

marcOgram

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



Volume 49, Number 6

March 2004

“FRANCOIS DAIGNEAULT, VE2AAY ON CURRENT AMPLIFIER CLASSES AND TOPOLOGY”

Wednesday 31 March 2004

Ragchew and Fleamarket: 19:30

Club meeting: 20:00

St. Ignatius of Loyola Parish Church

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

Amplifier Classes Descriptions of Classes A, B and C abound but have you come across a construction article for a Class E amplifier? Have you wondered if Class D existed or learned what Class H is all about? Come on out and see this presentation for an overview of current amplifier topology. This presentation looks like it should make for some interesting and informative listening.

A WORD FROM THE PRESIDENT

Hello,

It looks like spring is finally here. The fleamarket season is in full swing now and our own MARC fleamarket is coming up on April 17 at the LaSalle Legion. I hope to see you all there either as an attendee, a vendor or volunteer. We will need some help to set up first-thing in the morning as well as to man the doors and generally keep things running smoothly. Please let me know if you can help or if you wish to reserve a table or two.

The St. Patrick's Day Parade is an institution

in Montreal and the 180th edition of that parade went well. Along with our own members there were members of UMS, CRALL and WIARC and the Concordia club also lent the use of the VE2RCU repeater. My thanks to all those who came to help out. As was explained at the last meeting we were asked to take on an important and prestigious role and the job was done well. I am looking forward to the possibility of our helping the parade organizers again next year.

With the better weather coming on its time to check our antennas for winter damage and think

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 General Members \$23.00
 Associate Members \$23.00
 White Cane Members... .. \$10.00
 Family Members (per family) \$30.00

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

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Club Call Sign: VE2ARC
 Club Website: <http://www.marc.qc.ca>

Repeaters

VE2BG 147.06 MHz (+)
 Owned and operated by the Montreal Amateur Radio Club. Located on the Pointe Claire water tower.

VE2RED 147.27 MHz (+)
 Owned and operated by the Montreal Amateur Radio Club. Located near Decarie and Cote St. Luc Road.

VE2RJS 449.975 MHz (-)
 Owned by the Montreal Amateur Radio Club and operated by the Cote St Luc Amateur Radio Association. Located near Decarie and Cote St. Luc Road.

The repeaters are open to all amateurs and VE2RED also offers a phone patch available to all amateurs during the day and evening.

Meetings of the Board of Directors

Meetings of the Board of Directors are open to any member to attend. Board meetings are held 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.

Club Activities Monthly Meetings

Tentative Schedule

Club meetings are held at the St. Ignatius of Loyola Parish Church which is located at 4455 West Broadway (the corner of West Broadway and Terrebonne) in the N.D.G. District of Montreal. 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 fleamarket and ragchew session starts at 19:30 with the formal meeting starting at 20:00. The STM Buses 51, 162 and 105 stop nearby.

31 March 2004- Francois Daigneault, VE2AAY on Current Amplifier Classes and Topology
 28 April 2004 - TBA
 26 May 2004 - Show and Tell

Radio Classes

Each year the MARC holds a basic radio course. The 2004 course is nearing completion, with the exam scheduled for Saturday 10 April 2004. Jim Hay or Vern Ikeda will continue to supply progress reports as the class moves forward.

MARC Hamfest

The date is set for Saturday, the 17th of April, 2004. If you want to contribute to the organization or for more information contact Jim Hay or Vern Ikeda. Remember to spread the word and come out and support the club.

IN CASE OF EMERGENCY

Montreal 911 Centre 514-280-2121
 Laval 911 Centre450-662-4240
 Longueuil 911 Centre450-646-8570
 Sûreté du Québec 310-4141
 Kahnawake Peace Keepers 450-632-6505

These numbers are for emergencies ONLY

about needed repairs. The MAB antenna is again in need of work. One of the elements on the HF beam which we did not pin last year has turned on the boom so we need to correct the situation. It would also be good if we could do that relatively early in the year. We also need to move one end of the two dipoles to make them more effective. Any volunteers? We can use a few willing hands and the folks at the MAB will appreciate it.

With the better weather there will be a few communications events. Please consider helping out with one or more of these events.

