

# marcOgram



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

A MARC Monthly Newsletter

Volume 52, Number 3 November 2006

*Next meeting - Wednesday 29 November 2006*

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

**Presentation of D-Star by Eric Meth, VE3EI**

*St. Ignatius of Loyola Parish Church*

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

(Please enter by the back door)

**Montreal Amateur Radio Club Inc.**  
**1932 - 2007**



*Happy Holidays!*






*Joyeuses Fetes!*

**2006 - 2007**

## A Word from The President

Hello,

This past month saw the club elect a new board of directors. First off I want to thank Don Dashney, VE3RM and Raymond Faguy, VA2RY for their time and dedication to the club. I know that both will continue to contribute to the club in different capacities. Now I want to welcome Nick Kalantzis, VE2WPT as a new member of the board. Last but not least welcome back to Craig Brander, VE2YGK who served previously as a director for a number of years while he was also editor of the MarcOgram.

Our holiday dinner is coming up and I am looking forward to seeing many of you there as it is always an enjoyable social event. As was the case last year we are not scheduling a speaker but instead will leave you more time to enjoy conversation with your fellow amateurs and their families.

This month's topic should be quite interesting as it involves the D-STAR technology which has recently become available. Many of you know Eric Meth, VE3EI so this should be a good meeting.

We are making an effort to improve the membership of the club. Presently our renewal rate is behind that of last year. Not only would I like to improve that but I would like to finish this year with an improved membership over last year which I do believe is possible. Our membership is our strength and the diversity of our members makes our meetings interesting. It is always a pleasure to hear the myriad topics of conversation among members as they enjoy a cup of coffee and snack after each meeting.

While the weather is turning cooler I hope that will not deter you all from letting John or Roman know that you will be at the holiday dinner and also that it won't keep you from attending the meeting.

73 de Jim.

### DIRECTORS

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

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Ron Campbell, VA2RJC

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**Club Call Sign:** VE2ARC

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

**Club Email:** [ve2arc@rac.ca](mailto: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.*

**VE2RJS** 449.975 MHz (-)

*Owned by the Montreal Amateur Radio Club and operated by the Cote St. Luc Amateur radio Association.*

### 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.

### Editor

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### Annual Fees are:

General Members	...	...
\$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.

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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.

James R. Hay, President

## From the Editor's Desk

The comments in this column are solely the views of the editor with no prodding from anyone.



### 49TH JOTA 2006

Without a doubt, the most outstanding event in October for me was being given the opportunity to undertake a video shoot at the 49th Jamboree On the Air (JOTA) held at Mosport International Raceway, Ontario, located about 100 Km east of Toronto. My son and I left Ottawa on Friday 20th October had a good nights rest at a local hotel and were able to make a good start on the morning of the 21st.



*VE3EBC - Nicolas Blacklock of Scarborough ARC assisting a young scout and guide to make international contacts. On this effort they were successful with a contact from Lisbon, Portugal. The two young ones were absolutely thrilled and asked and responded to many questions. Nick came very well equipped apart from the communication equipment but a small generator and gas fired heater that was useful at times.*

The 49th JOTA actually the White Pine Council Jamboree is a part of the

world-wide jamboree -on-th-Air where over 400,00 members of scouts and Guides from around the world meet each other over the airwaves. Each of the sub-camps have their own Ham Radio Stations under the control of licensed Ham Radio Operators. The coordinator for this years Pine Council Jamboree was Mr. Stewart Bowman who had a team to assist in this very successful endeavour. This year saw over 300 scouts and guides attending the jamboree. The Amateur radio co-ordinator was Bill Burgess, VE3CRU. of Contest Club Ontario and Ontario VHF association. Bill had the following five radio amateurs who gave support:

VA3WYC - Walter Cang of South Pickering ARC  
 VE3BRQ - Garth Bazuk of South Pickering ARC  
 VE3EBC - Nicolas Blacklock of Scarborough ARC  
 VA3EAM - Eric Mundle with no club affiliation  
 VE3BME - Bill Mantel of South Pickering ARC who helped set up and tear down.

