

GROUNDWAVE

September 1999

Check out our Web Page: www.oarc.net

Field Day 1999...

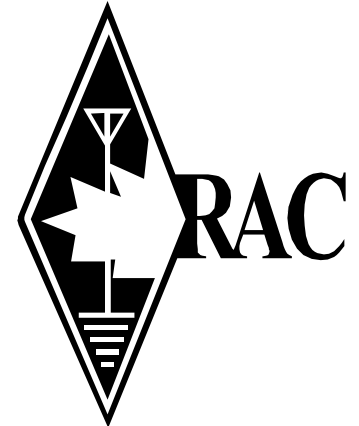


A good time was had by all!

See page 7 for results



AMSAT



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Club Information

The Ottawa Amateur Radio Club, Inc. (OARC). Is an association of Radio Amateurs devoted to the promotion of interest in Amateur Radio communications in the National Capital Area; and to the advancement and achievement of club members.

Regular Meetings of the OARC Inc., are held on the first Wednesday of each month (except July and August) in the Keefer Room (2nd floor of the Old Teacher's College) of the Regional Municipality of Ottawa Carleton Head Quarters complex on Lisgar Street. Meetings commence at approximately 19:30 hours. Further details about each meeting is elsewhere in this publication.

Executive Meetings of the OARC. Inc., are normally held on the second Wednesday of each month at 19:30 hours. Contact the President to confirm the date, time and place of the next meeting.

NET's of Interest

The Capital City FM Net meets every Monday at 20:00 hours on the club repeater VE2CRA to pass traffic and to make announcements of interest to amateurs in the National Capital Region.

The SWAP Net is a service provided and conducted by Dan Reardon, VE3GUU. This feature appears on the Capital City FM Net. To list items and make inquiries, call Dan Reardon at 721-3339, ve3guu@igs.net. Also available on the web: <http://www.igs.net/~swap>

The POT-HOLE NET is a SSB/HF net sponsored by the Ottawa Valley Mobile Radio Club and is conducted every Sunday at 10:00 hours on 3.760 Mhz. All amateurs are welcome to check in. The SWAP Net is a regular feature of this net.

The POT-LID CW NET is an informal slow-speed CW net sponsored and conducted by Ed Morgan, VE3GX, and meets every Sunday, except during July and August, at 11:00 hours on 3.620 Mhz, to promote interest in CW and CW procedures.

The QCWA Chapter 70 NET every Thursday evening at 2000 hrs local time. Repeater VE3TEL is used, courtesy of the Pioneer Amateur Radio Club. The frequency is 147.03 out, 146.43 Mhz in. The callsign used is VE3QCW. Visiting Hams are invited to check into this Net. You do not have to be a QCWA member to check into this Net.

Club Repeaters

Voice (VHF)	146.94/146.34	100 Hz output tone
(UHF)	443.300/448.300	

Packet	147.07(sx) For QSO and Packet BBS.
Packet 56 kbps	220.55/433.55
East of Ottawa	145.69(sx)
Ottawa Centre	145.07(sx)
Hull	145.05(sx)
West of Ottawa	145.03(sx)
South of Ottawa	144.91(sx)
Nepean	145.59(sx)
West Carleton	144.97(sx)

For further information, please contact the Repeater Chair.

OARC Inc. Memberships

- **Individual Membership** is available for \$20.00
- **Family Membership** is available for \$25.00
- **New Hams** just licensed may qualify for free membership, contact the membership Chair.
- **Junior Memberships** - To encourage young people to join the club and to participate in amateur radio, the club is opening a junior class of membership. Dues will be at 50% discount but the junior member must pick up his/her copy of the Groundwave (preferably at the meeting).

June Meeting Minutes

Minutes of the OARC General Meeting - June 2, 1999

The meeting was called to order by the President, Ed (VA3MPY), at 7:35 p.m.

Ed started the meeting by asking whether there were any visitors. They were: Alan Griffin, Editor of The Canadian Amateur and Debbie Norman (VA3RGM) of RAC. Welcome guests and we hope to see you again!

