



The Halifax Amateur Radio Club

REFLECTOR

PO BOX 8895
HALIFAX NS
B3K 5M5

November 2010, Volume 71 Number 9

club web site is www.halifax-arc.org



Remembrance Day – November 11



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.andra@yahoo.ca
Director-at-Large: - Don Trotter, VE1DTR		ve1dtr@rac.ca
Club Station Mgr. - Wayne Harasimovitch, VE1WPH		wayneph@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
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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 - VACANT		
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

This will be the rotation.

We have 2 new net controllers and would like at least 2 more. **If you want to join**, let Bill Elliott, VE1MR, know.



Nov. 14	Bruce	VE1MLW	Dec. 26	Bob	VE1PQ
Nov. 21	Bob	VE1PQ	Jan. 2	Win	VE1WIN
Nov. 28	Win	VE1WIN	Jan. 9	David	VE1NN
Dec. 5	David	VE1NN	Jan. 16	Doug	VE1LDL
Dec. 12	Doug	VE1LDL	Jan. 23	Bruce	VE1MLW
Dec. 19	Bruce	VE1MLW			

Please note that the club mailing address will be changing. We will share the QSL bureau PO Box – more convenient for mail pick up

The **Annual Meeting** of the Halifax Amateur Radio Club will take place Wednesday, November, 17, 2010 at 1930 hours (7:30 PM) in the club rooms in the Saint Andrews Rec Ctr.

At this A.G.M. we will elect the H.A.R.C.'s executive officers for 2011. Be present as part of the quorum to exercise your voting right, privilege, and duty.

Guests are welcome.

Deadline for submissions to the January Reflector is Saturday, January 8, 2011

Puzzler - Do you know?

What F.L.I.R. is?

Answer is on pg.



NOTICE of MOTION

To save money the DX Forum Committee can reserve the space at Mount St. Vincent with a deposit in early December.

NOTE – This is a budget item.

MOTION: - That the club approve a \$1000 advance to the DX Forum to reserve the facility at Mount St. Vincent.

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

Events for Your Calendar

December 15, 2010 HARC Christmas Dinner. Arrive at 1730 hours (5:30PM) for beverage refreshments.

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

QSL cards by HARC

The Halifax Amateur Radio Club has negotiated a special price on the printing of high-quality QSL cards with our Callbook printer. Cards are printed in full-colour front with black text on the back of white card stock. Card orders (1000 minimum) will be processed as they are submitted and the usual turnaround time is 2 to 3 weeks. The cost for 1000 cards is our printing cost, and delivery is FOB the Halifax Club. A one-time only \$25.00 donation to HARC is expected on each new order or on subsequent orders where significant changes in the card design are required. This donation provides a small additional revenue stream for HARC. Support your club and have your QSL cards printed by HARC.

For information on current pricing and card design options, contact Howard at: VE1DHD@RAC.ca

I won a gift certificate at the last HARC meeting for a credit of \$250.00 toward the purchase of a Trylon titan tower 32-96 feet if purchased at Mac Farlane Electronics before Dec 31 2010 I have no use for it so if you or anyone you know of anyone who is interested in it let me know.

They can call 902-865-9416 or via email ---VE1EGG@RAC.CA

Thanks Ed VE1EGG

Cowie Hill repeater building:

We need :

- A) some one to take on co-ordination of finishing the siding.
- B) Recommendations for changes or renovations of building.



HARC Christmas Dinner - Wednesday, Dec.15th (at 5:30 pm for beverage refreshments)

This year's Menu:

For Starters:- A choice of garden or caesar salad
OR bowl of seafood chowder.

**Four Meal Choices consisting of:**

•**7 oz. Del Monico Rib-eye Steak Platter**, available in either our signature Derby flavour or char-broiled with choice of baked / mashed potato; french fries or rice plus coleslaw and roll.

•**8 oz. Oven Baked or Panned Fried Haddock Platter**, lightly seasoned with choice of bake or mashed potato; french fries or rice plus coleslaw and roll.



•**Shrimp & Scallop Linguine** - Shrimp and scallops simmered in a creamy sauce with garlic, green onions, tomato and parmesan, then tossed with linguine. Served with a slice of garlic bread.

•**Pan Seared Chicken Breast stuffed with a savory bread dressing**. Includes choice of baked or mashed potato; french fries or rice plus coleslaw and roll.

Dessert Choices: - Consisting of a choice of lemon meringue, banana cream or coconut cream pie, bread pudding with warm homemade butterscotch sauce or warm gingerbread served with lemon sauce.

Beverage Choices: - Coffee, Tea, Ice-tea or Soft Drinks / complimentary refills.

