all Amateurs licensed from 2009 to 2011. See how many stations you can work in 6 hours. Oldtimers work the Rookies and provide on-air guidance & Elmering. The top 5 Rookies in each call area and Canadian provinces receive a top-5 certificate. All Rookie entries receive a participation certificate.

All score summaries must be received no later than 2359 UTC Wednesday, April 20, 2011.

Complete rules and the online score summary reporting form can be found at www.arrl.org/rookie-roundup

Source: QST, April, 2011 issue

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 8895, Halifax, NS, Canada B3J 2T3

attention: Fraser, MacDougall, VE1WO, or add it to your MDF Registration submission.

**The Halifax Amateur Radio Club
Monthly General Meeting
March 16, 2011
MINUTES**

President Fraser MacDougall (VE1WO) opened the meeting at 7:30 p.m.

Silent Keys – There were none to report.

Approval of Agenda:

Motion – THAT the agenda as presented be adopted.

Moved by: Jim (VE1CU); Seconded by: Doug (VE1LDL).
Motion carried.

Introduction of guests –

Wayne McKenzie (K8LEE) one of three operators that just returned from the CY0 Sable Island DXpedition joined the meeting.

Approval of Minutes of February 16th 2011 monthly:

Motion – THAT the minutes of the February 16th, 2011 monthly meeting of the Halifax Amateur Radio Club as published in the March 2011 edition of the *Reflector* be approved.

Moved by: Win (VE1WIN);

Seconded by: David (VE1EDA).

Motion carried.

Treasurer's Report – John Goodwin (VE1CDD) reported that the March opening balance was \$9,207.64, expenses for the month of January were \$1,24.74, income was \$778.19, petty cash \$00.00, outstanding cheques \$265.12 for a net bank account balance of \$8,876.85. Full report is attached to the formal copy of these minutes.

Motion – THAT the report of the treasurer be approved.

Moved by: Scott (VE1QD);

Seconded by: Barry (VE1TRI).

Motion carried.

Executive Reports:

1st Vice President – Bill reported that he had made up a resonant radial kit for the Club's new DX88 vertical antenna that has been displaying high SWR. He will test this modification out to see if it solves the problem. Fraser reported that in the interim John (VE1CDD) has refurbished the

old Cushcraft vertical and it will be put back up on the roof until the DX88 is functioning satisfactorily.

2nd Vice President – Rod Padmore (VE1BSK) reported that the 50:50 draw will be for \$31.50 and the door prize is will be a digital multimeter.

Station Manager – Wayne Harasimovitch (VE1WPH) was absent, but John (VE1CDD) reported that he, along with Bill and Wayne, had installed coax relays on the antennas so they all automatically go to the dummy load when the station is shut down. There is now a roto-control switch so the rotor can be controlled from either operating position.

President – Fraser MacDougall (VE1WO) had nothing specific to report.

Committee Reports:

Basic Course – Barry Diggins (VE1TRI) indicated that two candidates in the self-study course will be writing their basic exam in April. Barry also directed members to the RAC Section Manager's excellent website.

EMO – David (VE1AJP) encouraged members to check into VE1PSR during any storm event to report local conditions.

Search and Rescue – David (VE1AJP) reported that the tender for the installation of the new Motorola tracking radios for the provincial network has been awarded to Bell Aliant.

Call Book – Howard (VE1DHD) had nothing to report.

Field Day – Fraser introduced Phil Bently (VE1PB) the 2011 Field Day Chair. Phil indicated that the event will take place on the weekend of June 25-26 and encouraged members to step forward to assist with the various aspects of this emergency preparedness exercise, and that the Club will compete this year in the "F"-class from the backup EMO facility at the St. Andrews Community Centre.

Membership – Report given by

Frank Wilson (VE1FHW) reported that the club has 71 fully paid up members for 2011 as well as 17 associate members and 4 lifetime members. Frank also indicated that he is currently mailing out 50 hard copies of the monthly *Reflector* and encouraged members to save the Club some money by taking the newsletter through email as a PDF file.

Old Business:

Upgrade of Club Satellite Station – in Wayne's absence Fraser informed the meeting of the need to hold a second vote on the procurement of equipment to upgrade the satellite station. He read aloud the relevant portion of the February minutes related to this issue. With no further discussion, Fraser called for a final vote on this equipment procurement.

Motion to approve the purchase of replacement Satellite Station equipment as outlined in the February *Reflector*.

Moved by Jim (VE1JIM) and

Seconded by Doug (VE1LDL).