Dean (VA3CDD), our Membership person, announced that he was now taking membership renewals.

Mike (VE3FFK) indicated that he was looking for volunteers to help out at the 1999 Electrathon (an electric vehicle endurance race) to be held Saturday June 5th at the Capital City Speedway in Stittsville. Anyone interested should contact Mike for details.

Dave (VE3AV) advised that he was selling 10 ft masting for \$10/length and he also had an Astron 12 power supply in excellent shape. While we were still in fleamarket mode, Ken (VE3JKF) offered for sale a 3 element beam complete with rotor. Those ready to deal, should see the appropriate vendor.

Greg (VE3Y TZ) got on the announcement bandwagon and asked for volunteers who were interested in operating the RAC station at RAC HQ during the Canada Day Contest.

Ed, finally taking the floor (Ed you just have to have more presence up there) asked if anyone was interested in taking on the job of Field Day Co-ordinator. Ed also mentioned the Hamfest, Saturday September 4th at the Carp Fair Grounds (We are all very excited about that event - especially building on the string of successes we have enjoyed up to this date. Graham and Bytown Marine are donating a fabulous prize. Don't miss it or you'll regret it. For more details see the fleamarket web site at: and you can contact Jim (VE3XJ) about tables, etc. at: fleamarket@oarc.net). Ed also mentioned the Industry Canada initiatives concerning opening up the 10 metre band to those with 5WPM Code and the discussion paper on streamlined procedures. Copies of the documents were available at the front of the room as were some magazines/catalogues brought by Brian (VE3ZRK).

Turing to the first featured event of the evening, Ed presented Clare (VE3NPC) who made a very interesting presentation on the homemade pan-adaptor/bandscope for his Yaseu FT107. (Nice job Clare, your presentations are fabulous and thanks from us all.)

Ed had the distinct honour of announcing this year's Volunteer Recognition Award winners. As usual the

Executive had a tough job, but there was obvious agreement from the membership as the names of Guy Charron (VA3FZA) and George Roach (VE3BNO) were announced by Ed. Ed then presented to Guy and George plaques on behalf of the OARC recognizing their contributions to Amateur Radio. (Great job guys! We all benefit from your efforts!) Ed also presented Brian the new Clare Fowler Home Brew Award for winning with his project at Home Brew Nite. (Good for you Brian, congratulations!)

Ed well aware that the most significant event of the meeting was still ahead and in a tone of voice demonstrating respect for the democratic process, turned the chair to Richard (VE3UNW) who presented a slate of candidates for next year's Executive. With the membership engrossed in the process laid before them, the emotion in the room rose with each name as Richard read from his list: Ed (VA3MPY) - President, Rick (VE3IHI) - Vice-President, Liz (VA3ELB) - Treasurer, Greg (VE3Y TZ) - Secretary, Keith Poore, VA3KPP) - Director, Brian (VE3ZRK) - Director, Dean (VA3CDD) - Membership, John (VA3JBS) - Groundwave Editor, Harrie (VE3HYS) - Technical and Marc (VA3DRV) - Net Manager and George, VE3BNO - Historical. In one of those rare moments when time seems to stand still, the members seemed almost mesmerized by Richard's voice until Ed broke the spell when he asked for a motion accepting the slate of candidates. Fred (VE3IO) - an old hand, familiar with the procedures, made the motion. The motion was quickly seconded by Doug (VE3XK) and before you knew it, it was done. The mood noticeably lightened as the membership collectively knew it had discharged its solemn duty. (Congratulations to the new Executive, we wish you well!)

Into the home stretch, Rick (VE3IHI) explained that the OARC Executive had agreed to sponsor the RAC Amateur of the Year Award for a five year period. Doug, Vice- President of RAC, thanked the OARC for its sponsorship and indicated that the plaque will be hung at RAC HQ.

With that, Ed declared the meeting closed at 8:45 and the members dined on cheese and crackers and engaged in excited discussion as they realized that summer vacation and openings on the six metre band were almost upon them.