Total cost per guest with tax & gratuity added in **\$28.00**

RAC Bulletin 2010-028E- Ian Snow VA3QT appointed Special Advisor to the National Field Organization Executive. 2010-11-01

It is with great pleasure that I announce the appointment of Ian Snow VA3QT, Special Advisor to the RAC National Field Organization > Executive.

Ian, an original National Training Resource Group (NTRG) member, will work closely with National NTS Coordinator Hew Lines VA7HU initially, looking at the manner in which the ARES and NTS stay useful and relevant to the Agencies we serve, from a messaging and use of technology standpoint.

I would like to welcome Ian, and thank him for his continued valuable support of the Radio Amateurs of Canada.

Doug Mercer VO1DTM, Vice President Field Services Radio Amateurs of Canada Tel: (709) 364-4741> Cell: (709) 697-3319

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)

Contact Membership Chair Sheldon Hartling, VE1GPY

Station Manager Wayne, VE1WPH is working on a proposal to upgrade the VHF/UHF and Satellite operation position and a detailed presentation will take place at the January meeting ending with a motion to move this plan forward.

Why do "tug" boats push their barges?

PRESIDENT'S MESSAGE - November

As my term as President comes to a close, I would like to thank the Executive and Members of H.A.R.C. for their continued support. With the elections being held at this month's Annual Meeting, I again would request that "you step up to the plate" and either let your name stand for a position or encourage someone to do so. As many of you are aware I am a long time believer that no one should hold a position for an extended period. But I am also a believer that others must step up and assist any organization. With a membership in the 140 range, surely there must be a number of members willing to assist the club by taking on a role, whether it be on the Executive, chairing or serving as a member of a Committee. There are many talented and capable members in this Club – many who have much to offer.

The Club is in good shape – we have a strong membership base, good facilities and the financial position of HARC is stable. I am certain that with the quality of members that we have, HARC will be in good shape in the long term.

We cannot sit on our laurels however. A strong, concerted effort must be made to bring new blood into the Club. We were fortunate this past year in that two new grads of the course stepped forward and assumed Executive positions. We continue to graduate a good number of candidates annually, but only a very few become active in the Club, or for that matter, even attend meetings. We must bring them into the Club; provide additional training and opportunities for them.

Good news is that the CYO DXpedition is back on track – look for them on the air starting December 6th until December 13th. Best wishes to the team-Randy, Ron and Murray!

It is good to see that Lynn (VE1ENT) has returned from her medical procedure and we wish her well.

73, Murray, VE1MMD/VE1BB

From the ARRL Letter Sept.30, 2010
Amateur Radio in Space: ARISSat-1 in
Satellite Final Preparation

Having successfully completed vibration testing this week, the ARISSat-1/RadioSkaf V satellite will soon be on its way to Russia for final preparation and launch to the International Space Station. In Russia, the Kursk experiment will be added and the satellite will undergo additional testing. A new Russian Orlan suit battery will be shipped to the ISS separately to be installed into the satellite. ARISSat-1 is scheduled to be sent to the ISS aboard Russian Progress vehicle 41P in January 2011 and deployed during EVA (extra-vehicular activity, commonly called a spacewalk) R-28 in February 2011.

From the ARRL Letter, Nov.4, 2010
ARRL Field Day: 2010 Results
Are Now Online

See how you did in the 2010 ARRL Field Day! The results -- including a copy of the QST article (with line scores) and a results database -- are now available on the ARRL Web site www.arrl.org. Be sure to also check out the 193 comments in the Field Day Soapbox. It's not too soon to start making plans for next year -- the 2011 ARRL Field Day is scheduled for June 25-26, 2011.

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

December is
HIV/AIDS Awareness month

From the ARRL Letter Sept.30, 2010

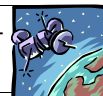
The turnout was excellent for the ARRL/TAPR Digital Communications Conference September 23-26

Software Defined Radio (SDR) was the dominant technical theme of the conference. Along with independent SDR developers, the Open SDR group gave a status update, George Heron, N2APB, introduced the SDR Cube project and the conference even featured an "introduction to SDR" forum. Another discussion that attracted a great deal of attention was a project to adapt analog radios to SDR at the IF.

Other conference highlights included a presentation by Rick Muething, KN6KB, on the status of WINMOR, the sound-card-based HF digital protocol recently incorporated into Winlink's RMS Express software package. WINMOR promises performance that rivals PACTOR III at a tiny fraction of the cost. Rick also discussed development of this new V4 protocol for keyboard-to-keyboard communication and was at the podium again Sunday morning with his DSP tutorial.