This month's topic promises to be an interesting one and I am looking forward to it. I hope also to see you all at the meeting.

73 de Jim, VE2VE

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FROM THE EDITOR'S DESK

Fred Hart, VE2LSQ, has retired from his "Scanners Hear it First" column after many years of service to the Marcogram. Thanks Fred for a column that was well received and much appreciated.

So we now have some free space available for any of you budding authors. If you have anything you would like to contribute let me know. We have some space available.

Vern Ikeda is setting up two exam sessions in April, so if you are interested please let him know well in advance so that space can be made for you.

The MARC hamfest is fast approaching. So please spread the word and help to contribute and make this another successful event. I look forward to seeing you at the hamfest.

73 de Craig, VE2YGK

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CONTEST CALENDAR

More on contests including full rules can be found on the Internet. Check:

<http://www.hornucopia.com/contestcal/index.html>

This site has concise rules etc., for the current week's contests.

March 2004

CQ WW WPX Contest SSB	0000Z Mar 27 to 2359Z Mar
Spring Break RTTY Sprint	1800Z-2400Z Mar
27	
UBA Spring Contest 2m	0600Z-1000Z Mar

April 2004

SARL 80m QSO Party	1700Z-2000Z Apr 1
Kids Roundup	1400Z Apr 3 to 2200Z Apr 4
SP DX Contest	1500Z Apr 3 to 1500Z Apr 4
EA RTTY Contest	1600Z Apr 3 to 1600Z Apr 4
Missouri QSO Party	1800Z Apr 3 to 0500Z Apr 4 and 1800Z-2400Z Apr 4
QCWA QSO Party	1800Z Apr 3 to 1800Z Apr 4
RSGB RoPoCo 1	0700Z-0900Z Apr 4
144 MHz Spring Sprint	1900 local -2300 local Apr 5
RSGB 80m Club Championship CW	2000Z-2130Z Apr 5
ARS Spartan Sprint	0100Z-0300Z Apr 6
JIDX CW Contest	0700Z Apr 10 to 1300Z Apr 11
ARCI Spring QSO Party	1200Z Apr 10 to 2400Z Apr 11
EU Spring Sprint SSB	1500Z-1859Z Apr 10
Georgia QSO Party	1800Z Apr 10 to 0359Z Apr 11 and 1400Z-2359Z Apr 11
CIS DX Contest SSB	1900Z Apr 10 to 1900Z Apr 11
UBA Spring Contest SSB	0600Z-1000Z Apr 11
SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z Apr 11
Low Power Spring Sprint	1400Z-2000Z Apr 12
222 MHz Spring Sprint	1900 local -2300 local Apr 13
RSGB 80m Club Championship SSB	2000Z-2130Z Apr 14
Holyland DX Contest	0000Z-2359Z Apr 17
TARA Skirmish Digital Prefix Contest	0000Z-2400Z Apr 17
ES Open HF Championship	0500Z-0859Z Apr 17
YU DX Contest	1200Z Apr 17 to 1200Z Apr 18
GACW CW DX Contest	1200Z Apr 17 to 1200Z Apr 18
EU Spring Sprint CW	1500Z-1859Z Apr 17
Michigan QSO Party	1600Z Apr 17 to 0400Z Apr 18
EA-QRP CW Contest	1700Z-2300Z Apr 17 and 0700Z-1300Z Apr 18
Ontario QSO Party	1800Z Apr 17 to 1800Z Apr 18
World Amateur Radio Day Party	0000Z-2359Z Apr 18
432 MHz Spring Sprint	1900 local -2300 local Apr 21
RSGB 80m Club Championship Data	2000Z-2130Z Apr 22
Harry Angel Memorial Sprint	1100Z-1246Z Apr 23
SP DX RTTY Contest	1200Z Apr 24 to 1200Z Apr 25
Helvetia Contest	1300Z Apr 24 to 1300Z Apr 25
QRP to the Field	1500Z-2400Z Apr 24
Florida QSO Party	1600Z Apr 24 to 0159Z Apr 25 and 1200Z-2159Z Apr 25
Kentucky QSO Party	1600Z Apr 24 to 0400Z Apr 25
Nebraska QSO Party	1700Z Apr 24 to 1700Z Apr 25
EUCW/FISTS QRS Party	0001Z Apr 25 to 2359Z May 1