Motion carried.

2011 DX Forum – Scott Wood (VE1QD) reported that advertising for the 2011 DX Forum has been translated into Spanish by John Bartlett (VE1OZ) and Norwegian, by himself. Scott then introduced Wayne McKenzie (K8LEE) one of the three operators who activated CY0 and has just returned from Sable Island after nine days of operating. Scott invited Wayne to say a few words. Wayne indicated that the expedition had been a great success with over 20,000 QSOs, and thanked the Halifax Club for its support and assistance with this effort, particularly Gary (VE1RGB).

Hobby Show – Fraser informed the members that the annual hobby show will take place on the first weekend in April in Dartmouth. The Club intends to participate to promote our hobby, but a coordinator is needed to take charge of this event. No one stepped forward.

(Continued on page 7)

(Continued from page 6)

New Business:

Review of Club Executive and Club Committee Terms of Reference

– Gary (VE1RGB) suggested that since these updated terms of reference had not been circulated in advance, we should defer discussion of them until all members had an opportunity to review them. This item was deferred to the April meeting and the material will be placed on the Club website for review before the next meeting. Bill (VE1MR) agreed to have an announcement placed in the April *Reflector* to direct members to the website.

Brit Fader Scholarship – Fraser indicated that after talking with the Scholarship secretary he was informed that there are sufficient monies in the account to fund a \$1000 scholarship in 2011. Howard (VE1DHD) agreed to write up an advertisement that could be published in the RAC magazine (TCA).

Exercise Handshake – Fraser reminded the members that this monthly emergency preparedness exercise will be controlled this month from Halifax – Tuesday March 29th – and both the DARC and HARC will activate their stations. HARC will set up a WinLink station, run an HF station and set up a UHF link to the DARC station. Members were encouraged to participate by contacting Emil (VE1ESP).

Flea Market – Tom (VE1BMJ) reminded members of the Down East Flea Market scheduled for Saturday May 14th. Although there will be no commercial radio suppliers attending, he has had good support from several of them. Bob (VE1RHP) is to be in charge of staffing for the event and Tom asked those who were able to assist to contact Bob. As has been the custom, there will be an informal social gathering on Friday evening at the Chebucto Inn in Halifax starting at 7:30pm and a breakfast gathering at 7:30 am at the Steak and Stein on Young Street in Halifax. Talk-in will be on VE1PSR (147.270).

50/50 Draw - \$31,50 was won by Scott (VE1QD).

Door prize – was won by Rich (VA1CHP).

There being no further business, on a motion by Doug LeBlanc (VE1LDL), the meeting was adjourned at 8:13 p.m.

Following a brief social, David George (VE1AJ) gave an informative talk on the electronic control of commercial LED lighting.

Respectfully submitted
Howard Dickson (VE1DHD)
Acting Secretary
March 17th, 2011.

The German air controllers at Frankfurt Airport are renowned as a short-tempered lot. They not only expect one to know one's gate parking location, but how to get there without any assistance from them. So it was with some amusement that we (a Pan Am 747) listened to the following exchange between Frankfurt ground control and a British Airways 747, call sign Speedbird 206.

Speedbird 206: _ "Frankfurt, SPEEDBIRD 206! Clear of active runway." _ _

Ground: _ "SPEEDBIRD 206. Taxi to gate ALPHA ONE-SEVEN." _
The BA 747 pulled onto the main taxiway and slowed to a stop.

Ground: _ "SPEEDBIRD, Do you not know where you are going?" _

Speedbird 206: _ "Stand by, Ground, I'm looking up our gate location now." _

Ground (with quite arrogant impatience): _ "SPEEDBIRD 206, have you not been to Frankfurt before?" _

Speedbird 206 (coolly): _ "Yes, twice in 1944, but it was dark -- and I didn't land." _

Halifax Information Radio 97.9 FM in the event of emergency becomes a communications arm of EMO. The ham repeater on the EMO trailer operates on 145. +

From the ARRL Letter March 17, 2011
Amateur Radio in Space: Hams Invited to Track Satellites

In November 2010, five research satellites were carried to orbit aboard a Minotaur V rocket from Kodiak Island, Alaska. Two of these satellites - FASTRAC 1, known as "Sara Lily" and FASTRAC 2, referred to as "Emma" -- entered orbit as a single nanosatellite, but on March 15, scientists sent the command to have them separate. According to FASTRAC Student Program Manager Sebastian Munoz, KE5FKV, students at the University of Texas will be confirming the separation as the satellites pass: "We started one of the most exciting phases of our project by separating both of our girls so that they can compute on-orbit real-time relative navigation solutions while both of them are freely drifting from one another." Munoz said that they will continue to update the satellites' two line elements (TLEs) on their website for those radio amateurs interested in tracking the two nanosatellites. "I want to thank the ham community all over the world for supporting our project," Munoz said. "Your support has been incredible and we really value it. We really appreciate all of your help so far and we hope that we can continue to count on it."