One of the most anticipated talks was given by Bruce Perens, K6BP, on the new Codec2 digital voice codec. This is an open source project that makes significant advances beyond the AMBE vocoder family without any of the licensing and patent issues that have hindered development of Amateur Radio digital voice systems. Bruce stated that by this time next year, the codec should be ready for late-beta deployment on the HF bands.

Why do toasters always have a setting that burns the toast to a horrible crisp, which no decent human being would eat?



Sam, VE1YVN with scouts



David, VE1EDA, receives a certificate of appreciation

The annual boys scouts **"Jamboree on the Air"** was held at Camp Harris, Mineville, N.S. **16th October, 2010**. HARC participation was organised by Doug, VE1LDL, who was assisted by David, VE1EDA, & Sam, VE1YVN. The EMO trailer was used for the hoisting of two antennas, an R5 vertical supplied by Bill, VE1MR, and the venerable 20m dipole supplied by Dick, VE1AI. The day's torrential rain held off just long enough for all the outside work to be done before the skies opened up for the duration of the event.

Propagation for the day was very good, considering the weather, and numerous contacts were carried out on SSB, giving the boy scouts ample opportunity to speak to ham stations both in Canada and the U.S.A. A total of 5 groups of very wet boy scouts were very enthusiastic about talking to someone on a radio half way around the world.

David, VE1EDA, set-up a complete HF WINMOR email station; an impressive sight when everything was up and working. Both the scouts and their leaders were given a brief by Dave on this system, and were delighted to see that it was possible for amateur operators to control their own internet system. Dave set up a "buddipole" antenna system inside the building which seemed to work very well for such a small portable antenna (supplied by HRM/EMO).

Sam, VE1YVN, could not resist the temptation to fill the minds of the scouts with dots and dashes and provided a display



Doug, VE1LDL receiving a certificate of appreciation

of keys including paddles, side-slappers, navy bugs and navy straight keys. Each scout had a chance to rattle these keys along with an oscillator for lots of noise. The scouts who could spell their names in code received a small certificate to prove their success with this dying art. They were also treated to the clicking and clacking sounds of a railroad telegraph sounder which they enjoyed very much since it made the most noise in the house.

The day was considered to be a resounding success and at the end of the day, Doug, Dave & Sam were presented with certificates of appreciation signed by the 3 executive leaders of the Dartmouth area Scouting Movement. It truly was a satisfying way to end the day and HARC was again very pleased to be part of a great community event.

Sam Semple, VE1YVN

NOMINATING COMMITTEE REPORT

The nomination committee is pleased to report at this time that we have one person nominated for each position for the 2011 HARC executive as follows:

President – Fraser Mac Dougall VE1WO
1st Vice President – Bill Elliott VE1MR
2nd Vice President – Rod Padmore, VE1BSK
Secretary – Betty Caithness VE1BSW
Treasurer – John Goodwin VE1CDD
Member at Large – Sheldon Hartling VE1GPY
Station Manager – Wayne Harasimovitch VE1WPH

Respectively submitted, Tom Caithness VE1GTC
ED Grace VE1EGG

Fraser, VE1WO, retired from HMC Dockyard in 1995 after 33 years of service. Licensed in 1992 with original call VE1FMD, changed to VE1WO in 2005. Held position of First Vice President for one year as well as Treasurer for three years in HARC. Presently holds the position of Treasurer on the DX Forum Committee. Has been active in 2004 and 2008 publications of Maritime Call Book, dealing with Call Book Distribution.

Bill, VE1MR, has previously held club executive positions as President, Past President and 1st Vice President also been Callbook Editor, chairman of a club constitution committee and member of several club committees over the years. He is a retired electronic technician and technical advisor to the Dartmouth ARC & Nova Scotia Amateur Radio Association.

Betty, VE1BSW, is a retired Legal Administrative Assistant, has been a member of HARC for many years and has served as Secretary of HARC in the past.

John, VE1CDD, worked in the Electronic industry until his retirement. He now spends his time on the Radio Amateur bands and camping. John has previously held a number of positions on the executive and has participated in many of the club activities.

Sheldon, VE1GPY, was a graduate of the 2009 Basic class and went on to complete his Advanced certification this summer. For the past year Sheldon has been the HARC Membership Chairman and Reflector distribution manager. Despite a busy work schedule and frequent travel he has managed to attend almost all of the executive meetings and has taken an active role in the club.

Wayne, VE1WPH, has been a member of H.A.R.C since 2002. Currently a member of the Club executive as Station Manager. Avid supporter of amateur radio in the classroom. Member of the ARISS International Operations Team since 2003. Currently 1 of only 3 Canadian School mentors providing technical and planning assistance to educational facilities wishing to contact the ISS using amateur radio.

