

Rambler

Newsletter of the
Ottawa Valley Mobile
Radio Club
Incorporated



Apr 2011

Edition 55

Page: 1

President's Ramblings

In March, we celebrated the graduation of eight new radio amateurs. They all graduated following the amateur radio course offered by the OVMRC. Each graduate received a certificate, a one-year membership in RAC as well as other material pertinent to amateur radio operating practice. Congratulations and we look forward to seeing you during the various activities organized by the OVMRC.

The second half of the meeting was allocated to presentations of home brew projects. Prizes were awarded to the top three projects. The judges were Bob VA3QV and Glenn VE3XRA. The first prize was awarded to Joe VE3EUS for his twenty-meter vertical antenna. The second prize went to Ernie VE3EJJ for a soldering iron. The third prize was given to Chris VA3SM for a collapsible J-pole. Guy VE3VCF received an honorable mention for presenting a two-meter quad antenna. Each author presented their project briefly. Numerous questions were asked.

For our next meeting, we will have a presentation from Dannis René, owner of Les Produits Électroniques ELKEL Ltée from Trois-Rivières, QC. Elkel is an amateur radio equipment vendor and has been a great sponsor for the OVMRC and VE3JW. Dannis is



2011 amateur radio class graduation: From left to right: Ernie VE3EJJ (Instructor), Jean VE3JNE, Guylene VA3GLN, Darin VE3OIJ (Instructor), Bill VE3LJG, Kirk VA3DRG, Ken VA3NEK and James VE3BUX (absent from the photo: Adrian VA3ZWB and Ean VE3AVQ).

very knowledgeable about amateur radio equipment. I'm sure we will learn a lot of useful tips again this year. Hope to see all of you there!

Michel Barbeau, VE3EMB
President
michel.barbeau@sympatico.ca

INSIDE

President's Ramblings.....	1
Meeting Minutes.....	3-6
VE3JW in February.....	6
The Bureau is looking for.....	6
Paving the way to the stars.....	7
RAC Bulletin.....	8

INSIDE (Continued)

RACs NE Ontario Director's Report.....	9
April Field Day Update.....	10
Rideau Lakes Cycle Tour.....	11
For Sale.....	11
Letter to President OVMRC.....	12
Next Meeting.....	12
Photos from last meeting .	13-14
Larry Wilcox Memorial 2M Contest.....	15 - 18

OVMRC Executive 2009-2010

President:

Michel Barbeau, VE3EMB

Michel.barbeau@sympatico.ca

Vice-President:

Darin Cowan, VE3OIJ

Ve3oij@amsat.org,

Treasurer:

Robert Plante, VA3SHO

plantrj@rogers.com,

613-231-6044

Assistant Treasurer:

Beth Webster, VA3CEW

cemwebster@gmail.com,

Secretary:

Joe Lemieux, VE3EUS

ve3eus@rac.ca,

613-745-5074

Standing Committee Chairpersons

Amateur Radio Exhibit:

Darin Cowan, VE3OIJ

ve3oij@amsat.org,

Amateur Radio Training &

Accredited Examiner:

Ernie Jury, VE3EJJ

es282@freenet.carleton.ca,

613-728-3666

Historical:

Ante Laurijssen, VA2BBW

va2bbw@gmail.com

Membership:

Joe Lemieux, VE3EUS

ve3eus@rac.ca,

613-745-5074

Publicity & Programs:

Vacant

Radio Operations:

Patrick Tunney, VA3CMD

va3cmd@rac.ca,

Technical:

Mathieu Goulet, VA3ECM

va3ecm@rac.ca,

Emergency Preparedness:

Paul Labbé, VE3NJS

paul.labbe@usa.net

Special Events:

Bob Sharp, VA3QV

va3rcs@rogers.com

Newsletter Editor:

Robert Cherry, VE2AGE

robert_cherry@hotmail.com

Webmaster:

Chris Wiesner, VA3SM

va3sm@rac.ca,

613-837-2667

For information about the duties and responsibilities about all Executive and Chair positions, please visit the OVMRC forums, Member section or contact any member of the Executive.

