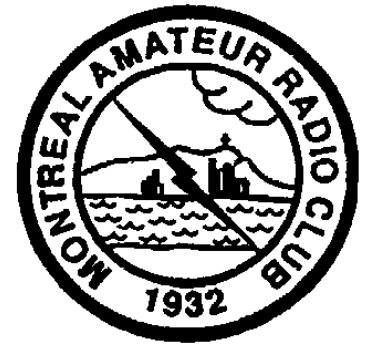


# marcOgram

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



Volume 49, Number 5

February 2004

## **“ VIDEO - MICRO-LITE DXPEDITION PART 2 VP8GEO SOUTH GEORGIA 2002”**

Wednesday 25 February 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

This night will be a video night and we will enjoy a fascinating account of a DXpedition to South Georgia and the operation of station VP8GEO. See the challenges of running the station and feel the beautiful yet barren nature of Georgia Island, at one time home to several isolated whaling stations and also visited by Ernest Shackelton. We may also have a mystery video or two as well adding to the allure of the evening. We can look forward to an entertaining and informative evening.

### **A WORD FROM THE PRESIDENT**

Hello,

Well, we're into February and January was certainly cold enough. Hopefully we'll have all the cold weather over with this month and March will be a good month.

We are still looking for folks to assist with the St. Patrick's Day Parade. If you have a two metre hand held we'll be using that for backup. If you don't we can still use you. This is a great way to

show our community what we can do as amateur radio operators so I hope that more of you will decide to help out. My thanks to Mr. Joe Glover of the United Irish Societies who came to the last meeting with some information about their request.

In April as the weather continues to improve we'll be holding the hamfest and I'm looking forward to seeing you all there. If you have surplus equipment to sell then by all means book a table and help both yourself and the club. We will also need some folks to help out on the morning of the hamfest

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:  
 Craig Brander, VE2YGK craigyul@total.net 514-488-5109

Annual fees are:  
 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.

Articles published in the MarcOgram may be reproduced providing credit is given to the original author and the Montreal Amateur Radio Club as the source.

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.

### Directors

President: James R. Hay, VE2VE.....514-697-7205  
 jrhay@HayA.qc.ca  
 Vice President: Sheldon Werner, VA2SH va2sh@rac.ca  
 Secretary: vacant  
 Treasurer: Vernon Ikeda, VE2MBS.....514-684-7944  
 ve2mbs@rac.ca  
 Directors: Don Dashney, VE3RM/VE2SH.....613-675-4715  
 dash@hawk.igs.net  
 Paul MacDougall, VA2YQ redmaple@ca.inter.net  
 Earl Paris, VE2ESP.....514-524-4633  
 David Mallette, VE2ARY ve2ary@hotmail.com  
 Raymond Faguy, VE2SJA ve2sja@rac.ca

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.

25 February 2004 - Video Night  
 31 March 2004- TBA  
 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 in progress with another group of keen students. Jim Hay or Vern Ikeda will supply progress reports as the class moves forward.

### MARC Hamfest

Planning is now underway for next spring's 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.

## IN CASE OF EMERGENCY

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

These numbers are for emergencies ONLY

so let me know if you're able and willing.

Hopefully none of you have had to make any emergency antenna repairs this month and you've all kept warm. I look forward to seeing you all at the meeting.

73 de Jim, VE2VE

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### FROM THE EDITOR'S DESK

Those of you who attended the January meeting learned about a number of opportunities to operate with the club in the coming months. These events include the St Patrick's Day parade March 14, (if you are interested register with Jim right away), the possibility of operating a joint Field Day station with another club this year, July 1st Canada Day field station at Dorval, the J-Challenge at the end of July and possibly some equestrian events.

Thanks to Daniel Lamoureux, VE2KA, the new president of RAC, for taking time out to visit are club and provide a status report on some of the issues facing amateur radio in Canada as well as the RAC.

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.