E-mail Smarts

Don't respond to emails that require you to enter personal information directly into the email.

- Don't respond to emails threatening to close your account if you do not take the immediate action of providing personal information.
- Don't reply to emails asking you to send personal information.

Do you have pictures, ideas, an interesting or funny radio-related story, an article or a question you would like to share via the HARC Reflector? Please send it/them to Lynn, VE1ENT, ve1ent@rac.ca or bowser.elliott@ns.sympatico.ca

From the Mail Bag



I'm forwarding this invitation to our Open House and I would ask you to extend the invitation to your members. We are most grateful for HARC's support at our MS Walk and RONA MS Bike Tour.

Thanks very much, and please contact me if you have any questions or comments.

Thanks again,
Monica (MS Society)

MS Society Open House April 14

You are invited to an open-house at our new home

Our new space offers more accessible features and useable volunteer, client and staff space. It's a welcoming new environment that we invite you to visit during our open-house.

Please join us on Thursday April 14th. Drop in anytime between 2pm and 7pm, there will be treats!

Our new office is located at 109 Ilsley Ave., Unit 1 Dartmouth NS B3B 1S8

Just look for the Scotiabank and drive around to the back. We're located in Unit 1 facing Burnside Drive.

For more information, phone us at 1-800-268-7582 or email info.atlantic@mssociety.ca

An actual exchange between a pilot and control tower

Tower: _"TWA 2341, FOR NOISE ABATEMENT TURN RIGHT 45 DEGREES." _



TWA 2341: _"CENTER, WE ARE AT 35,000 FEET.. HOW MUCH NOISE CAN WE MAKE UP HERE?" _

Tower: _"SIR, HAVE YOU EVER HEARD THE NOISE A 747 MAKES WHEN IT HITS A 727?" _

Re. the ARRL VHF QSO Party:
the West Carleton ARC (*of which Al is president*) sets up an excellent station for a grid expedition in FN04. You can see photos of last year's station here:

<http://www.facebook.com/album.php?aid=2053561&id=1035931868&l=98edd58d87>

Al, VO1NO

Hi This is an important email for those who wish to participate in the upcoming **Banquet in honour of Moncton Area Amateur Radio Club 's 75th Anniversary.**

You are invited to take part in this event and show your support to the members past and present who have made a difference in Amateur Radio.

The banquet will be held at the Moncton Dart Club, 28 Eaton street, Moncton, NB at 5:30pm on Saturday August 20th. Cost is only \$14.00 each.

We will have a Very Special Guest Speaker and also door prizes.

To reserve seats for you and your guest or guests, please write names as below and email to Jean-Guy Levesque, Chairman MAARC 75th Anniversary, Medals2@gmail.com

Please reply asap. Thank You.

Hope you can be part of the fun 73's VE9LEV, Jean-Guy Levesque Chairman MAARC 75th Anniversary

506-854-6634

Please reply using this format
MAARC 's 75th Anniversary Banquet, August 20th - 5:30pm
We want to be part of the Guest List

I want to participate : CALLSIGN and Name: _____

My guest will be : Name: _____

My other guest: _____

My other guest: _____

Greetings Fraser and Bill,

As with most amateur radio clubs across Canada, I'm sure that the Halifax Amateur Radio Club executive is always looking for ways and means to grow club membership and develop an organization that is better attuned to today's technologies while addressing the needs, issues and concerns of all members. I believe that the same holds true for our national organization - RAC. Recently, I came across some thoughtful ideas from a fellow radio amateur living in Quebec City, Guy - VE2XTD: <http://cqcanada.ca/files/option.pdf>

Given that the Halifax Amateur Radio Club is a leader among amateur radio clubs and well respected across Canada, I would be curious to know of HARC's position regarding VE2XTD's proposal. Additional information on related matters can be obtained from the CQ Canada website:

<http://www.cqcanada.ca/>.

As you will see on the Options menu of CQ Canada website, all amateur radio clubs and/or individual hams are welcome to submit their ideas and/or suggestions for posting onto the CQ Canada website (via e-mail to:

johnbartlett@live.com).

