

marc0gram

Official Publication of The Montreal Amateur Radio Club Inc. Box 53047 - RPO Dorval, Dorval Quebec H9S 5W4

A MARC Monthly Newsletter

Volume 57, Number 01 September 2011

Next meeting - September 28, 2011

Ragchew and Fleamarket: 19:30, Club meeting: 20:00

Ignatius of Loyola Parish Church

4455 West Broadway (corner of Terrebonne) in N.D.G. - Montreal

(Please enter by the back door)

Emergency Power by John Grow.



A Word from The President.

Hello,

Fall is here and we are starting up another season. Hopefully you all had a good summer and avoided the worst of the weather which we've seen.

With the start of the new season it is time to renew your membership. You'll find a membership form with this issue and you can send it in with your dues or bring it to the meeting.

Alternatively you can renew online at <http://www.hay-net.net/~ve2arc/memform/>.

The annual general meeting will be coming up in October at which time you will be electing a new board of directors. If you are interested in joining the board please let me or one of the directors know.

I am looking forward to seeing you all at the meeting fresh from the relaxation and rejuvenation of summer and ready for another season of club and amateur radio activities.

73 de Jim.

DIRECTORS

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Club Call Sign: VE2ARC

Club Website: <http://www.marc.qc.ca>

Club Email: ve2arc@rac.ca

Repeaters

VE2BG 147.06 MHz (+)

Owned and operated by Montreal Amateur Radio Club. Located on the Point Claire water tower.

VE2RED 147.27 MHz (+)

Owned and operated by the Montreal Amateur Radio Club.

Meetings of the Board of Directors

Meetings of the Board of Directors are open to any member to attend. Board meetings are held on the first Wednesday of the month (Sept. to June) at 7:30 PM at the Montreal Association for the Blind, 7000 Sherbrooke St. West.

Should you wish to attend one of the meetings you are welcome. Just speak to one of the directors before-hand to make certain that the meeting has neither been cancelled, nor the location changed.

The MarcOgram is published nine times per year on the second to last Wednesday of September through June, excepting December, by the Montreal Amateur Radio Club.

Advertising and copy deadline is one week prior to publication.

Associate Editors.

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Annual Fees are:

GeneralMembers...	\$25.00
Associate Members	\$25.00
White cane members	\$15.00
Family members (per family)	\$30.00

The membership year runs from September 1 to August 31. Membership received on or after June 1 commences immediately and extends through the subsequent membership year - covering a period of up to fifteen months.

Articles published in the MarcOgram may be reproduced provided credit is given to the original author and the Montreal Amateur radio club.

The opinions expressed herein are, unless otherwise stated, solely those of the authors concerned, and not those of the Club, the Directors or members and do not represent the policy of the Club.

Club Activities - Monthly Meetings

Club meetings are held on the last Wednesday of the month. The meetings will be held in the Lounge which is the rearmost door on the South side of the building unless we have reason to hold it in the Parish Hall which is the first door on the South side of the building. An informal flea-market and ragchew session starts at 19:30 with the formal meeting starting at 20:00. STM buses 51, 162, and 105 stops at or near the door!

From the Editor's Desk

As summer draws to a close and autumn is just around the corner, I would like to take this time to welcome you all back to the Montreal Amateur Radio

Club and the MarcOgram our monthly paper.

As I said numerous times before, I am always open for articles and suggestions for the MarcOgram and I look forward to hearing from you. The deadline for articles is the 2nd Monday of each month and I usually start working on publishing on the 3rd Monday of the month.

73' de Sheldon, editor.

Notice Of Meeting.

Notice is hereby given that the Annual General Meeting of the Montreal Amateur Radio Club, Inc. will be held on Wednesday, October 26th 2011 at eight o'clock in the evening at the St. Ignatius of Loyola Parish Church, 4455 West Broadway (corner Terrebonne) in N.D.G., Montreal. The meeting is called to Receive and if thought fit, approve the reports of officers, Receive and if thought fit, approve the reports of the auditor, elect a board of directors for the ensuing year and to transact such other business as may properly come before the meeting.

Given at Montreal this 21 day of September. 2011

(sgd) George C Hedrei
Secretary. George C Hedrei,
VE2NGH.

Emergency Power by John Grow VE2EQL.

This session will describe John's home back up system, the components and how it is all connected.

John's station has 2 fixed HF and VHF radios which could operate from either 120 VAC or 12 VDC, with a simple switch. He also has two (2) portable HF radios, which can be operated with in the field for many hours. He has constructed many portable power packs that are integrated with battery, charger and in some cases an inverter. The batteries are continuously charged, under a float charger, and if there is loss of AC, the batteries can take over. The radio room is powered via LED's, so under a black out situation, here is ample lighting. The same LED lighting is portable and can be moved to any location in the house.

The session will be a presentation of photo's, diagrams and printed information sheets.