Sponsors

The OVMRC acknowledges the following organizations for their support of our activities:

- **Acceptable Storage**, Ottawa, ON
- **Bytown Marine**, Ottawa, ON
- **Elkel Ltee.**, Trois-Rivières, QC
- **Kenwood Electronics Canada Inc.**, Mississauga, ON
- **Travel-Mor Trailer Sales**, Ottawa, ON

The club's web site is hosted by:

Magma Communications Ltd.

www.ovmrc.on.ca

OVMRC Life Members

Maurice-André Vigneault, VE3VIG

Ralph Cameron, VE3BBM

Doug Carswell, VE3ATY

Doreen Morgan, VE3CGO

Ed Morgan, VE3GX

Bill Wilson, VE3NR (SK)

OVMRC Repeaters

147.300 MHz(+)

444.200 MHz(+)

Amateur Radio Exhibit

VE3JW

Web site:

ovmrc.on.ca/ve3jw.htm

Canada Science & Technology
Museum

The Rambler is the official newsletter of the Ottawa Valley Mobile Radio Club Incorporated and is published 11 times a year (monthly, except for July). Opinions expressed in the Rambler are those of the authors and not necessarily those of the OVMRC, its officers or its members. Permission is granted to republish the contents in whole or in part, providing the source is acknowledged. Commercial use of the contents is expressly prohibited.

Submit articles to the editor or by e-mail to:

[Robert Cherry, VE2AGE](mailto:Robert.Cherry.VE2AGE)

robert_cherry@hotmail.com

Ottawa Valley Mobile Radio Club, Incorporated

PO Box 41145

Ottawa, ON K1G 5K9

www.ovmrc.on.ca

**Visit the OVMRC Store
at**

<http://www.cafepress.ca/ovmrc>

MINUTES GENERAL MEETING

March 17, 2011

1. CALL TO ORDER

Beth VA3CEW called the meeting to order at 19:40. There were 29 people in attendance.

2. GUESTS

George Chapman, Jamie VA3JME.

3. PROGRAM

3.1 Graduation Ceremony, Amateur Radio Class of 2010-2011

Ernie VE3EJJ introduced the eight graduates of the amateur radio course that was offered by the Club during the fall and winter of 2010-2011. The graduates are Adrian VA3ZWB, Bill VE3LJG, Ean VE3AVQ, Guylène VA3GLN, James VE3BUX, Jeannie VE3JNE, Ken VA3NEK and Kirk VA3DKG. Six of these graduates were able to attend the ceremony.

The Class of 2010-2011 was a strong one. Most graduates achieved honours standing on the examination. Three of them also obtained advanced standing. Ernie presented the graduates with certificates. As well, each graduate received a membership with full privileges in the Club for the rest of the fiscal year that ends August 31, 2011. Further, they received a 12-month membership in Radio Amateurs of Canada (RAC) and a copy of The RAC Operating Manual.

In addition to Ernie, Chair of the Amateur Radio Training Committee and Accredited Examiner with Industry Canada, the other instructors of the Class of

2010-2011 were Bob VE3SUY, Darin VE3OIJ, Ed VE3GX, Michel VE3EMB and Ralph VE3BBM. James VE3BUX provided feedback on the course through his blog.

To all graduates, congratulations and welcome to the Club.

3.2 Home Brew Night

Four members of the Club presented home-brewed projects. Judges for Home Brew Night were Bob VA3QV and Glenn VE3XRA.

a) Soldering System for Coaxial Cable Connectors

Effective soldering of connectors to co-axial cables requires that a large amount of heat be applied at the appropriate location over a very short time. Ernie VE3EJJ demonstrated the use of a system to accomplish this task. For this demonstration, he soldered the braid of a co-axial cable to a PL-259 connector. The power supply was made from the transformer of a microwave oven from which the high voltage winding was removed and replaced with several low-voltage, high-current windings. The heating tip was made from the carbon element of a D-cell battery. Modified vise-grip pliers held the connector securely in place throughout the soldering process. The system developed a near-instantaneous power of 300 watts in the immediate region of the access holes on the connector. Ahs! and ohs! were heard on multiple occasions during Ernie's demonstration.