[RAC-Bulletin] RAC News : ITU Plenipotentiary wraps up with broad agreement on core issues

Via Geoff Bawden, VE4BAW

ITU Plenipotentiary wraps up with broad agreement on core issues

Delegates approve Financial and Strategic plans, reinforce Union's mandate in development, standards-making and global management of radio frequency resources

See: <http://www.itu.int/net/pressoffice/press_releases/2010/41.aspx>

From the ARRL Letter, Oct.14,2010

Four New Entities Placed on DXCC List

With the dissolution of the Netherlands Antilles on October 10, two now-deleted DXCC entities are now four new DXCC entities, effective October 10, 2010. The island pair of Bonaire & Curaçao (PJ2 & PJ4, the Leeward Islands) and the 3-island group of Sint Maarten, Saba & St Eustatius (PJ5, PJ6 & PJ7, the Windward Islands) have been deleted from the DXCC list of active entities and replaced with 4 new entities.

Curaçao & Sint Maarten (the Dutch two-fifths of the island of Saint Martin) have become autonomous territories of the Kingdom of the Netherlands. Bonaire, Saba, and St Eustatius now fall under the direct administration of the Netherlands."

According to the DXCC rules, entities may be added or removed from the DXCC List as a result of political or geographic change. These new entities qualified to be listed on the DXCC List under Section 2, Rule 1(b) of the DXCC rules: "The entity contains a permanent population, is administered by a local government and is located at least 800 km from its parent. To satisfy the 'permanent population' and 'administered by a local government' criteria of this sub-section, an Entity must be listed on either (a) the US Department of State's list of 'Dependencies and Areas of Special Sovereignty' as having a local 'Administrative Center,' or (b) the UN list of 'Non-Self-Governing Territories.'"

With so many DXCC entities all coming into being at the same time, many amateurs made their way to Curaçao (PJ2T, PJ2/OH1VR, PJ2/PB2T, PJ2A and PJ2MI), Sint Maarten (PJ7E, PJ7MF), Bonaire (PJ4B, PJ4D, PJ4I, PJ4LS and PJ4W), Saba (PJ6A) and St Eustatius (PJ5/AA4NC, PJ5/AH6HY and PJ5/K1XM) to put these new ones on the air. Beginning at 0400 UTC on October 10, the airwaves were filled with those looking to snag these new entities; just days after the entities became "live," stations on the islands had made more than 15,000 QSOs on SSB and CW.

Per the ARRL DXCC Desk, no confirmations for these new entities will be accepted until after January 1, 2011. Look for more info on the ARRL Web site

**The Halifax Amateur Radio Club
Monthly General Meeting
October 20th, 2010
MINUTES**

Vice-President Bill Elliott (VE1MR) in the absence of President Murray (VE1MMD), opened the meeting at 19:32 hours.

Silent Keys – VE1EL – Bill Lockhart – Waverley Bill was a founding member of Waverley Ground Search & Rescue Group.

Approval of Agenda

Motion – THAT the agenda be adopted as distributed.

Moved by: Scott (VE1QD);
Seconded by: Doug (VE1LDL) Motion carried.

Introduction of new members and guests – VE1SMC, Shane Liverpool; Murry Lycan, VE1CQ; John, N1VBT – Boston now on Eastern Shore; taking the Basic Course to upgrade to a Canadian license.

Approval of Minutes of September monthly meeting.

Motion – THAT the minutes of the September 15th 2010 monthly meeting of the Halifax Amateur Radio Club as published in the October edition of the *Reflector* be approved.

Moved by: Howard (VE1DHD); Seconded by: Fraser (VE1WO). Motion carried.

Treasurer's Report

In Keith's absence, Howard (VE1DHD) reported September expenses of \$1,587.12 and income of \$1,275.99. Closing total cash was \$8,551.36 and the closing bank balance as of the end of September 2010 was \$8,605.19. Amount owing to Estate(s) - \$503.47 for a Net Club Bank Account Balance for September 2010 was \$8,101.72.

Motion – THAT the report of the treasurer be approved.

Moved by: Howard (VE1DHD); Seconded by: Tom (VE1GTC). Motion carried.

Executive Reports:

1.Second Vice-President – Sheldon (VE1SJP) reported that the door prize for this evening is Kenwood

Shopping bag and a \$10 discount on a McFarlane tower. Christmas dinner on September 15th at the Steak and Stein on Young Street Halifax; members are encouraged to gather at 6:30 for 7:00pm.

2.Secretary – Howard (VE1DHD) reminded members of the upcoming VY0 Sable Island DXpedition starting Thursday 21 October, and the reception at 1pm on Saturday October 30th in the Club station for Club members to meet the Sable Island team.