#### February 2004

ARRL Inter. DX Contest CW	0000Z Feb 21 - 2400Z Feb 22
CQ 160-Meter Contest SSB	0000Z Feb 28 - 2359Z Feb 29
North American QSO Party RTTY	1800Z Feb 28 - 0600Z Feb 29
High Speed Club CW Contest	0900Z - 1100Z Feb 29 and 1500Z - 1700Z Feb 29
North Carolina QSO Party	1700Z Feb 29 - 0300Z Mar 1

#### March 2004

AGCW YL-CW Party	1900Z-2100Z Mar 2
ARRL Inter. DX Contest SSB	0000Z Mar 6 to 2400Z Mar 7
DARC 10-Meter Digital Contest	1100Z-1700Z Mar 7
YL-ISSB QSO Party SSB	0000Z Mar 13 to 2400Z Mar 14

RSGB Commonwealth Contest	1000Z Mar 13 to 1000Z Mar 14
AGCW QRP Contest	1400Z-2000Z Mar 13
Oklahoma QSO Party	1400Z Mar 13 to 0200Z Mar 14 and 1400Z-2000Z Mar 14
SOC Marathon Sprint	1800Z-2400Z Mar 13
North American Sprint RTTY	0000Z-0400Z Mar 14
UBA Spring Contest CW	0700Z-1100Z Mar 14
Wisconsin QSO Party	1800Z Mar 14 to 0100Z Mar 15
10-10 Int. Mobile Contest	0001Z-2359Z Mar 20
BARTG Spring RTTY Contest	0200Z Mar 20 to 0200Z Mar 22
SARL VHF/UHF Contest	1000Z Mar 20 to 1000Z Mar 21
Russian DX Contest	1200Z Mar 20 to 1200Z Mar 21
AGCW VHF/UHF Contest	1600Z-1900Z Mar 20 and 1900Z-2100Z Mar 20
CLARA and Family HF Contest	1700Z Mar 20 to 1700Z Mar 21
Virginia QSO Party	1800Z Mar 20 to 0200Z Mar 22
Spring QRP Homebrewer Sprint	0000Z-0400Z Mar 22
CQ WW WPX Contest SSB	0000Z Mar 27 to 2359Z Mar 28
Spring Break RTTY Sprint	1800Z-2400Z Mar 27
UBA Spring Contest 2m	0600Z-1000Z Mar 28

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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>

#### 2004 Season

##### February 28

##### Milton VT

On February 28, the Northern Vermont Winter Hamfest and ARRL Vermont State Convention (**Milton Hamfest**) at the Milton High School, Route 7, Milton, Vermont from 08h00 until 13h00.

Vendors: Early Vendors Entrance (via rear door) 06h30 - Regular Vendor Entrance (via main door) 08h00 - Call or write for more information.

Admission: 5.00\$. Under 18 years, free. Canadian money accepted at par from Canadian residents, exact change only. Cash only, no checks.

Talk-in: 145.150 (-) WB1GQR. Pre-recorded hamfest information and announcements on 146.67 MHz on the day of the hamfest.

Information: Phone: (802)-879-6589, before hamfest day or via email at: [w1sj@arrl.net](mailto:w1sj@arrl.net)

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

**February 28**

**Burlington, ON**

On February 28 the Burlington Spring Fleamarket at the Royal Canadian Legion, 828 Legion Road, Burlington, Ontario. Vendors 07h00, Public 09h00 - 12h00. Admission \$6.00 Tables \$10.00

Talk-in VE3RSB 147.210 (+)

Information and Table reservations: Ken Robinson, VE3WN at 905-637-0772. Mail reservations and cheques to Ken Robinson at 1389 Olga Drive, Burlington, Ontario L7S 1L1, e-mail: va3wn@rac.ca

<http://www.barc.ca>

**March 06**

**Montreal (PAT) QC**

The UMS Hamfest, Saturday March 6 at the Centre Roussin, 12125 Notre Dame East, Montreal. Time:

Vendors 07h00 am - Public 09h00

Admission: 5.00\$ Tables 10.00\$

Talk-in VE2RXW 146.700 (-)

Reservations: 514-521-7765 or via E-mail: hamfest@ve2ums.ca

[http://www.ve2ums.ca/agenda/pub2004\\_pdf.pdf](http://www.ve2ums.ca/agenda/pub2004_pdf.pdf)

**March 20**

**Brampton ON**

On Saturday, March 20, HAMEX 2004 at the Brampton Fall Fairgrounds, Heart Lake Road corner of Old School Road, Brampton, Ontario.