b) Two-Metre Loop Antenna

Guy VE3VCF described a one-element loop antenna, owned by Frank VE3YY, for use on 2-meters. The antenna cross members were

made from yellow driveway markers. The boom was made from plastic plumbing pipe. Power was supplied through a BNC connector. Although, as presented by Guy, the antenna was not configured with Yagi elements, such elements could have been added to provide directivity. Recently, this antenna was tested successfully in a vertical configuration from a second-floor bedroom using a power of 10 watts during FM nets. Guy plans to test this antenna in a horizontal configuration on SSB. Many commented on the very high level of craftsmanship with which that antenna was built.

c) Twenty-Metre Field Antenna System

When operating in the field, most of us want to spend as much time on the air and as little time as possible setting up and tearing down equipment. Joe VE3EUS described a 20-metre field antenna system that was used at Lighthouse/Lightship Weekend and later, after further modification, at the Society for the Preservation of Amateur Radio (SPAR) Winter Field Day. The antenna was made from sections of half-inch copper pipe cut short enough to fit inside a small vehicle. For rigidity, the sections were held together with slide couplings. Two such couplings were soldered together. One of these couplings (with the tapered end cut off), in turn, was soldered to the bottom end of each section. Guy wires were attached to the antenna by means of washers. These washers were big enough to slip over the top end of pipe sections, but too small to slide beyond the couplings. Key chain split rings were fitted in holes drilled every 120 degrees around

the washers. A clip holding a fluorescent guy rope snapped into each of the split rings. Four sets of radials were attached at the base of the antenna. Each set had three pieces of wire cut for each of 20 metres, 15 metres and 10 metres. The wires in each set were taped together to prevent tangling and to allow for quick deployment, especially on top of snow. Ring connectors soldered to each of the 16 radials were inserted into a bolt and held in place with a lock washer and nut. A wire was attached to the bolt that, in turn, could be quickly connected to the antenna ground with a Marett connector. The bottom end of the antenna was held in an insulated picnic table umbrella stand by means of a thumbscrew.

d) Two-Metre Collapsible J-Pole

The easier it is to carry an antenna, the more likely it is to be used in diverse operating venues. Chris VA3SM described a collapsible 2-metre J-Pole adapted from plans that appeared in the magazine QST. This antenna was made from sections of half-inch copper pipe. The bottom of each of the upper sections was fitted with a soldered coupling. These couplings were inserted over the section of pipe below it. An end cap was soldered to the top-most section. This arrangement prevents water from dripping into the antenna. An SO-239 connector was fastened to a piece of plastic CD jacket which, in turn, was attached to each side of the "J." The distinguishing feature of this antenna is a bungee cord fitted inside the pipes. This cord holds the sections in relative position when the antenna is taken apart and helps to hold them together when it is fully extended.

This antenna was deployed successfully at the recent Canadian Ski Marathon. It could be made to resonate on 147 MHz by means of either, a tuning stub or by sliding the plastic CD cover along the "J" of the antenna. The antenna, however, can be tuned over the entire 2-metre band. The antenna likely resonates on 70 cm, but Chris had not yet tested it on that band.

e) Decision of the Judges

Following extensive deliberations, the judges decided as follows: Honourable mention, Guy VE3VCF; third prize, Chris VA3SM (a multi tool); second prize, Ernie VE3EJJ (a set of screwdrivers); and, first prize, Joe VE3EUS (a butane torch).