See you in September. (September 1st to be exact.)

Radio Amateurs of Canada

All News below is received from Radio Amateurs of Canada (RAC) bulletin service. Readers may subscribe to this service, visit the RAC website at www.rac.ca for more information. Guy Charron VA3FZA Bulletin Editor. Email: va3fza@rac.ca Packet: va3fza@ve3kyt

Date: June 18, 1999

Subject: WRTC2000

The World Radio Team Championships(WRTC 2000) will be held in Slovenia in July, 2000; The WRTC 2000 organizing committee has allocated 2 contest teams to Canada and directed that those teams should be selected by its national society, Radio Amateurs of Canada, Inc(RAC).

Any amateurs interested in being considered for the Canadian WRTC teams should apply to VE6SH(with copies to VE7CFD and VE6SV) on or before September 1, 1999 For more information, please refer to the RAC website page at: www.rac.ca/wrtc2000.htm or contact VE6SH, VE7CFD or VE6SV.

Date: July 22, 1999

Subject: Red Cross Test

The Canadian Red Cross Society will be testing their Amateur Radio communication systems on Thursday September 09, 1999, to ensure Y2K readiness.

All Amateur Radio operators are invited to participate in this test by checking-in with one of the Red Cross Amateur radio control stations on the following frequencies:

14.128.00mHz SSB (primary Trans-Canada / International frequency)

3.770.00 mHz SSB (secondary frequency)

7.070.00 mHz SSB (secondary frequency)

The exercise will commence at 00:00hrs. GMT September 09, 1999 and end at 07:30hrs GMT September 09, 1999.

Don Shropshire Manager Field Services
Red Cross National Headquarters
Ottawa Canada.

Date: August 11, 1999

Subject: National Traffic System Seeking Digital Operators

Digital operators with PACTOR capability and an interest in helping to handle National Traffic System messages are needed across Canada, but particularly in the Atlantic provinces. Messages can be picked up from the VE3BDM WinLink system in Brockville, ON on 80, 40 or 20 M and relayed onto various local HF or VHF traffic nets for delivery. For more information, please contact George - VE3BDM by e-mail at ve3bdm@rac.ca.

Pierre Mainville, VA3PM
RAC Field Services Manager

Date: August 23, 1999

Subject: Annual Simulated Emergency Test (SET)

The RAC Field Organization is inviting all Radio Amateurs to participate in a Simulated Emergency Test (SET). We feel it is very important to demonstrate the cohesion between Amateur Radio Emergency Services (ARES) groups and National Traffic System (NTS), as well as to demonstrate to served agencies and the public what services can be provided under simulated emergency conditions.

The main weekend for the 1999 SET is Oct 2-3, but ARES teams or nets may conduct their exercises anytime between September 1 and November 30. Consult with your Section Emergency Coordinator before settling on a date as a SET works best if there is active participation in a number of areas throughout a Section, and involving more than one local net, if possible.

Whether you are part of a new or experienced ARES group, the SET is a great opportunity to learn or practice useful skills in traffic handling, net operation and emergency communication management. For more information and guidelines check the RAC Web page. The URL is: <http://www.rac.ca/set1998.htm>

Subject: RAC Bulletin 99-077E On Air Events - Sept

- 4 CCCC PSK31 Contest
<www.netsync.net/obrienaj/carc.htm>
- 4-5 All Asian DX Contest, SSB
- 4-5 IARU Region 1 Field Day, SSB
- 5 North American Sprint, CW
- 5 Panama Anniversary Contest
- 5-6 LX DX, CW
- 6-7 MI QRP Club Labor Day CW Sprint

Joe Norton Award

The OTTAWA AMATEUR RADIO CLUB INC. awards annually the Joe Norton Trust Award for the advancement of amateur radio. The amount of this award is approximately \$500.