Time: Vendors at - Public at 09h00 to 13h00

Seminars 1300-1800

Talk-in VE3PRC 146.880 (-)

Admission: 6.00\$ - Tables 25.00\$/30.00\$.

Information: ham-ex@sympatico.ca or 905-453-6096

<http://www.peelarc.org>

**March 27**

**Laval QC**

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

**April 10**

**Iroquois ON**

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**

**LaSalle (Montreal) QC**

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**

**Oshawa ON**

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 Thicksen Road, North Whitby, ON LIN 3P7 or Phone 905-579-1800

e-mail: ve3blh@rac.ca

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

**May 8  
Falls ON**

Smiths Falls Amateur Radio Fleamarket - **Smiths Falls ON**

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

**May 08**

Skyward Annual Spring Hamfest And Fleamarket **Etobicoke(Toronto), Ontario**

<http://webhome.idirect.com/~jproc/sarc>

**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  
© 2004 - Vernon Erle Ikeda  
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**COMMUNITY SERVICE**  
**ST PATRICK'S DAY PARADE**  
**\*\*DEADLINE APPROACHING\*\***

We have received a request from the United Irish Societies for communications assistance at the 180th annual St. Patrick's Day Parade to be held Sunday March 14, 2004. We have been asked to provide as many operators as possible to assist along the parade route. We will be assisting the organizers to ensure that public leaves sufficient room for the parade to pass.

It is anticipated that commercial radios will be provided however two metre hand held radios will be used for back-up communications. Those familiar with the operations at equestrian events will be familiar with what we will be expected to do.

The parade goes regardless of the weather so please be prepared. We hope for good weather but nothing has stopped the parade yet and with 180 years of Irish determination I doubt anything will stop it now. Details will be finalized later but we should expect to meet at 7:30 AM and it is expected that after the parade a meal will be served for the volunteers.

This is an important event and it will serve to raise the profile of amateur radio so I hope to hear from as many of you as possible. Please contact me to volunteer or if you have any questions.

73 de Jim, VE2VE

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**SCANNERS HEAR IT FIRST**  
**BY FREDERICK HART, VE2LSQ**

Welcome to the month of February folks...They call this the month of LOVE so here we are discussing our other Love...Scanning the emergency services in and around Metro Montreal . (Remember Montreal...the "mega city" "One Island...One snowplow!"). So I hope you folks have been getting an earful listening in to your favourite frequencies. Those of you that are equipped with the new Digital scanner are getting more of an earful than most of us so this month's profile on the SSIM (Service Securite Incendie Montreal) will be of some interest to you.

The SSIM is the newly combined Fire service (since Jan 2002) of the on Island of Montreal cities that made up the old Montreal Urban Community...MUC. In all there are presently 66 fire stations with future considerations to come (#56 Ile Bizard ). This merger also meant that the many different frequencies we listened to in the past were replaced with the present-day Digital Trunking System we all have learned to grumble and yak about on many discussion levels. The old UHF Frequency of 412.7625 is still in use but has only a limited amount of information transmitted on it. Before they went digital the trunking system was simulcast on the UHF and we caught most transmissions, but now we hear only the major alarm announcements made, and the dispatching to talk groups for call and fireground are in the digital mode and we are deprived of the earful unless we have the new fangled Digital Trunk Trackers offered by Radio Shack and Uniden Bearcat. The ten-code system used is still the Montreal codes and the vehicle numberings follow the old Montreal way with first digit the type of vehicle and the second third or in some cases fourth being the station of origin.