4. REPORTS FROM CHAIRS

4.1 Amateur Radio Exhibit

a) Donation from Elkel

Darin VE3OIJ informed members that two plaques had been commissioned to commemorate the donation of a Kenwood TS-590S transceiver to the Club station, VE3JW, by Les Produits Électroniques ELKEL Ltée of Trois-Rivières, Québec. One plaque will be presented to Elkel and the other will be displayed at the station.

b) Amateur Radio Satellite Course

Maurice-André VE3VIG presented a certificate to James VE3BUX to mark his successful completion of the satellite amateur radio course offered by the Club. There are four other amateurs currently taking this course. The course is open to all licensed amateurs. It requires a commitment of about six hours to

complete and it is free. Those interested in taking the course should contact Maurice-André to book an appointment at a mutually-convenient time.

c) Commemoration of Space Flight by Yuri Gagarin

Maurice-André VE3VIG informed members that, on April 12, Russian cosmonauts would commemorate the 50th anniversary of Yuri Gagarin's space flight. Gagarin completed one orbit of the Earth on April 12, 1961. Cosmonauts will transmit from ARISSat-1, although it will still be on board the space station. In order to use ARISSat-1, they will need to connect it to an external antenna. Some 24 messages in 15 languages will be transmitted over a period of 24 hours. AMSAT will issue certificates to stations reporting reception of these messages. ARISSat-1 is expected to be deployed into orbit in July, 2011. For more information, consult AMSAT, the ISS Fan Club or Heavens Above at the following websites:

<http://www.amsat.org/amsat-new/index.php>

<http://www.issfanclub.com/>

<http://www.heavens-above.com/>

4.2 Membership

Joe VE3EUS reported that 68 amateurs are members of the Club for the fiscal year starting September 1, 2010 and ending August 31, 2011. Those who want to order a nametag should see Joe at the membership table.

Beth VA3CEW informed members that the RAC QSL Bureau wishes to contact a number of amateurs. A list of those sought by the Bureau

appeared in the March 2011 issue of the Rambler.

4.3 Newsletter Editor

The deadline for submission of articles for the April, 2011, issue of the Rambler is April 8. Articles should be forwarded to Robert VE2AGE, Newsletter Editor.

4.4 Program and Publicity

Michel VE3EMB informed members that Dannis René, a representative of Les Produits Électroniques ELKEL Ltée of Trois-Rivières, Québec, would make a presentation on amateur radio equipment at the April, 2011, general meeting of the Club. The Club will take this opportunity to present a plaque to Elkel in appreciation of the Kenwood TS-590S that it recently donated for use at VE3JW.

4.5 Special Events

a) Two-Meter FM Contest, May 7, 2011

Bob VA3QV reminded members that the Larry Wilcox Memorial 2 Meter FM Contest would be held on Saturday, May 7, 2011. This event is strictly FM simplex voice. The contest will last four hours. Rules were published in the March 2011 issue of the Rambler. That issue also contains links to websites documenting the wards to be used in both, Ottawa and Gatineau, in completing log sheets. All amateurs are welcome to participate.

b) AARL Field Day, June 25-26, 2011

Bob VA3QV also reminded members that the AARL Field Day 2011 will be held on June 25 and 26. The Club will operate from the grounds of the Canada Science and

Technology Museum, in proximity to the rocket. This location is particularly effective for the deployment of dipoles. The Club plans to operate under a 2-Alpha configuration. The Club communications trailer will be used during this event.

Darin VE3OIJ will act as HF digital captain. Maurice-André VE3VIG will act as HF CW captain. The Club will also operate on VHF on 2 metres and 6 metres. Bob will supply satellite equipment. Recent graduates of the amateur radio course are especially invited to participate. There will be a get on the air station (GOTA) to which members are encouraged to invite their non-amateur friends. All those who plan to participate in Field Day should make their intentions known at their earliest convenience.

Additional members are needed for the Field Day Committee. Issues that need to be addressed by the Committee include networking of logging programs, the deployment of a mess tent, and the preparation of food and beverages. We need a BBQ chef! Those interested in participating in the Committee should contact Bob as soon as possible.

c) Expedition to former Foy Mount Radar Station

Bob VA3QV informed members that, on March 19, 2011, in company of Ante VA2BBW, Martin VA3SIE and others, he would be operating on voice and CW from the former radar station at Foy Mount, Ontario. Amateurs are invited to QSO on the 2 metre band through the 40 Meter band. The group plans to operate on 144.200 MHz and 146.550 MHz on the 2-

metre band, and on 50.125 MHz and 52.525 MHz on the 6-metre band.