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COMING EVENTS

For up to date Canadian Fleamarket listings, please check the Radio Amateurs of Canada site at:

<http://rac.eton.ca/>

or for up to date American listings, go to the American

Radio Relay League Hamfest website at:
<http://www.arrl.org/hamfest.html>

Whitby, ON LIN 3P7 or Phone 905-579-1800
e-mail: ve3blh@rac.ca

<http://w.a.r.c.tripod.com>

2004 Season

March 27

On Saturday, March 27 the Hamfest Laval-Laurentides 2004 at the Polyvalente Georges Vanier, 3995 Boul. Lévesque Est, Saint Vincent de Paul (Laval), QC.

Vendors: 07h00 Public 09h00

Admission: 5.00\$ per person.

Tables: 10.00\$

Talk-in: VE2REL 147.315 Mhz (+)

Information and reservations: (514)-708-8033 or via e-mail at
hamfest@ve2crl.qc.ca

<http://www.ve2crl.qc.ca/hamfest.htm>

April 10

On Saturday, April 10, the Iroquois A.R.C. 9th Annual Flea Market, at the Iroquois Civic Centre, Iroquois, Ontario

Vendors: 08h00 Public: 09h00 - 12h00

Talk-in VE3IRO 145.290 (-)

Table reservations/Information: Gordon Knights, VE3UGW

(613)-657-3640 or e-mail ve3ugw@ripnet.com

<http://web.ripnet.com/~ve3ugw>

April 17

On Saturday, April 17, the **Montreal Hamfest and Fleamarket** in LaSalle (Montreal), Québec at the Royal Canadian Legion Branch 212 (LaSalle), 7771 Bouvier, corner of Shevchenko. STM Bus 109 at the door.

Vendors 07h30 Public 08h30 to 12h00. Admission - 4.00\$

Talk-in VE2RED 147.270 (+)

Information: James R. Hay, VE2VE -
(514)-697-7205

E-mail: ve2arc@rac.ca

<http://www.marc.qc.ca/fest/fest.html>

April 17

On Saturday, April 17, the Whitby Hamfest, at the Jubilee Pavillion, 55 Lake View Park, Oshawa, ON

Vendors 07h00 Public 09h00 to 13h00. Admission - \$5.00
Tables \$10.00

Talk-in - VE3WOM 147.150 (+)

Information: Betty Huider, 87 Thickson Road, North

Laval QC

April 24

On Saturday, April 24, the Durham Region Hamfest - Whitby, Ontario at the Iroquois Park Recreation Centre - Victoria Street corner of Henry Street

Vendors 07h30 - Public 09h00 to 13h00 Admission 6.00\$

Tables 25.00\$ - includes 1 admission.

Talk-in: 147.375 (+) VE3SPA

Information/Reservations: Peter Henry, VA3PWH at 905-436-9236 or e-mail at:va3pwh@sympatico.ca

Reservations by mail only. See web site for more information.

<http://drhamfest.tripod.com>

May 8

On Saturday, May 8, the 20th Annual Smiths Falls Amateur Radio Fleamarket at the Smiths Falls Youth Arena - Corner of Cornelia St. (Highway #43) and Elmsley St. (behind 150 Elmsley Street North), Smiths Falls, ON.

Vendors 07h00 Public 09h00 to noon Tables \$5.00 if paid in

advance, \$8.00 if on the day of the hamfest. Contact the club for more information on this offer.

General Admission \$3.00.

Talk-in/ VE3RLR 147.210 (+)

Table reservations contact the Rideau Lakes Amateur Radio Club Inc., PO Box 1256, Smiths Falls, ON, K7A 5C7

E-mail: John Aikman, VA3JHA irmajohn@perth.igs.net

<http://www.falls.igs.net/~rlarc>

May 30

On Sunday, May 30, the Hamfest du Québec 2004 - Sorel-Tracy, Québec at the Curling A. Racine et Centre Culturel, Place du Centre Civique, Tracy, QC