3.Station Manager – Wayne (VE1WPH) indicated that refurbishing of the Club Station is proceeding well. We now have three functioning operating positions in the Club station together with a Duty Manager position for EMO operation if and when required. The main room has now been tidied up and we will have a number of flags on staffs in the near future. Wayne would like to have someone volunteer to take on the responsibility of coordinating the regular Saturday morning open house sessions. Wayne indicated that the Club now has access to a proper kitchen area across the hall from the Club Station. Bill (VE1MR) reported that the newly purchased vertical (HyGain – DX88) antenna has been installed on the roof of the Centre. However he and Wayne have been unable to get the antenna to perform as it should; the SWR is way off on all of the bands. Bill will be writing to HyGain with copy to Durham Radio where the antenna was purchased.

Committee Reports:

Membership – Howard (VE1DHD) reported for Sheldon, indicating that there are 4 Life members; 38 Associate (increased over September due to the new Basic Class – their membership carries over into 2011) and 112 Full members for a total of 154 paid-up members for 2010.

1.Maritime DX Forum - Scott (VE1QD) – Scott brought forward a list of members for the 2011 MDF Planning Committee for approval:

Scott (VE1QD) - Chair

Howard (VE1DHD) – Vice Chair

Gary (VE1RGB) - Secretary

Fraser (VE1WO) - Treasurer

Carol (VE1 WCBW) – Food services

Frank (VE1FIS) - Registration

Motion – THAT the above list of members for the MDF Organizing Committee be approved. Moved by Scott (VE1QD), and seconded by Doug (VE1LDL); carried.

Scott reported an \$888 surplus in 2010 plus return of the \$1000 float to the 2010 event. Scott reported that \$375.00 will be placed in the HARC General Account from the surplus proceeds from the MDF in 2010.

Motion – THAT \$375.00 be donated to the Club and \$509.56 be retained to seed the 2011 MDF. Moved by Scott (VE1QS) and seconded by Brian (VE1AZV); carried. Scott reported that Hiro (from Japan) had placed a four-page spread on the 2010 MDF in CQ Ham Radio, the Japanese Ham journal.

Scott reported that Dave Nimmo (VE1NN), Bob Swinwood (VE1PQ) and Scott have reviewed and summarized questionnaire returns related to the revitalization of RAC. This material will be forwarded to RAC in the next week so that the material can be tabled at the upcoming RAC long-term planning meeting in Ottawa.

Basic Course – Barry (VE1TRI) – Barry reported that there are 12 students taking the basic course this year and one taking the course as a distance education student. There are four YLs in the course this year, and the majority of those taking the course are sailors who are taking the course to allow them to operate HF on the Ham bands from their boats.

QSL Bureau – Tom (VE1GTC) – reported that unclaimed cards in the Bureau have been removed from the system. Tom is sending letters to the

(Continued on page 7)

Christmas - What other time of the year do you sit in front of a dead tree and eat candy out of your socks?

holders of these “non-active” cards to inform them that if unclaimed they will be destroyed. Tom is also sending letters to new Hams to inform them about how the Bureau operates and to encourage them to pick up cards. Bill (VE1MR) reported that over 600 cards were dispersed at the Greenwood Flea Market. Tom also indicated that he is prepared to be a member of the Nominating Committee but is awaiting the appointment of a Chair. In the interim, Tom is compiling information on potential candidates

EMO – Dave (VE1AJP) reported discussions at the latest EMO – Amateur Radio Advisory Committee meeting concerning how to stimulate a broader interest and involvement by Radio Amateurs in Emergency Preparedness. One example will be a new programme called “Storm Watch” for Radio Amateurs. This group will be activated during the next large storm (hurricane or winter storm) to gather information on local damage, and weather status on the fly.

Search & Rescue – Dave (VE1AJP) – David reported that a digital repeater has been installed in the S&R Command Vehicle but it has not yet been used in an active call.

Old Business:

Trailer Project – update – Bill (VE1MR) – Bill reported being busy recently so there is nothing new on this project but he hopes to accomplish some small tasks next month.

Tube Bank – Tom Gaum (VE1BMJ) reported that some tubes have been moved to NSARA storage and the better, saleable tubes have been sorted and are in his garage. All tubes have been catalogued by hand but he hopes to have the data transferred to a spreadsheet so it can be made available electronically on our Club website. Tom took tubes to Greenwood and sold over \$100 worth at that Flea Market, and took orders for tubes that he did not bring with him. Going forward, Tom indicated that he is interested in getting some feedback from Club members on how the Tube Bank should be maintained and advertised. Interestingly there are opportunities for tube sales beyond the Ham community, particularly to musicians who have tube-based amplifiers.