Bill attended his first JOTA 10 months after being licensed and 4 months after becoming president of the South Pickering ARC. There was 3 clubs involved. This was 2003, the 46th JOTA. The following year he coordinated the ham teams for the event, and on completion was asked to serve on the JOTA team planning committee. His commitment was not to select hams by club affiliation, but rather to select hams most capable and willing to fulfill the goals of JOTA, namely global communications with their peers via voice ham radio contact, starting in 2004 and continued to the present. This year saw more eager participants, anxious to take the microphone to make contacts abroad. Modes were ssb and fm on HF and IRLP, using 15, 20, 40 and 80 meters plus 2 meters.

### Where's the Podcast?

I've completed the pre-production plan and outline of the first 'ham podcast' and have started on the script writing phase. As soon as I'm convinced it's a do-able script I'll go ahead and record it. The next phase will be editing, that includes the script clean-up and adding jingles and any music. The final function is to post it on a web site. At this stage I'm still pondering over where to put it, i.e., somewhere temporary to see how it goes and then jump to a more permanent site if it's successful or go straight to a permanent site. That's my decision and it won't effect users.

That's all for this edition.

*Your editor*

*Rjcam the video-ham.*

*VA2RJC*

## 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 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 stop nearby.

### MARC meeting, January 31, 2007

Introduction to HF Digital Voice by Francois Daigneault , VA2AAY

"How Charles G4GUO, and AOR Ltd., managed to squeeze digitized speech in 3 kHz of bandwidth."

## 2007 Hamfest

**MARC Hamfest April 21, 2007**

## Submissions for entry into marcOgram

For submissions of text only it is preferable that you send as a ".txt" file, however, MS Word is acceptable.

For pictures please use "jpg" format with maximum size 400 x 240. Where possible use at least 240 dpi.

For clip art if possible use "gif". Maximum size 480 x 340 pix. This will give a picture size of approximately 8 Kb.

Contact me at:

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[va2rjc@marc.ca](mailto:va2rjc@marc.ca)

Home Tel: 514-767-2804  
Snail mail: Ron Campbell, 201 Du Club Marin, Apt. 209, Verdun, QC. H3E 1T4

## From The ARRL

### HF, DIGITAL TV OPERATION FROM SPACE ON THE ARISS HORIZON

Plans to deploy an HF transceiver and a digital TV system in space were among the highlights of the Amateur Radio on the International Space Station (ARISS) 2006 International Delegates Meeting October 9-10 near San Francisco. The session also marked ARISS's 10th anniversary. In November 1996, delegates from eight countries met in Houston, Texas, to lay the foundation for the joint educational outreach program and map plans to establish a permanent ham radio presence in space. ARISS International Chairman Frank Bauer, KA3HDO, called the establishment of ARISS "unprecedented, especially for a volunteer effort."

"You all should be proud of what you've accomplished in the last 10

years," Bauer told this year's ARISS gathering. The ARISS goal in 1996, he noted, was "to consolidate all those ham radio voices into one voice." By making it possible for youngsters around the world to speak with the ISS crew via ham radio, he said, the program now touches some 15,000 students each year.

At this year's gathering, ARISS delegates discussed expanding the complement of ham radio hardware and the operational capability of the two Amateur Radio stations on the ISS. On the near horizon are plans to launch and install a Yaesu FT-817ND transceiver on the ISS to permit operation on some HF bands from the ARISS Phase 2 station. That setup now features a modified Kenwood TM-D700E for VHF and UHF work, including school contacts, digipeating and slow-scan television (SSTV). An HF antenna already is in place on the space station. The FT-817ND runs up to 5 W and covers VHF and UHF too.

ARISS also wants an ISS crew to install an Ericsson 70 cm FM transceiver, already onboard. It would go in the ISS Zvezda Service Module -- the crew's living quarters and site of the ARISS Phase 2 station. An Ericsson 2 meter FM transceiver has been in use since 2000 at the ARISS Phase 1 station in the Zarya Functional Cargo Block or FGB.

A bit farther down the road, ARISS envisions installing a digital Amateur Radio TV (DATV) system aboard the ISS Columbus module. A contribution of the European Space Agency, the Columbus module is awaiting launch at Kennedy Space Center. Delegate Graham Shirville, G3VZV, speaking on behalf of ARISS-Europe, outlined plans for a mode L/S transponder aboard Columbus as well as a DATV downlink on S1 band (2.4 GHz). ARISS-Europe hopes to fabricate the necessary antennas by year's end.