The Frequencies & Talk Groups along with the Ten-Codes and Fireground Sectors are as follows. (My thanks to Jim, VE2VE, for his help in getting the info for this system)

**SSIM Radio System  
Trunking Frequencies**

866.2875  
866.5375  
866.7825  
866.6625  
867.0375  
867.1625  
867.2875  
867.4375  
867.6625  
867.7875  
867.8875

**Simplex  
Channel Frequencies**

B-1 868.1625  
B-2 868.4625  
B-3 868.6625  
B-4 868.9875  
B-5 868.5125  
B-6 867.5125

**Talkgroups**

A	B	C
1	288	Simplex 12304
2	48	Simplex 12320
3	64	Simplex 12336
4	80	Simplex 12352
5	96	Simplex 12368
6	112	Simplex 12384
7	128	4208 12400
8	144	4224 12416
9	160	4240 12432
10	176	4256 12448
11	192	8208 12464
12	208	8224 12480
13	224	8240 12496
14	240	8256 Not Used
15	256	4320 64032
16	304	8416 64048

<http://www.haya.qc.ca/fire/ssim-trunk.html>

**SSIM Radio Codes - MEANING**

10-1 Listening

10-2	Repeat your message
10-3	Mission cancelled
10-4	Message received
10-5	Available en route
10-06	Not available
10-07	Intervention required
10-08	Sufficient resources spread unlikely
10-09	Resources fully occupied, spread likely
10-10	Situation under control
10-11	Resources needed for at least one hour
10-12	Send the 2nd. alarm
10-13	Send the 3rd. alarm
10-14	Send the 4th. alarm
10-15	Send the 5th. alarm
10-16	En route (Code A)
10-17	Arrived on scene
10-18	Investigating
10-19	False alarm
10-20	Give your position
10-21	Give the location of the intervention
10-22	Services not required
10-23	Contact ... by telephone
10-24	Did you receive the message
10-25	Request investigators to the scene
10-26	General call to all units
10-28	Is the security company en route?
10-29	Location of relief
10-30	Request a prevention officer to the scene
10-31	Request Environment Quebec/Canada to the scene
10-32	How do we access the scene of the intervention?
10-33	Request Public Works to the scene
10-34	Request Urgences-Santé to the scene
10-35	Request police to the scene
10-36	Request to Hydro-Québec to the scene
10-37	Request Gaz Métropolitain to the scene
10-38	Request a tow truck to the scene
10-39	Request a radio check
10-40	Origin of the call
10-41	Not available to respond to the call
10-42	Victims' aid
10-43	Presence of dangerous materials on the scene
10-44	Presence of a person with reduced mobility on the scene
10-45	Food inspection
10-49	En route for the station and not available to respond to a call
10-50	Priority code
10-51	Code reserved for communications system in 2002
10-52	Code reserved for communications system in 2002
10-53	Code reserved for communications system in 2002

10-54	Code reserved for communications system in 2002
10-55	Check or change the status of the vehicle's terminal
Code 60	S.P.C.U.M. (Code 60 is used with code 10-35)
10-68	En route without lights or siren (Code B)
10-70	Structural collapse with rescue required
10-75	Building with particular risk
10-80	Vacant building
10-90	Dangerous building
10-99	Heart attack
10-101	No radio

<http://www.haya.qc.ca/fire/units.php>

So there you have it folks, the Montreal SSIM in a capsule form for you to use and get the most out of to enjoy the hobby. See you next month.

73's de Fred VE2LS and a Q  
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<http://www.haya.qc.ca/fire/newcodes.html>

### Numbering of Units

100	Chief's vehicle
200	Pump
300	Quint
400	Aerial ladder
500	Manpower squad
600	Multipurpose pump
700	Aerial Tower
800	First responder
900	Other maintenance vehicles
1000	Command post
1100	Specialized equipment vehicle
1200	First aid vehicle
1300	Mobile canteen
1400	Bus
1500	Inflatable boat
1600	Air bottle truck
1700	Hazardous materials vehicle
1800	Motor boat (non-inflatable)
1900	Trailer
2000	Second pump in a station
2200	Spare pump in a station
3000	Quint with platform
4000	Aerial ladder with platform
4400	Spare ladder in station
5000	Patroller
5100	Second patroller in station
6000	Tanker
6600	Second tanker in station
7000	Aerial Tower (50 metres)
8000	Inter station delivery

### CLASSIFIED

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

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### SILENT KEY - RAYMOND ELIE, VE2DYD/VE2YW

Raymond Elie, VE2DYD/VE2YW, passed away on Friday, January 30, 2004 after a brief illness. Raymond had not been a member of the MARC recently. He had been quite active in the affairs of the Union Montreal de Sans-Fillistes (UMS-VE2UMS) club and to a lesser extent the Radio Room at the Montreal Association of the Blind (VE2MAB) station.