1.HARC Long-term Storage – Wayne reported that although we are not getting pressure from the Bloomfield administration to clear out our storage area at Bloomfield, he plans to set aside three weekends to begin assessing what is stored at Bloomfield. All material will be categorised into trash, material to be sold to Club members, and material to be kept. After Club members have had a change to purchase what they want from the surplus group, the remainder will be taken to the 2011 Down East Flea Market, and if not sold, will be destroyed.

2.Nominating Committee Chair 2010 – Bill indicated the need for the appointment of someone to Chair the Nominating Committee to assist Tom; however, there were no volunteers.

New Business:

1.Bill (VE1MR) reported that John Doull’s Tower and Beam – KT34 (KLM Beam) and 48-foot Delhi tower – are

now available for purchase.

2.Auditor 2010 Appointment – Bill reported the requirement to have an Auditor appointed for 2010. There were no volunteers, however Fraser suggested approaching our 2009 auditor since he is experienced in the process.

3.Flea Market 2011(May 14th) – Tom (VE1BMJ) indicated that he would like to have a co-chair and indicated that he has a volunteer in mind to assist this year.

4.Field Day 2011 Chair – Bill indicated a need to have a Chair for the 2011 Field Day event identified reasonably soon. This year the event will be held in either the EOC in Dartmouth or at the Club Station since it is the backup emergency communication area.

5.Callbook 2012 – Bill indicated that there is a need to have the callbook “Project Manager / Editor” appointed by early in the new year in order to begin the process for our May 2012 edition release.

6.ARISS - Wayne reported that as a result of the efforts that Club members have made and the encouragement that they have given to ARISS activities, the Sacred Heart School in Halifax has informed him that they will be establishing a permanent Amateur Radio station in the school and they hope to be appointed to make a direct contact from the school to the ISS when Chris Hatfield is onboard the station.

7.Doug (VE1LDL) reported that Sam Semple (VE1YVM) and Dave Musgrave (VE1EDA) and himself helped the Scouts with JOTA this month at Camp Harris on the Eastern Shore; Doug tabled a plaque that the Scouts presented to them for their efforts.

50/50 Draw - \$ 22.10 was won by Wayne, VE1WPH who donated the proceedings back to the club.

Door prize – was won by Ed, VE1EGG).

There being no further business, on a motion by Doug (VE1LDL) the meeting was adjourned at 2045 hours.

Guest Speaker: Wayne (VE1WPH) – ARISS Halifax Contact.

Respectfully submitted

D. Howard Dickson, VE1DHD,
Secretary, HARC



From the ARRL Letter Sept.30, 2010 Japanese and Canadian Amateurs Claim First 2200 Meter JA-VE QSO

Kunikazu Togashi, JA7NI, in Daisen, Akita, Japan, and Scott Tilley, VE7TIL, of Vancouver, B.C., completed a transpacific QSO on 2200 meters (137 kHz) on Sept.28. Tilley called this a first between Canada and Japan. The distance between CN89dk (VE7TIL) & QM09fl (JA7NI) is 7162 km. While not the DX record for 2200 meters, Tilley told the ARRL that the QSO comes in second to the distance achieved in 2004 by operators at the Wellington Amateur Radio Club Quartz Hill User Group, ZM2E, in New Zealand and Vladimir Burakov, UA0LE, in Vladivostok, Russia.

From the Mail Bag

Greetings all, I would like to say thanks to you all for coming out to the meeting yesterday. It was nice to meet Rob and Peter for the first time and put a face to the voices. Hopefully we will have IRLP and APRS fully in use soon. I think the meeting went well and points of interest were discussed. Thanks to Bill and Tom for helping me with amateur, packet and repeater activity in the HRM. Thanks to the NSARA for working with Bob to set up the radio station at the weather office. It was also nice to see Shane again and I am sure I will be talking to you soon again in the Amherst area. Thanks to Bob for hosting the meeting and getting CANWARN started here in Nova Scotia. Jim VE1AFH as always, thanks for the drive and company to Halifax.

Very excited about the possibility of a UHF Repeater being put in and having a CANWARN practice after Handshake on Nov. 30th.

Bill, I will make up a short notice about the practice session coming up and get it off to you soon.

Tom, thanks to you, Bill and the NSARA for all the work and time you guys put into having Cape Breton linked to the Mainland. Greatly appreciated.