4.6 Technical

Mathieu VA3ECM informed members that a category would be added to the Forum area of the Club website to foster discussion on the type and functionality of equipment that might be suitable to replace the aging equipment currently installed at the Club repeater VE3TWO. Members are invited to comment on the Forum or to contact Mathieu directly by e-mail.

4.7 Treasurer

Beth VA3CEW reported that there was no major departure from the Club budget. Funds that had been invested in a guaranteed investment certificate (GIC) that recently matured were deposited to the chequing account. The chequing account currently pays more interest than the GICs offered by the Royal Bank of Canada where the Club banks.

5. COMMENTS FROM THE FLOOR

a) Lanark Highlands Forest Rally

Jamie VA3JME and Jeannie VE3JNE invited members to support communications for the Lanark Highlands Forest Rally. This car rally will be held on Saturday May 7, 2011. Amateur radio operators are required on 2 metres. Headquarters for the rally will be in the village of Lanark. More information will be available shortly. In the meantime, those interested should contact Jamie or Jeannie.

6. PRIZES

Proceeds of the 50:50 ticket sales were \$51.00. The 50:50 draw

(\$25.50) was won by Don VE3KII. Don graciously donated his winnings to the Club. Thank you Don.

Door prizes were won by Jeannie VE3JNE (a lamp), by Joe VE3EUS (a book on marine electronics) and by René VE3JKR (a calculator). Prizes were supplied by both, Michel VE3EMB and by the Club.

7. UPCOMING CLUB MEETINGS

The next meeting of the Club Executive will be held at 19:00 on Thursday, April 7, 2011. The next general meeting of the Club will be held at 19:30 on Thursday, April 21, 2011.

All meetings take place at the Canada Science and Technology Museum, 1867 St Laurent Boulevard, Ottawa, Ontario. All local or out of town radio enthusiasts are welcome to attend.

8. ADJOURNMENT

The meeting was adjourned at 21:05 at which time many of the attendees proceeded, as is customary, to the local coffee shop to talk radio.

9. SIGNED

Joe VE3EUS, Secretary



VE3JW in March

Volunteers and students logged a record number of hours at VE3JW in March! Band conditions were excellent and everyone took great advantage of the station's equipment. Maurice-André taught the Satellite Operations course to a number of students through the month, and the logs show great success in the practical part of that

course. Many of the operators worked modes outside their usual comfort zone which is a wonderful thing to see. VE3BUX introduced the JT65 weak signal mode to the station, and operators have been having fun with that, making DX contacts on minimal power.

March Results

Made by Guests and Visitors:

4. Best Satellite QSO (Distance): VE3ECV to NZ5N, 2179 km

Made by regular ops:

6. Best SSB QSO (Distance): VE3EUS to ZS3Y, 12767 km

7. Best CW QSO (Distance): VE3VCF to HC2SL, 5205 km

8. Best HF Digital QSO (Distance): VE3BUX to ZS6GRL, 13064 km

9. Best Satellite QSO (Distance): VE3VIG TO PA1TNO, 5634 km

* Five QSO list for March 2011: VE2SUD, VE3BUX, VE3EUS, VE3EMY, VE3OIJ, VA3CEW, VE3EJJ, VE3VCF, VE3LTN, VE3HAZ, VE3VIG

* Most contacts for March 2011:

- Guest op: VE2SUD, 9

- Regular op: VE3BUX, 80

* Total QSOs at VE3JW for March 2011: 248

Volunteers hours for March 2011:

This month our operators have totalled 337 hours, 55 minutes.

Well done everyone!

Darin Cowan, VE3OIJ
VE3JW Manager

The Bureau is looking for...

by Beth Webster, VA3CEW

The Bureau is looking for...