NASA ISS Expedition 12 Commander Bill McArthur, KC5ACR -- a guest at the ARISS International Delegates Meeting and keynote speaker for the AMSAT Space Symposium and An-

nual Meeting banquet a few days earlier -- said the ISS crew members "very quickly get used to living on camera." He said the impact of ARISS school events on the crew's schedule has been fairly minimal. Bauer concurred. "Where we're developing hardware, we need to make it simple," he said. "Crews can't afford lengthy setup times."

The SSTV system already aboard the ISS also came in for some discussion following a presentation by its development coordinator, Miles Mann, WF1F. After some successful initial testing, the SSTV has been off the air, ARISS-Russia delegate Sergei Samburov, RV3DR, explained. "We had had some challenging issues with the SSTV," he said. "We will be working to resolve these soon."

The possibility of having the ISS crew launch university-built CubeSats from the space station during space walks was another discussion topic. ARISS delegates will explore opportunities to work with schools constructing CubeSat projects with an eye toward enhancing the educational value of these tiny spacecraft and to entice the younger generation to consider Amateur Radio.

As ARISS International Secretary-Treasurer and ARRL ARISS Liaison Rosalie White, K1STO, reminded the gathering: "The ARISS Team has always stressed that ARISS equals education."

*The above Material is republished from the The ARRL Letter Vol. 25, No. 43, October, 2006*

## From the BOD

**We are looking for a new auditor to start in 2007.**

**SMALL ADS**

**FOR SALE:**

**No. 1.** a call from John Verkade, VE2PTZ, who wants to sell his TS-940 along with station accessories and a Mosely beam. He can be reached at 514-453-8565

**No. 2,** Estate Sale, VE2GG  
32 ft tower; tower bolted to legs in cement base. (see picture below)  
Asking: \$175. with discount if taken down by buyer, negotiable; For details contact Paul MacDougal VA2YQ <[va2yq@hotmail.com](mailto:va2yq@hotmail.com)> 514 482 3642



**No. 3.**

HP Model 5301A, 10 Mhz Counter \$ 25.00  
 Marconi Model: TF2015, 10 to 520 Mhz Signal generator. \$ 250.00  
 EICO Signal Generator, Model 324 \$ 25.00  
 EICO Regulated Power Supply, 0-150 VDC & 0-400 VDC, Model 1030 \$ 60.00  
 Leader Audio Generator, Model LAG27 \$ 25.00 ( used with external power supply)  
 B & K Oscilloscope, Model # 1405  
 HP VHF Signal Generator, Model 608D, 10 to 420 Mhz \$ 100.00  
 Tektronix, Spectrum Analyzer, 10 Mhz to 40 Ghz, Model 491 \$ 700.00

All the above is fully working, and in most cases calibrated at DND, 202 Unit, Long Point within the last two years.  
 For details contact John Grow, VE2EQL 450-672-1545  
[jgrow@sympatico.ca](mailto:jgrow@sympatico.ca)

**From the OPDX Bulletin**

**CANADIAN SPECIAL PREFIXES.**

To celebrate the 100th anniversary of Reginald Fessenden's first AM voice broadcast on December 24, 1906, all Canadian Amateur Radio operators may use a special prefix during the period of December 1, 2006, to January 31, 2007. For example, the special callsign CG1 could be used by all callsigns with the VE1 prefix.

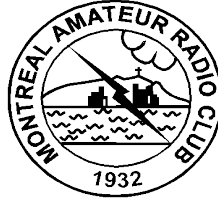
CF1	VA1
CF2	VA2
CF3	VA3
CF4	VA4
CF5	VA5
CF6	VA6
CF7	VA7
CG1	VE1
CG2	VE2
CG3	VE3
CG4	VE4
CG5	VE5
CG6	VE6
CG7	VE7
CG8	VE8
CG9	VE9
CH1	VO1
CH2	V02
CI1	VY1
CI2	VY2
CI0	VYO

QSL via the individual operator's own personal callsign

**2007 Hamfest**

**MARC Hamfest April 21, 2007.**

# Montreal Amateur Radio Club



## Holiday Dinner

### Merry Christmas



**Door Prizes**  
**Good Food**  
**Great Company**

**Date:** Saturday November 25<sup>th</sup>. 2006

**Time:** 6:30 PM Sharp

**Where:** La Compagnola  
1708 Avenue Dollard  
Lasalle, Quebec  
Tel: 514-363-4066

*Free Parking*

**RRSP:** Roman Massanova, VE2RKM  
H: 514-365-1026  
ve2rkm@hotmail.com  
John Grow, VE2EQL  
H: 450-672-1545  
jgrow@sympatico.ca

*Response required by:*

November 19<sup>th</sup>. 2006

- Bring your Own Wine

We will have our own enclosed separate area, only if we have 48 to 50 persons. It is important to call to reserve your place. Friends and family are welcome.