Vendors 06h30 - General Admission 09h00

General Admission: \$5.00 Tables (indoors) \$15.00 -
(outdoors) \$7.00

Talk-in: VE2RBS 145.370 (-) CTCSS 103.5

Information: Denis Chouinard, VE2DSH at 450-746-0814,
e-mail at: ve2cbs@hotmail.com

<http://www.ve2cbs.qc.ca/>

May 29 - The New Brunswick Spring Hamfest and Fleamarket - **Quispamsis, New Brunswick**

<http://www.qsl.net/VE9LC>

May 30 Amherstburg Radio Club 2nd Annual Fleamarket

- Amherstburg, Ontario

June 12 Central Ontario Fleamarket -Hamfest Fergus ON

<http://www.hamfest.on.ca>

August 7 Hamfest de ARES (St. Romuald Hamfest) - St. Romuald, Québec

<http://www.aresqc.org>

Sept 04 OARC 6th Annual Hamfest Carp ON

<http://oarc.net/fleamarket>

73 de Vernon Erle Ikeda, VE2MBS
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COMMUNITY SERVICE

ST PATRICK'S DAY PARADE

14 MARCH 2004

On Sunday, March 14, 2004, members of the local



Amateur Radio community played a role in the 180th Consecutive St. Patrick's Day parade in Montreal. While our primary task that day was to escort the Queen's Float down Ste. Catherine Street, we also assisted the Parade Marshals at the end of the parade route.

The following Amateur Radio Operators participated in this event:

- * Francois Daigneault, VE2AAY
- * Walter David Jr., VE2TTS
- * Donald Devey, VA2DWD
- * Raymond Faguy, VE2SJA
- * Richard Henri, VE2RAH

- * Ren  Langelier, VE2JFJ
- * Ken Magee, VE2EXC
- * Jean Massicotte, VE2JMK
- * Stanko Patacic, VE2QXP
- * Normand Pitre, VA3NHK
- * Matt Salenius VE2MTA
- * Mathieu Therrien, VE2TMQ
- * Anatoly Zapolsky, VA2DW

In addition, James R. Hay, VE2VE and myself (Vernon E. Ikeda, VE2MBS) operated the Control Station on both the Amateur and Commercial radio networks.

The Operators came from the following Amateur Radio Clubs:

- * The Montreal Amateur Radio Club Inc. - VE2ARC
- * Club Radio Amateur Laval-Laurentides - VE2CRL
- * L'Union M ropolitaine des Sans-Fillistes de Montr al - VE2UMS
- * West Island Amateur Radio Club - VE2CWI

In addition, James and myself would like to publicly thank the Concordia University Amateur Radio Club, VE2CUA and its President, Steven Faguy, VA2SMF for the use of the 147.045 (VE2RCU) repeater and to Ken Magee, VE2EXC and the St. Lazare Communications Group, VE2LZR for providing the orange safety vests for this event. Also a bit of extra thanks to Raymond, VE2SJA for volunteering to be our Chef d'Equipe (Team Leader) and Ken, VE2EXC his assistant.

73 de Vern, VE2MBS

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A VERY SPECIAL THANK YOU

Miss Tara Hecksher, queen of the 2004 St. Patrick's Day Parade, and her princesses; Misses Marie Lortie, Jessica Earley, Theresa Casey and Melissa Proietti have asked that their thanks be conveyed to those who escorted the queen's float along the parade route.

On behalf of Miss Hecksher, her court and the United Irish Societies:

Thank you very much for a job well done.

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THE JAY CHALLENGE

At the January meeting we heard about the possibility of the club



getting involved in providing communications for the the Jay Challenge competition coming up in July. Below is some background information on the event.

The Jay Challenge is a three day sporting event from 23 July to 25 July centred in the Jay Peak area.

The first event, Friday 23 July, is an open water, self-propelled craft race from Magog Quebec to Newport Vermont and covers about 26 miles.

The Jay Mountain Marathon is the event for Saturday 24 July and is a mainly off road foot race covering approximately 26 miles.

The final event, the Jay MTB, occurs Sunday 25 July is a 60 mile mountain bike race which starts with a climb of Jay Peak.

These are all very tough courses and make very challenging events. If you want to read more check the event's web site at

<http://www.jaychallenge.com>

If you have an interest in the event contact Jim Hay.