ELIGIBILITY:

To be eligible, a candidate must:

1. Be a resident of the National Capital Region as defined by the official federal government map.
2. Have received a Certificate of Proficiency in radio from Industry Canada during the period June 1, 1997 to June 1, 1999.
3. Send a written submission of no less than 600 words and no more than 900 words to the executive of the OTTAWA AMATEUR RADIO CLUB INC., setting out his or her interests, achievements and plans to contribute to the advancement of amateur radio.
4. Present him/herself for an interview if so requested by the judges.

RULES

1. Entries must be received on or before November 10, 1999. No entries received after that date will be considered.
2. The club will send an acknowledgment in writing upon receipt of an application.
3. A panel of judges appointed by the executive of the OTTAWA AMATEUR RADIO CLUB INC. will evaluate all entries.
4. Finalists may be interviewed by members of the executive of the OTTAWA AMATEUR RADIO CLUB INC., the panel of judges, or both.
5. Submissions will not be returned.
6. If the judges do not select a candidate in any year, no award shall be made in that year and the monies shall return to the trust fund.



7. All decisions of the executive of the OTTAWA AMATEUR RADIO CLUB INC. are final.

8. The winner will be notified on or before November 19, 1999.

9. The winner will notify the OTTAWA AMATEUR RADIO CLUB INC. of his or her acceptance of the award no later than November 26, 1999.

10. The award will be made during the regular meeting of the OTTAWA AMATEUR RADIO CLUB INC. in December.

11. The winner agrees to have his or her name, photograph and address published in club bulletins, trade papers and magazines, and on the airwaves.

Send your entry, to be received no later than November 10, 1999 to:

Joe Norton Trust Award
OTTAWA AMATEUR RADIO CLUB INC.
Box 8873
Ottawa, ON
??? ???

News from Near and Far

It is that time again - CPC Club Breakfast

It is that time again and you must ensure that your cholesterol level is correct by attending the CPC Breakfast Club on Sept, 11 1999. Contact Guy or listen to the Thursday night CPC club net for the location.

Guy, VE3WGL ve3wgl@rac.ca

Special Event Station. Canada WAR Museum

Dear OM, dear YL,

Please allow me to take a minute of your time to ask you for a great favor.

But let me first introduce myself: My name is Marian and I am the president of Amateur Radio club in Bruges, Belgium called "the Bruges Radioamateurs". We have more than 150 members and our club is still growing.

Now, a bit of history: at the end of the second World War, this part of Belgium was liberated by Canadian soldiers, to commemorate the event, each year a number of

News from Near and Far, continued

ceremonies are held in the region. It has been a custom for Belgian radio amateurs to participated in these commemoration days for many years.

This year, on September 10, 11 and 12, our radio club will be present at the Canada War Museum, in Adegem (Maldegem) near Bruges. Lots of Canadians visiting Belgium stop by the war museum.

Our presence at the war museum on these commemoration days is but a small token of appreciation for those Canadian soldiers who died for our freedom on September 12th, 1944.

Michael, VE3TK provided me with information on Canadian Radio clubs. This gives me the opportunity to contact a good number of Canadian Amateur Radio Clubs. I would like to thank all clubs and radioamateurs who help us spread the information about this special event. With your help this special remembrance weekend will be a great success.

May I ask you to notify the members of your club about our special event station ON4CWM (Canada War Museum). Use any means that seem appropriate i.e., in your club newsletter, packet radio, your Website or local club meetings.

The commemoration starts on Friday evening, September 10th with a reception at the Canada Museum and a visit to the gardens and the museum. On Saturday, September 11th and Sunday, September 12th, the special event station ON4CWM (Canadian War Museum) will be active all day long on the following frequencies and modes:

20 meter : 14.325 MHz.SSB

15 meter : 21.325 MHz.SSB.

10 meter : 28.325 MHz.SSB.

80 meter : 3.744 MHz SSB/3.544 MHz CW.

2 meter: 145.325 FM/144.325 SSB

We look forward to contacting as many Canadian hams as possible during that weekend. For this special occasion, a special award and QSL card is available just for a mere contact. Please send us your QSL card and \$4.00 (US) to help cover the award expenses. The award is also available for SWLs.