**Late edition:** There will be a selection of 5 to 6 choices from a fixed menu. This will include coffee, tea and desert. The costs will be about \$ 18.00 to \$ 25.00 per person with Taxes. Its

a **bring your own wine** restaurant so this is a plus for the vino connoisseurs.

*OK People, let's have a good holiday get-together*

*(Location - see map on page 7)*

*Directions to La Compagnola Resturant  
1708 Avenue Dollard, Lasalle*



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TELEPHONE &amp; FAX: 450-671-3773

C.P./BOX 67063-Lemoyne

SANS-FRAIS/TOLL FREE:

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1-800-463-3773

J4R 2T8

E-MAIL/COURRIEL:

[info@radiohf.ca](mailto:info@radiohf.ca)

Sheldon Harvey, Prop.

web:

VE2SHW

[www.radiohf.ca](http://www.radiohf.ca)

**SHORTWAVE & AM/FM RADIOS / RADIOS ONDES COURTES & AM/FM**  
A.O.R., DRAKE, FAIRHAVEN, GRUNDIG/ETON, ICOM, SANGEAN, SONY, YAESU

**SCANNERS / BALAYEURS D'ONDES**  
A.O.R., ALINCO, ICOM, UNIDEN/BEARCAT, WINRADIO, YUPITERU

**AMATEUR RADIO / RADIO-AMATEUR**  
A.D.I., ALINCO, ICOM, KENWOOD, RANGER, YAESU

**CITIZENS BAND (CB) / BANDE PUBLIQUE (CB)**  
ALAN, ASTATIC, COBRA, GALAXY, K40, MACO, MAGNUM, MIDLAND,  
PARADYNAMICS, RANGER, ROAD NOISE, SHAKESPEARE, SOLARCON/ANTRON,  
UNIDEN, VALOR/PRO-AM,  
WILSON, WORKMAN

**FAMILY RADIO SERVICE (FRS) / DISPOSITIFS RADIO DOMESTIQUES (DRD)**  
AUDIOVOX, COBRA, ICOM, KENWOOD, MOTOROLA

**ANTENNAS / ANTENNES**  
ALPHA DELTA, ANTENNA SUPERMARKET, ARROW, ATOC, BUTTERNUT, COMET,  
CREATE, CUSHCRAFT, DIAMOND, FIRESTICK, FORCE 12, HUSTLER, HYGAIN,  
LARSEN, MFJ, MIRACLE ANTENNA, OUTBACKER, PRYME, SCANMASTER,  
VALOR/PRO-AM, VAN GORDEN, WORKMAN

**SPECIALTY PRODUCTS / PRODUITS SPECIALISES**  
AMERITRON, ASTRON, BENCHER, DAIWA, D.C.I., GARMIN, GEOCRON, HEIL,  
KANTRONICS, KIWA ELECTRONICS, L.D.G., MAGELLAN, MAHA, MFJ, MIRAGE, NYE  
VIKING, OPTOELECTRONICS, PALOMAR ENGINEERS, PALSTAR, PREMIER, RF  
CONCEPTS, R.F. SYSTEMS, RIGBLASTER, S.G.C., TIMEWAVE, UNADILLA,  
UNIVERSAL, VECTRONICS, VIBROPLEX,  
WEST MOUNTAIN RADIO

**PUBLICATIONS / PUBLICATIONS**  
AMERICAN RADIO RELAY LEAGUE (ARRL), ARTSCI, BAYLIN PUBLICATIONS,  
BILLBOARD (WRTH), CQ, CRB, HIGHTEXT, IBS (PASSPORT), KLINGENFUSS,  
LOOMPANICS, NATIONAL RADIO CLUB, RADIO SOCIETY OF GREAT BRITAIN,  
RADIO AMATEUR CALLBOOK, RADIO AMATEURS OF CANADA, RADIO AMATEURS  
DU QUEBEC, SCHIFFER BOOKS, SONORAN, TAB,  
TIARE, UNIVERSAL RADIO