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COURSE NEWS AND EXAM SESSIONS

Vern reports the the Basic course is running along smoothly with the students working towards an exam date of Saturday 10 April 2004.

If there is anybody or if you know of anybody who is interested in taking an exam please contact Vern Ikeda. Vern is planning to have two exams sessions in April. The first is Saturday 10 April 2004 with the basic class and, the second at the MARC hamfest the following week, on Saturday 17 April 2004. Contact Vern as soon as possible if you are interested so space can be made.

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SCANNERS HEAR IT FIRST

BY FREDERICK HART, VE2LSQ

Last month's column of "Scanners Hear it First" was Fred's last column. Fred has made the decision to resign from the column to focus on some other challenges.



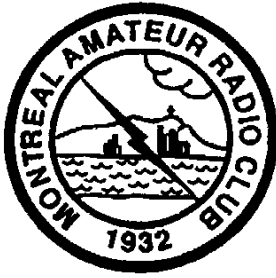
Fred's column has been a fixture in the Marcogram for many years. In fact, Fred's column came with the Marcogram when I took it over as editor in November 1996. We, the readers, have all been fortunate to have Fred share his passion of scanning and emergency communications in the Montreal area. His information was backed up with his insider's knowledge from working with the emergency services over several years. This knowledge was widely appreciated.

On behalf of myself, the readers of the Marcogram, and members of the MARC, I want to thank Fred for his many years of service to the the Marcogram, the MARC, and fellow radio amateurs. We have benefited from your knowledge and unique down to earth style of getting your points across to us, the readers. Your contributions are much enjoyed and will definitely be



missed.

Fred, it's been a long run together. We all wish you the best of luck and success as you concentrate on what lies ahead for you.



Hamfest

Montréal Amateur Radio Club

Amateur Radio Flea Market
Saturday April 17, 2004
Royal Canadian Legion Branch 212
7771 Bouvier (corner Shevchenko), LaSalle QC
Information and Reservations
Jim HAY 514-697-7205

E-mail: ve2arc@rac.ca <http://www.marc.qc.ca>

Time: Vendors 07h30, Public 08h30-12h00 (noon). Tables: 8,00\$, or 15,00\$ for two. General Admission 4,00\$ Talk-in VE2RED 147.270 (+) Volunteers are required to help with this year's event.

73 de Craig VE2YGK

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70TH APCO CONFERENCE

As was mentioned at the February meeting there is an international conference coming to Montreal which might be of value to persons interested in public safety communications.



APCO International will be holding the 70th APCO International Conference and Exposition, at the Palais des Congres from 08 August to 12 August 2004. The APCO Canada 17th annual conference will take place at the same time and location. APCO stands for the Association of Public-Safety Communication Officials. Delegates from around the world will meet to discuss and peruse the latest available technologies and operational processes of public safety communications.

If you are interested in more information you can

check the the following web sites:

APCO International
<http://www.apcointl.org/>

APCO Canada
<http://www.apco.ca/>

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CLASSIFIED

DEADLINE for classified ads is the second Wednesday before the monthly meeting.

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VE2SHW

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radiohf@sympatico.ca

WEB: www3.sympatico.ca/radiohf

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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, CHEROKEE, COBRA, GALAXY, K40, MACO, MAXON, MIDLAND,
PARADYNAMICS, RANGER, ROAD NOISE, SHAKESPEARE, SOLARCON/ANTRON, UNIDEN,
VALOR/PRO-AM, WILSON, WORKMAN

FAMILY RADIO SERVICE (FRS) / DISPOSITIFS RADIO DOMESTIQUES (DRD)
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ANTENNAS / ANTENNES
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DIAMOND, FIRESTICK, FORCE 12, GLOMEX, HUSTLER, HYGAIN, LARSEN, MFJ, MIRACLE WHIP,
OUTBACKER, PRYME, VALOR/PRO-AM, VAN GORDEN, WORKMAN

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RIGBLASTER, S.G.C., TIMEWAVE, UNADILLA, UNIVERSAL, VECTRONICS, VIBROPLEX,
WEST MOUNTAIN RADIO

PUBLICATIONS / PUBLICATIONS
AMERICAN RADIO RELAY LEAGUE (ARRL), ARROWHEAD, 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