VE3TDT Anthony Sollows

VE3TRZ Marc Jean Bourbonniere

VE3TKN Mark Tekenos-levy

VE3TCM Charles Morrison

VE3PRF John Edward Vink

VE3OTT Eric F. Still

VE3OAC Denis Cudahy

VA3SAX Steven Attfield

VA3PAN Paul Sowden

VA3BDV Engelbertus De Vry

VA3COC Search and Rescue Radio Group

VA3YOW Peter Shane Devanney

The VE3 QSL Bureau has QSL cards for the above, but no mailing funds. If the hams would like the cards forwarded, they should send in \$5.00 and six self-addressed adhesive labels (not the small "return address" type) showing their callsign(s) above their name. The Bureau will supply the mailing envelopes at cost. If the hams do not want the cards, they should inform the VE3 QSL Bureau and the Bureau will return these and all future QSL cards back to the senders.

Gary Westhouse, VE3NIT
VE3 QSL Bureau
Box 157
Downsview, ON, M3M 3A3
g.westhouse@sympatico.ca

PAVING THE WAY TO THE STARS



Amateur Radio has been involved in the development of space communications since 1960

resulting in the launch of OSCAR-1 in December 1961. A small step indeed, as the satellite was only 10 inches in size and weighed only 2 pounds, carrying a small transmitter on 145 MHz at 170 milliwatts. Nevertheless, it was a valuable experiment in the early days of sputniks.

First of all, I would like to thank all those who have said to me "been there, done that" in those early days. Be it a minimal effort or a huge participation, they have contributed to the advancement of the science of space communications without which exploration of the cosmos would be most difficult.

These early experimenters on short-time low-orbit satellites, on long-life microsats OSCAR-10, 11, 13, 14, and on our supersat AO-40 measuring 7 feet across at 500 pounds, helped pave the way to the stars.

Somehow, they can be compared to the supporters of the early pioneers in the exploration of the continents on Earth.

In this 21st century, we forge ahead, reaching out even farther than before, in the building of an Amateur Radio satellite that could be sent in orbit around the planet Mars, Phase 5A. An Amateur Radio team in Germany

has reached as far as Venus, bouncing their signal off this planet and through space for millions of kilometres, and receiving its echo after a long delay.

The days of the super satellites are behind us and we are concentrating on more efficient satellites with a different construction methodology. In the past, we have lost launching opportunities because a particular satellite was not ready to fly. We are now into a modular-construction method which will allow a rapid assembly of the different ready-built modules needed for a particular satellite. The first example of this is our ARISSat-1.



In addition, we have developed a transceiver using SDR technology which we have named SDX (Software Defined Transceiver). This transceiver is already in space, although not yet in orbit. It is in fact stored aboard the International Space Station awaiting the next Extra Vehicular Activity (EVA) and to be launched into orbit by an astronaut.

ARISSat-1 is an experimental satellite with limited life-time, but packs a variety of functions: VHF/UHF linear inverting transceiver, beacons, telemetry and data, SSTV images, FM transmission of pre-recorded messages in 15 languages from students of 24 countries, and Morse code transmissions of the Radio Amateur call signs of those who have contributed actively to the AMSAT goals, etc..

There is already a heightened interest amongst schools around the world which are ready to monitor these messages and detect a secret word imbedded in each message. Participate in this contest by notifying your schools and show the students how to receive the transmissions with your own radio or by lending them some equipment. For tools for the classroom see www.arissat1.org

Also, the Amateur community is setting up to listen to the Morse code transmissions and copy as many call signs as it can in order to win this contest.

Building on the ARISSat-1 experience, we already have started on a new modular-construction satellite designed for long-life into a Low Earth Orbit (LEO) pattern. This small satellite, which we now call FOX, will experiment with deployable solar panels, will have better receive and transmit capabilities with enough power to enable contacts from Earth using a portable radio.

Talks with geostationary satellite owners have been on-going to secure space on those satellites to carry some of our Amateur Radio modular satellites. They would take very little room as the power would be provided by the main satellite and it will not have to house stabilization and attitude correction hardware. etc..