The Mobile Ham

Well summer has pretty well come and gone and once again, I'm feeling it. This is the second year in a row where as the weather gets increasingly "fall like", the instinct to finish up that antenna and have it tuned, mounted and running before

WANTED

SUPPORT FOR THE MARCOGRAM

The editorial staff of this illustrious monthly newsletter request the support of our hams. It's getting increasingly difficult to obtain material that's of interest to our membership and therefore provide something that you all look forward to read. We need activity news of our local radio amateurs, I'm sure we'd all like to know what you are doing.

Please contact one of the following with your news items and don't forget to include pictures.

President: James R. Hay, VE2VE
514-697-7205

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Vice President: Sheldon M Werner, VA2SH

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Treasurer: Vernon Ikeda, VE2MBS
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(submitted by the editorial board)

winter is more and more difficult to put aside.

Just last weekend, I pulled my new loading coil of it's form and as I write these words, I'm preparing to make and fix it to it's center mast. The new coil has less turns than my last one but they are wider spaced, so it still makes for a big coil at 6" diameter. It has 42 turns and is about 12" long and is made out of 12awg silver plated, copper clad, steel. Preliminary meas-

urements look promising and if I can make it mechanically stable, I'll have built myself a nice looking loading coil with a very high Q.

I used the mobile HF rig to get in some good QSOs during our more or less, annual fishing vacation up to Guoin reservoir. I used a fishing rod and a hook-less sinker to cast my cut dipoles up into the trees. It was field day all over again. I had two antennas. One for 40 meters made by pros and another for 20 meters that I threw together on site, using speaker wire, an empty fishing line spool for the center insulator and plastic bungee cord hooks for the end insulators. Guess which antenna I had the most fun with?

I made several lighthouse contacts on 40 and 20 meters, with operators around the US for the International Lighthouse and Lightship weekend. I also received good signal reports from Germany, but my most memorable contact this summer happened on 20 meters when calling CQ and Ray, N0IRN answered my call.

Ray was on a camping trip and as it turned out, had done just about exactly what I had done to get his antenna up in the trees. What made the contact so great though was that Ray was with a group of scouts. Under Ray's supervision, I had a chance to chat for a little while with some of the kids from Ray's troop. I'm not sure who was more thrilled the kids, or Ray and myself. Nevertheless a good time was had by all and I hope some day

to hear one of those scouts on the air using his own call sign. Who knows? Maybe I'll answer is CQ call and maybe he'll remember that evening at camp when he answered mine.

73 de paul ve2ofh

Frank's VE2TOR, Cross-Band Repeater Project.

Hi to everyone,

Here is this past weekends results of my cross band testing.

The location was the same as the one va2ry and I checked out a few weeks earlier. Was the mountain on the left side of autoroute 15 just before coming into Ste Agathe. The idea being to cover the village of Ste Agathe.

We got the wagon to just about the top of the mountain. Unless we get a chain saw the wagon will not pass on the trail that goes to the actual top.

Norm came along with me all the way. We had to use the tree trimming tool to cut a path through the fallen tree on the way up. That part was slow but worked out very well. Got to the top and we did the setup. First thing was to unpack Alex's home brew antenna 6 element UHF beam and get it up in the tree. It went together perfectly and we used a cord to tie it to the tree. Since we were pretty much at the top of the mountain and there was nothing around but trees no height of the antenna was required. We got it at around 6 ft off the ground. Same

thing went for the VHF (dual band) ground plane antenna. I hung that from a branch. Since it was going to be dark in a few hours I didn't spend a lot of time trying to get the setup any better. Couldn't get into much on VHF except for ve2rmp, but that was sufficient for the test. Down the mountain we went.

Norm headed for home and I went for a drive around around Ste Agathe. I was using the UHF low profile antenna on the car. The cross band repeater was putting out 5 watts on both UHF and VHF and I was putting out 5 watts in the car. Except for a couple of places I was full quieting into the cross band repeater resulting in a full quiet signal into ve2rmp. I drove around Tour de Lac which is the road that goes around the lake. The entire lake except for a spot or two is covered. If we had gone to the very top and I used a 5/8 wave on the car (for the test next time) I am pretty sure the "dead spots" would have been eliminated.

Now comes the tricky part. Getting the equipment down. It was just starting to get dark. Very spooky going up there at that time. I was able to take down and pack up everything just before I could barely see anything. I had flashlights with me but was still too light for them. Going down the mountain was a lot harder than going up. There are no brakes on the wagon and I had to work to get it to not head down by itself. Also it was very prone to tipping over as well as giving a really rough ride to what it was carrying. I carried the radio and SWR meter in my back

pack. If I had taken solar panels they would not have survived the trip down. And just about 200 ft from the car the wagon got stuck on a rock and the whole thing flipped over spilling everything across the trail. Nothing was damaged and I was able to get it back in the wagon and finished the trip down.

So I am pronouncing this test a great success.

By. Frank Torontour VE2TOR

If you remember Last February's MarcOgram, I wrote of my experiment using the cross-band repeater function on the Kenwood TM-D710A, which ended in a "fried antenna". It proves that with the right equipment, one can receive desirable results. Keep us posted on more test results Frank!

By. Sheldon VA2SH.