Thanks,

James (Jim) Langille, VE1JBL
President: Westcumb Amateur Radio Club
RAC Section Manager: Maritimes
CANWARN Atlantic
Phone: 902-667-1485; Cell: 902-694-5524
Skype: ve1jbl

E-mail: ve1jbl@ns.sympatico.ca

Web: www.maritimeamateur.ca

Club: www.westcumb.ca

Monitor: Amherst NS VE1WRC 147.285+ IRLP 2060

Sackville NB VE9SKV 145.230- IRG 166#

Springhill NS VE1SPR 147.000- MARCAN 130*

Echolink Node # 320325

Packet Mail: ve1emx-1 via ve1net-1

A parapsydokian is a figure of speech in which the latter part of a sentence or phrase is surprising or unexpected in a way that causes the reader or listener to reframe or reinterpret the first part. It is frequently used for humorous or dramatic effect. For example

"If I agreed with you, we'd both be wrong."



**Answer to
Puzzler on
page 1**

F.L.I.R. is:

Forward

Looking Infra Red, night vision thermal imaging. It detects body heat, i.e. thermal energy!

Message ----- Subject: ADS-WS1 Weather Station
To: Jim Langille <ve1jbl@ns.sympatico.ca>

Here is the cheap Wx I was thinking about.
73, Ron (VE1AIC)

ADS-WS1 Weather Station [ADS-WS1] \$155.00

https://www.argentdata.com/catalog/product_info.php?products_id=135

<http://wiki.argentdata.com/index.php/ADS-WS1>

Message

FYI the new WX station is now on the 'air'...best time to put up a wx station is during a storm of course.

I'll get some pictures tomorrow but you can see it on APRS since its connected to a Pheonix radio as VE1AIC-8.

Its main unit is still indoors for testing so temperature and humidity are from my basement.

73, Ron

<http://www.findu.com/cgi-bin/wxpage.cgi?call=VE1AIC-8>

> On 11/05/2010 11:15, Jim Langille wrote:

Hi all CANWARN stations,

Here is a ARPS Weather station that Ron VE1AIC has purchased. For your information.

Jim VE1JBL

Message – From: "VE1AIC" <ve1aic@gmail.com>
Subject: Fwd: ADS-WS1 Weather Station

Just received the ADS-WS1 yesterday and it looks good. It includes sensors for Wind Speed, Wind direction, rainfall, temperature and humidity.

The WS1 has serial output for computer (Beet Bros format) for regular use, as well as outputs to go directly to your APRS-WX radio (Audio, PTT etc).

It works good on the bench and will test it out fully this weekend with a radio connected.

Price in CDN was \$175 landed here.

73, Ron, VE1AIC

Subject: [ARES_sec_dec_ec] CANWARN interview on CBC Alberta

Recently Gary Wheeler VE6CV and Bob King VE6BLD were interviewed on the CBC Alberta program "Alberta at Noon". I thoroughly enjoyed the interview and thought you might like to give a listen. Go to <http://www.cbc.ca/albertaatnoon/episode/2010/11/01/weather-watchers/>.

Many thanks to Alberta Section Manager Garry Jacobs VE6CIA for passing this on.

73, Doug Mercer VO1DTM

Vice President Field Services, R.A.C.

Why are a "wise man" and a "wise guy" opposites?



A work party at the Club Station Sept.30 assembled the Club's new Hygain DX-88 antenna and installed it on the roof. Doug, VE1LDL, brought his camera to record

Above: Fraser, VE1WO & Bill, VE1MR assembling the antenna

Below: Station Manager Wayne, VE1WPH & Bill, VE1MR on the St. Andrews Centre roof beside the new antenna.

Why doesn't glue stick to the inside of the bottle?



The original point and click interface was a Smith and Wesson.

RAC Bulletin 2010-018E Bulletin number 1 from San Salvador

Radio Amateurs of Canada President Geoff Bawden, VE4BAW, and Vice President International Affairs Daniel Lamoureux, VE2KA, have arrived in Salinitas, San Salvador to participate in the IARU Region 2 Triennial Conference held from Oct 4th to 8th.

Representatives from the Region 2 Member Societies are meeting once every 3 years to review all facets of Amateur Radio and to set policies aiming at promoting, protecting and defending our privileges. Further reports will be sent to you during the Conference.

Daniel Lamoureux, VE2KA – RAC VPIA and IARU Region 2 Executive Committee Member.

From the ARRL Letter, Nov.4, 2010

Thai Hams Provide Pivotal Role During Monsoon

Heavy monsoon rains in Thailand have devastated parts of that country, with almost 60 dead and 100,000 homes in 32 provinces damaged or gone. According to the Radio Amateur Society of Thailand (RAST) -- that country's IARU Member-Society -- amateurs in the Nakhon Ratchasima and Chaiyaphum provinces have been helping authorities coordinate the rescue & relief efforts. Nakhon Ratchasima is Thailand's biggest province, with a population of 2.7 million in 32 districts with 3700 villages.