I am personally hopeful that this will help start a "national conversation" on these important matters.

73, Doug Mein - VA3DM

Why doesn't "Buick" rhyme with "quick"?

www.rac.ca RAC's web site has URLs to swap shops all over the country

ARISS is an international educational outreach program with US participation from ARRL, NASA & AMSAT. <http://www.rac.ca/ariss>





**28TH ANNUAL
DOWNEAST
AMATEUR RADIO
FLEA MARKET**



**When: Saturday May 14th 2011
Where: Halifax Forum Bingo Hall**

Corner Windsor St and Almon St

Talk in frequency
147.270 + VE1PSR

Reserve your **FREE** Tables
David Nimmo VE1NN
ve1nn@rac.ca

Flea Market Committee:
Tom Gaum VE1BMJ 445-8103
Marc Hemphill VE1BEL 465-2983
David Nimmo VE1NN 462-3945
Murray Alary VE1ALS 477-7568
Graham Oldreive VE1GCO 483-1570

**Amateur Radio Social
Friday May 13th
Time: 1930
Chebucto Inn
6151 Lady Hammond Rd
Also Special Room Rates;
1-800-268-4330**

**Saturday Pre-Market Breakfast
Steak And Stein
Time: 0730
Corner Young and Kempt**

**Sellers set up 7:00am
Doors Open at 9:00 am
Admission is \$4.00 per person
Canteen serving *Tasty* BBQ Sausages
Live Demos, Static Displays
Door Prizes (Grand Prize is 2M/70CM HT)
NSARA AGM After the Flea Market**

In mid 2010 the Club Executive passed a policy for the disposal of club surplus equipment. While this policy has not been brought before the club membership the executive will follow this policy.

In brief it states that all club equipment deemed surplus will be first offered **to all club members in good standing** before being offered to the general Amateur population. A list of equipment will be published in the Reflector and members interested in any of the equipment will notify the Treasurer in writing or by e-mail within 14 days. In the case of two members being interested in the same piece of equipment they will be asked to submit bids to the Treasurer within 7 days of being notified. In the case of a tie bid then they will be asked to resubmit. The highest bid will be accepted. After 14 days if there is no interest from members then the equipment will be offered to the general Amateur population by whatever means available such as swap shops flea markets etc.

The club has the following surplus equipment for sale.

Yaesu FT-790RII \$250.00

A 70 cm all mode mobile (CW SSB and FM) transceiver with the optional 10 Watt amplifier and comes with a MH-15c8 hand microphone (DTMF) and mobile mounting bracket. Great for exploring the world of 70 cm SSB and CW as well as the FM repeaters.

Icom IC-735 \$500.00

This is a 100 Watt all mode HF transceiver and comes with a matching IC-PS30 power supply, IC-HM12 hand microphone, IC-SP3 external speaker and manual. We may even throw in an ICOM phone patch.

Icom IC-275H \$475.00

A 2M all mode (CW SSB and FM) base transceiver with 100 Watts output and comes with a IC-HM12 hand microphone (no DTMF) and an Astron RS-20 power supply. With the proper antennas you could explore the world of EME and weak signal work using digital modes as well as SSB and CW. Also good for distant repeaters on FM.

Yaesu G-550 Elevation Rotator / Control \$225.00

An elevation rotator with control box for elevation control of antennas used for satellite or EME communications.

HYGAIN Azimuth Rotator / Control \$200.00

A Ham IV style Azimuth rotator and control box with brake delay option installed.

Hi Mound BK 100 \$75.00

"Bug" looks new in a box.

MFJ 557 \$50.00

Code Practice Oscillator / Key

48' Delhi tower \$250.00

KLM KT34 \$250

A 4 element triband beam (10M-15M-20M) with a 16 foot boom.

About 7 dBi gain with about 20 dB F/B

All parts still available from M2 antennas.

KLM KT34XA \$400

A 6 element triband antenna (10M-15M-20M) with a 32 foot boom.

Over 9dBi gain and about 25 dB F/B

All parts still available from M2 antennas.

Tonna 20317 \$175 We think this is the Tonna antenna but it may be a Cushcraft.

A 2M 17 element long boom yagi on a 32 (we think) foot boom, primarily meant for horizontal orientation SSB and CW use. 17 dBi gain with 27 dB F/B. A perfect match to the IC-275H above.

Sign at the zoo:

*Please do not stand, sit,
lean or climb on zoo
fences. If you fall, an
animal could eat you
and that might make them sick.
Thank you.*