We look forward to working you all on September 11/12th !

Best '73 and 88.

Marian, ON4AYL

phone and fax: +32 050713651

E-mail: de.clerck.marian@skynet.be

Mk's words

(Friday) Aug 13

Where to begin.. It has been quite a summer. Remember Field day, how about Canada Day.. Maybe too hot and dry for growing anything except older, but good weather for just hanging around - but toss in a few transmitter hunts, and thing a thons, and the summer is gone already.

The propagation gods smiled on us, and I got the bike up on 40 metres for the daily commute (That's why you haven't heard me on the 2m going to work nets.) With the commute being so long, I haven't had any enthusiasm for long distance bike rides on the weekends, or evening cycling. This means I'm on the air when most other hams in eastern North America are commuting. It seems there are two kinds of people on at those times of day, the retired guys (who are on the air all the time anyway), and those who also run HF during their commutes. One morning I had three QSOs with hams who were running CW mobile in cars on their way to work. I haven't worked any other bike mobile CW ops, but its only a matter of time. It seems the rig of choice among big mobile ops is the Icom 706 and screwdriver antenna combination. It sounds fine at this end, but isn't my kind of set up. You have probably heard me rant about what I don't like in the 706, and, if you can decide what band to operate before you start, then the hamstick is a smoother way to do antennas. My set up still needs work, as the paddles aren't quite what they should be yet. They work, but the speed limit seems to be 18WPM, and that is only on smooth roads. Otherwise it drops to a painfully slow 12WPM. At that rate, Its hard to remember the other hams call long enough to turn it back to them. The antenna is about 10 ohms at resonance, so I have to off tune to avoid an SWR shutdown by the rig. Yes, I should probably put a capacitor across the feed point to match it, but I'm lazy, and this is working. Somebody suggested a transformer to match it. Better, but is still more work than I want to do. Maybe later in the cycle, when I need all five watts to make a contact, I will try to make the system efficient -Or maybe I will just move back to the little waves on 2m.

Of course the summer projects still aren't nearly done, but I had a good time wasting those long hot summer evenings while procrastinating.

I am growing a new antenna support in the front yard, as the original ones have died on me. If the squirrels don't get it, it should be ready to hold up wires in another sunspot cycle or two. The trees in the back are doing well enough that I should re-string the HF loop this fall when the leaves are down. Somehow there are always more things to do than either time or ambition will allow. At least I'm getting used to that fact.

73, and stay in the shade.

mk..VE3FFK

WCARC

The WCARC club web page can be found at: [HTTP://www.wcarc.on.ca](http://www.wcarc.on.ca). Check it for the latest and greatest news!