Under the guidance of National Disaster Warning Center Advisor Manas Songsaeng, HS1DE, the Nakhon Ratchasima Amateur Radio Association's (NRARA) club station HS3AN has been coordinating relief work with the help of other Amateur Radio communications centers based in Khao Yai, Phimai and Chaiyaphum that were also providing information to people traveling to and from Nakhon Ratchasima. Located at the provincial hall, the club has been working closely with government agencies, relaying details about the emergency situation to officials and relief workers.

Surplus club equipment:

- A) We need people to determine what are surplus items.
- B) We need a co-ordinator to allocate designated items to people for assessment and pricing.
- C) We need people willing to assess equipment and research asset prices.
- D) We need some one to prepare lists to offer to club members - in Reflector
- E) We need people willing to try to sell designated items by whatever means.
 - a) Flea markets
 - b) Swap shops - on line
 - c) E-Bay

**RAC Bulletin 2010-030E -
Bulletin #2 from Ottawa., 2010-11-02**

The Board, Executive and other key personnel arrived on Friday, and we have worked long hours through till Sunday afternoon. This took place in a collegial, problem solving atmosphere with open and frank discussions by all participants

* Our member's valuable input was reviewed and discussed in detail, and incorporated into the work done on the draft RAC Vision which will be printed in TCA and a RAC notice in the near future.

* The topic of tiered memberships was discussed and has been forwarded to the Admin and Finance committee for additional financial analysis. This also includes options for a youth and/or student memberships.

* A 2011 budget is being prepared, and is being reviewed by the Admin and Finance committee at this time.

* The outgoing QSL bureau was discussed, and future funding and operating options were discussed.

* A recognition program for our volunteers, who are the backbone of our organization, is being implemented.

* We are moving forward on an improved communications strategy that will push information and news to our members, through a variety of mediums, which would include – Ham nets, local club communications, face-to-face meetings, presentations, newsletters, 'The Canadian

Amateur' magazine, the web site, bulletins and social media channels.

* In addition, we are actively looking at improving the feedback mechanisms from our membership.

* RAC is the single, national voice for the interests of all Amateur Radio operators in Canada. The Board and Executive believe that an active and growing membership in RAC is the key to effective and strong representation of Amateur Radio in Canada, and with your support, this can be accomplished.

Geoff Bawden, VE4BAW - President,
Radio Amateurs of Canada

"Denying a fact does not change that fact."

RAC is the only recognized voice of Amateur Radio to the government & agencies, both national & international, who make the rules that we have to abide by to pursue our hobby.

RAC, the organization, is not what it needs to be (structure, culture, financial health, value proposition, outdated core values, etc.). We Canadian amateur Radio operators need to change that; we're the only one's who can. We won't keep our usage privileges on "our" portions of the RF bands by retreating like hermits to our shacks, loftily maintaining that others will defend amateur radio while we enjoy our privileges. If amateur radio is important to you, support the only recognized voice we have! -ed.

CONSIDERING the FUTURE of RAC: QUESTIONS FOR REFLECTION & RESPONSE

A brief presentation and discussion on 15 September 2010 at the monthly meeting of HARC was a start in our consideration of the *Process to Transform RAC* that is now underway. However, for many of us, we need a little more time to consider our responses. Maybe, we also need a chance to turn over various ideas within our smaller groups such as frequent coffee meetings. Others may not have been able to attend the meeting, but also have something to say. Please take the time to respond in your own way to the follow questions. This can be anonymous. Please mail them to: K. Scott Wood, VE1QD, 232 Moser Island Rd., Glen Margaret, NS B3Z 3H5, or e-mail them to kswood@dal.ca. If you wish to reach me by phone, call my home at 823-2761.

The material obtained from our meeting, responses to this questionnaire and notes from any subsequent meetings will be used to fashion a contribution to a Planning/Visioning meeting that RAC will hold in October as part of the transformation process. Some of the important background materials and links to the RAC Blog can be accessed from the HARC Home Page: www.halifax-arc.org.

1. What hopes and dreams do you have for RAC, i.e. looking ahead what would you like it to be and to do?
2. When you consider your "ideal" RAC, what steps do you believe are necessary for your dream to be realized?
3. Are you a member of RAC?
4. If no, why not? What would motivate you to join RAC?
5. Are there other comments that you wish to share?

If you need more space for your answers, please use additional pages, being sure to indicate what question the response belongs to. Thanks for sharing your views. I will feed back to everyone a summary of the responses.