Items for Sale

Kenwood TS-950S Digital with microphone, manual & box with full set of filters, checked via Kenwood USA with all papers \$ 1200.00
Firm

Kenwood MC-60 Desk Microphone \$ 100.00 (will only sell after TS-950 sale)

Kenwood SP-950 Speaker with box \$ 150.00 (will only sell after TS-950 sale)

Kenwood PC-1A, Phone patch, with cables \$ 50.00

ICOM IC-735 Transceiver with Internal CW Filter FL32A and Keyer EX243 , Manual and Service Manual \$ 425.00

Realistic / Radio Shack SX-190 Shortwave Receiver with Matching Speaker, Manual and bounded service manual and articles. Works great. \$ 200.00

Realistic / Radio Shack DX-160 Shortwave Receiver with matching speaker \$ 100.00

Radio Shack HR2600 - 10 meter Transceiver, complete with box \$ 150.00

Radio Shack HR2600 - 10 meter Transceiver, mic & power cord / manual. \$ 125.00

Cushcraft R7 Vertical Antenna, 10, 12, 15, 17, 20 & 40 meters (used portable) \$ 275.0

Cushcraft R-6000 Vertical Antenna, 6, 10, 12, 15, 17 & 20 meters \$ 225.00

Astron 99, Vertical Antenna. Covers 24 – 30 Mhz, \$ 75.00

Boonton Model 91 Grid Dip Meter, with extra tube for remote head. (spare parts kit) Manual \$ 125.00

Mountain Expedition QRP pac for FT817 transceiver \$ 60.00

ICOM LC-156 military style-pac for IC-703 or IC-706 (never used) \$ 80.00

ICOM seperation kit for above (can be used with IC-703 or IC-706) \$ 85.00

Lowe SRX-30 Shortwave Receiver with manual (Very Rare) \$ 250.00

Nye Viking Phone Patch \$ 20.00

Heathkit, Regulated Power Supply, Model IP20 \$ 25.00

600 VDC Analog meter in a metal cabinet. Meter is 4 x 4 inches. \$ 20.00

EIMAC 4CX1000A Tubes (very very low hours) \$ 110.00 each

EIMAC 4CX250 tubes (2 NOS) \$ 40.00 each

EIMAC 4CX250 tube sockets (2 pieces) \$ 22.00 each

EIMAC 4CX300 tubes (4 NOS) \$ 42.00 each

Drake TR5 Transceiver. Original manual & Box, Only 790 units made. SERIOUS INQUIRIES ONLY

With NB-5 Noise Blanker, CW & SSB Filter, & FA-7 Fan
Drake PS-75, Matching Power Supply, original manual
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Drake WH7, Watt Meter,
Drake MN75 Antenna Tuner with B-1000 balun option, original manual,

Drake RV7, Remote VFO, original manual,

Drake DL1000 Dummy Load, with FA-7 option,

Drake 7077 Desk Microphone, (Drake accessories will only be sold after the TR5 is sold)

Contact John Grow VE2EQL
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RADIO H.F.



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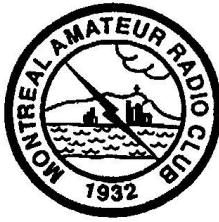
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MONTREAL AMATEUR RADIO CLUB Inc.

R.P.O. Dorval, P.O. Box 53047, Dorval, Que. H9S 5W4

MEMBERSHIP APPLICATION FORM - 2011 / 2012

(Membership year is September 1 to August 31)

Is the information from last year correct? If not, please correct address and any other new information below:

Lastname: _____ Firstname: _____ Call: _____

Address: _____

City: _____ Prov: _____ Cntry: _____ Pcode: _____

Home Phone: (____) ____ - ____ Work phone: (____) ____ - ____ ext.: _____

e-mail: _____ Packet: _____

Postage and printing of the MarcOgram represents a substantial expense for the club. Would you accept your Marcogram by e-mail (Adobe Acrobat format) instead of Canada Post? YES NO

Each year we publish a membership list in MarcOgram. PLEASE indicate if we can publish your data by writing:
Y (YES) = OK publish, or: N(NO) = DO NOT publish - in each space below.

NAME CALL ADDRESS HOME PHONE WORK PHONE E-MAIL

(If not answered only your Name and Call only will be listed. Items NOT answered will NOT be listed)

I am applying for: a Single membership at _____ \$25
 a Family membership at _____ \$30 **
 a White Cane membership at _____ \$15

** Please fill a separate sheet for each family member. Call or name of paying member: _____

If you are a first time member, who introduced you to MARC: _____

Signature: _____ Date: _____

Are you a member of Radio Amateurs of/du Canada (RAC)? YES NO

Are you a member of Radio Amateur du Québec (RAQI)? YES NO

N.B. Person accepting form for MARC please complete this section

Rcvd \$ ___ by Cash Chq Other Rcvd by _____ Date: _____ dB date _____ by _____

------(You may cut on this line and retain as your record of payment) -----

Call or name: _____ paid \$ ___ by: Chq Cash other on (Date): _____

Signed: _____ Date: _____ (Not official receipt unless signed by club officer)