<p>May 4, 1999 Minutes</p> <p>Opening</p> <p>— The meeting was opened shortly after 7:30pm at the offices of Cygnus Satellite Systems Corporation, 5799 Hazeldean Road in Stittsville by Club President Brian VE3CRG. 17 Amateurs were present.</p> <p>Treasurer's Report</p> <p>— Club Treasurer George VE3GWS reported that cash-on-hand was \$991.90. Expenses since the last meeting included: a \$600 donation towards the VE3KJG repeater; payment for GPS antennas (to be sold by the Club); AMSAT membership renewal for \$77.70; and a \$10 fee to the QSL Bureau. Revenues included: GPS antenna sales, one family membership and two individual memberships.</p> <p>Club Projects</p> <p>— The selling prices for GPS antennas and receivers were agreed upon. Spec. sheets were to be photocopied and customized for "WCARC" to be taken to Dayton. The specifications will also be posted to the web site. Members also discussed the sale of products via the Internet.</p> <p>— Peter VE3TFP presented charts of the last two years' Field Day results, and the Club analyzed them to figure out what was being done right or what was being done</p>	<p>wrong. Ideas and strategies were discussed to improve operations over last year. Field Day will be held at the Mill of Kintail this year.</p> <p>Other Topics</p> <p>— Kieran VA3KS reported that KSBBS was officially, officially closed after having been officially closed but left running a year ago. There are a couple of other Amateurs in the area that have plans to set up a BBS in the area.</p> <p>— Kieran also mentioned the WCARC sideband net, which is held every Tuesday at about 8:30pm on 144.250 (USB). The net uses vertical polarization.</p> <p>— Graham VE3BYT announced that the Spring St. Lawrence Valley Repeater Council meeting is to be held Sunday, May 16th at 1:00pm in Iroquois.</p> <p>— Richard VE3UNW mentioned the RAC General Meeting at the end of the month.</p> <p>Conclusion</p> <p>— The meeting was adjourned at about 9:20pm. The next meeting, the last before September, will be on June 1st, 1999, and will be held at Cygnus Satellite Systems Corporation in Stittsville starting at or about 7:30pm.</p> <p>Rene VA3RDK</p>
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Next Meetings	Field Day
<p>The next meeting of the OARC will be held Wednesday, Sept, 1st at 19:30 at the RMOC headquarters - 111 Lisgar St.</p> <p>The next meeting of the WCARC will be held Tuesday, Sept, 7th at 19:30 at the offices of Cygnus Satellite Systems - 5799 Hazeldean Road</p> <p>The Finer Points of Publishing...</p> <p>Material published herein, does not necessarily represent the official OARC viewpoint.</p> <p>Items may be reprinted by Amateur Radio Clubs or other publications provided that proper credit is given to the author and to the OARC, Inc.</p> <p>We also miss a credit on occasion. If this happens to your article, please email us so we may print a correction.</p>	<p>Field Day has come and gone for another year. Unfortunately, our quest to bring the trophy home met with defeat</p> <p>This year's effort netted us just under 2,000 points while West Carleton doubled us with nearly 4,000 points!</p> <p>Obviously, our scorekeeper was far more honest!</p> <p>All involved had a terrific time..</p> <p>The trophy is an engraved plaque which hangs throughout the year at RAC headquarters.</p> <p>Pictures of most OARC events are available on our web site.</p>

OARC Hamfest '99

The Ottawa Amateur Radio Club, Inc. is pleased to announce it's 3rd annual Hamfest.

Saturday, September 4, 1999 (Labour Day weekend)

Tailgaters Open and Building Vendor setup: 9 am

Building Opens: 10 am until 1 pm

Carp Agricultural Fair Grounds

3970 Carp Rd (at Falldown Lane)

Carp, Ontario Canada

Highway 417 to Carp Road exit, North to Carp and the fairgrounds

We have moved to a larger building on the same site so watch for the FLEA MARKET signs.

\$3 general admission

\$5/tailgate (plus admission)

\$10/table (plus admission)

Tickets are to be sold for a very Special Door Prize:

A Fabulous **ICOM PCR1000** Wide Band Computer Scanning Receiver.

Very Generously Donated by:

Bytown Marine Limited

5 Corvus Court

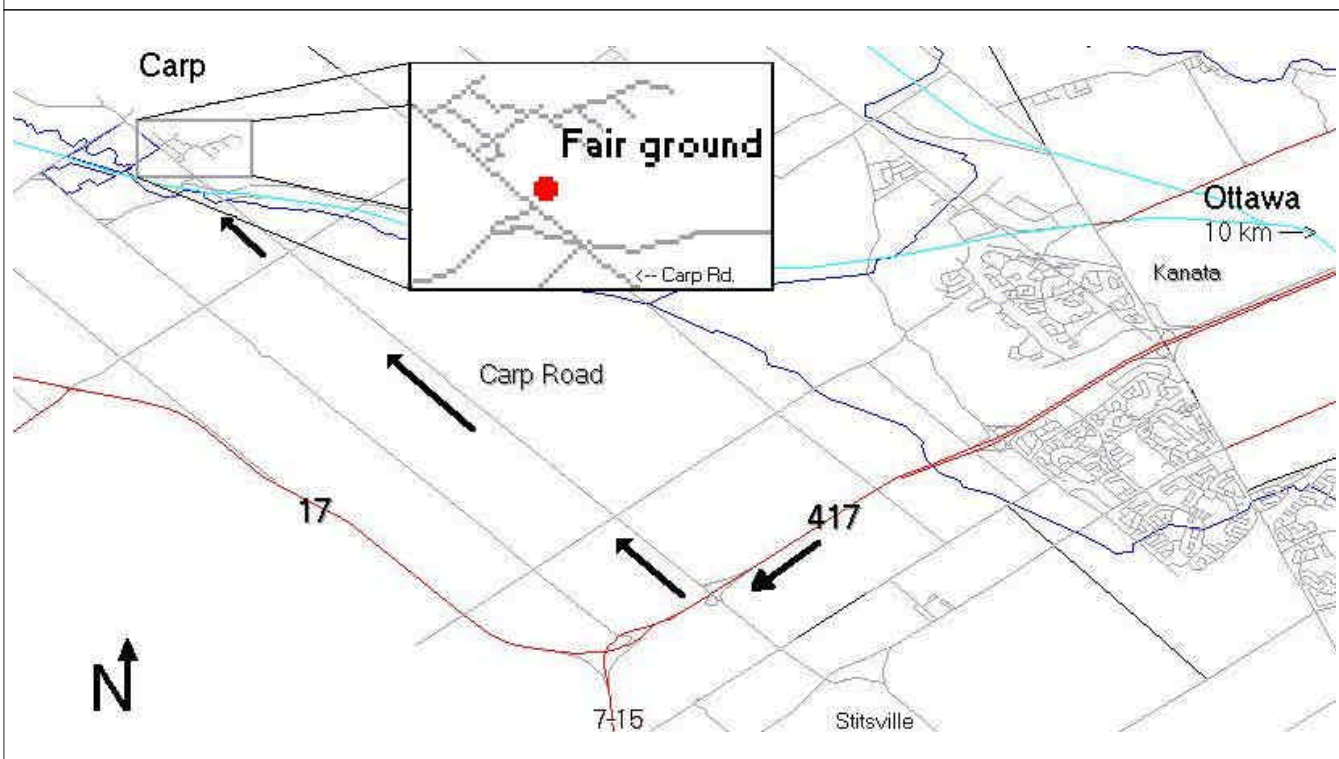
Nepean, Ontario, K2E 7Z4

Phone: (613) 723-8424

The OARC Hamfest is held at the same time as the Carp Farmer's Market. So in addition to their amateur radio needs, guests can also enjoy stocking up on farm fresh produce and crafts from local artisans. Bring the family!

Talk-in on VE2CRA , 146.940 - Mhz

For further information or reservations contact: Jim Cummings ,VE3XJ 613-446-1225(H) fleamarket@oarc.net
<http://oarc.net/fleamarket>



Membership Form

Ottawa Amateur Radio Club Inc.

Box 8873
Ottawa, ON
K1G 3J2

Membership Renewal / Application

Callsign(s) _____|_____|_____

First Name _____ Last Name _____

Address _____

City _____ Prov|_____| Postal Code|_____

Home Phone _____ - _____ Work Phone _____ - _____ ext _____

Email Address _____ @ _____

Current Qualification: Basic Advanced Grandfathered
5 wpm 12 wpm Year Licensed 19 _____

- Renewal (\$20 single, \$25 family, \$10 junior)
- Newly Licensed ham - \$FREE if licensed in current membership year
- New Single Membership - \$20 (\$15 after February)
- New Family Membership - \$25
- New Junior Membership - \$10



BML Communications

(a division of Bytown Marine Limited)

5 Corvus Court, Nepean, ON, K2E 7Z4

Tel: 613-723-8424 Fax: 613-723-0212

Email: gwalker@bml.ca

Web: www.bml.ca

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- KENWOOD
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- CUSHCRAFT
- DIAWA
- DIAMOND
- LARSEN
- MFJ

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see
us
at
the
OARC
hamfest
!!!**



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