On behalf of the Directors and members of the Club, I would like to pass condolences to Raymond's family and friends.

Vernon E. Ikeda VE2MBS

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# RADIO HF

Sheldon Harvey, Prop.

P.O. BOX 67063-LEMOYNE  
ST. LAMBERT, QUEBEC J4R 2T8

TELEPHONE or/ou FAX: 450-671-3773  
TOLL FREE / SANS FRAIS  
1-800-463-3773

HEURES D'OUVERTURE/BUSINESS HOURS  
LUNDI AU SAMEDI - 10h00 a 17h00  
MONDAY TO SATURDAY - 10 AM to 5 PM

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

<http://www3.sympatico.ca/radiohf>

## SHORTWAVE & AM/FM RADIOS

### RADIOS ONDES COURTES & AM/FM

A.O.R., BAYGEN, DRAKE, GENERAL ELECTRIC, GRUNDIG, ICOM, KENWOOD,  
LOWE, SANGEAN, SONY, SUN-MATE, YAESU

### SCANNERS / BALAYEURS D'ONDES

A.O.R., ALINCO, ICOM, RELM, UNIDEN/BEARCAT, WELZ, WINRADIO,  
YUPITERU

### AMATEUR RADIO / RADIO-AMATEUR

A.D.I., ALINCO, CHEROKEE, ICOM, KENWOOD, MAHA-REXON, YAESU

### CITIZENS BAND (CB) / BANDE PUBLIQUE (CB)

ASTATIC, CHEROKEE, COBRA, K40, MACO, MAXON, MIDLAND,  
PARADYNAMICS, RANGER, ROAD NOISE, SHAKESPEARE, SOLARCON/ANTRON,  
UNIDEN, VALOR, WILSON, WORKMAN

### FAMILY RADIO SERVICE (FRS)

### DISPOSITIFS RADIO DOMESTIQUES (DRD)

CHEROKEE, COBRA, ICOM, KENWOOD, MAXON, MIDLAND, MOTOROLA, UNIDEN

### ANTENNAS / ANTENNES

ALPHA DELTA, ANTENNA SUPERMARKET, COMET, CREATE, CUSHCRAFT,  
DIAMOND, HUSTLER, L.F. ENGINEERING, LARSEN, MFJ, OUTBACKER,  
SCANMASTER, TELEX HYGAIN, VALOR/PRO-AM, VAN GORDEN, WORKMAN

### SPECIALTY PRODUCTS / PRODUITS SPECIALISES

ADVANCED BATTERY SYSTEMS (PERIPHEX), AMERITRON, ASTRON, BENCHER,  
DAIWA, D.C.I., HEIL, KANTRONICS, KIWA ELECTRONICS, MAHA, MFJ,  
MIRAGE, NYE VIKING, OPTOELECTRONICS, PALOMAR ENGINEERS, PALSTAR,  
PREMIER, RF CONCEPTS, R.F. SYSTEMS, RAMSEY KITS, S.G.C.,  
TIMEWAVE, UNADILLA, UNIVERSAL, VECTRONICS, VIBROPLEX

### PUBLICATIONS / PUBLICATIONS

A.R.R.L., ARROWHEAD, ARTSCI, BAYLIN PUBLICATIONS, BILLBOARD  
(WRTH), CQ, CRB, ANDRE GUEVIN, HARUTEQ, HIGHTEXT, IBS (PASSPORT),  
KLINGENFUSS, LOOMPANICS, NATIONAL RADIO CLUB, RSGB, RADIO AMATEUR  
CALLBOOK, RADIO AMATEURS OF CANADA, RADIO AMATEURS DU QUEBEC,  
SCHIFFER BOOKS, SONORAN, TAB, TIARE, UNIVERSAL RADIO