Space communications also includes the work we do on the ISS to provide astronauts with relaxation in their free time and to provide the opportunity for school students to communicate with them as part of the NASA Educational Program.

To that effect, we are in the process of gearing up the new Columbus space module with VHF/UHF capabilities as well as HF. It also will



ARISSat-1 on board the ISS in storage garb. The control box is on the left side and the Kursk University (Russia) experiment (protruding) to measure vacuum in space, on the lower right side.

Picture: courtesy of NASA

have a 1.2 GHz Digital Amateur TeleVision (DATV) system for which our Project Selection and Use Committee is now assessing the feasibility. Our OVMRC Club Vice-President, Darin Cowan, VE3OIJ, is on that Committee.

Join us and share in the fun and excitement of space communications!

*Maurice-André Vigneault, VE3VIG
AMSAT Canada Delegate
ARISS International Working Group
and School Selection Committee*



RAC Bulletin 2011-008E - Development of A Canadian Field Organization

2011-04-03

**Winnipeg, Manitoba
April 2, 2011**

In RAC Bulletin 2010-032 - Vision Statement 2010-11-14, RAC committed itself to the "education and elmering of new Hams", and supporting "the training and coaching of RAC volunteers to achieve exemplary results, at the municipal, provincial and national levels." The new RAC Field Training program is the recognized tool leveraged by our ARES groups.

On December 9, 2010, Vice President Field Services with the support of the Section Managers formed a "Vice President Field Services Council".

The Council made the commitment to develop a Canadian "Field Organization". A major part of the new Field Organization will be the existing Field Service, which is key to providing services to the public and the Amateur Radio community. It will also incorporate new functions to better represent our interests to governments at the provincial and municipal levels, provide a strengthened public relations capability, expand the Affiliated Club program with a view to improving the input of Canadian Amateurs with respect to RAC policy development, and bring focus to promoting technical developments. On

24 March, 2011 the RAC Board unanimously approved implementation.

It is envisaged that each Section will form a similar council to oversee development of the Field Organization concept, taking into consideration its unique relationship with provincial governments, geography, relationships with existing regional associations, and the requirements of the individual clubs.

At its second meeting held on 13 January, 2011, the Council approved in principle an ARES Training Management System with the following six objectives:

- 1- Create a just-in-time training programme that delivers task-related skills and knowledge needed by the radio operator or team leader on the first day in a new assignment;
- 2- Develop the radio operator's abilities through a structured programme of practical training under the supervision of a mentor;
- 3- Standardize qualifications through a family of control documents that identify job tasks, skills and knowledge, to specified standards, and supplies trainers with prepared course materials;
- 4 - Promote ARES and NTS interoperability with emergency management authorities by embracing the Incident Management/Command System philosophy and exploiting provincially approved IMS/ICS courseware and certifications whenever possible;
- 5 - Institute training quality control and continuous improvement mechanisms; and,

6- Incorporate a professional development approach designed to groom the leaders of tomorrow.

The Council, through a working group, is developing an updated mission statement for the ARES. A second working group under the chair of the Ontario Section Manager has begun development of a "Specification", the foundation document in a training management system. While the focus is initially on modernizing the ARES in order to stay in step with rapidly developing national and provincial emergency management initiatives, ultimately this document will be expanded to include all roles within the RAC Field Organization.

The President and Vice President of Field Services extend an open invitation to all Amateurs with expertise in any aspect of developing the Field Organization to make contact with their Section Manager.

Contact information can be found at <http://rac.ca/en/rac/public-service/section-managers/>

Geoff Bawden, VE4BAW

President, Radio Amateurs of/du Canada



North East Ontario Regional Directors for Report April, 2011

The monthly meeting of the Regional Directors was held on March 24, adjourned and then restarted on March 31, 2011. One item on the agenda was a briefing note from the Vice President of Field Services outlining a proposed new structure for Field Services

allowing for the development of a modern and more effective field organization structure. A copy of this is available at <http://www.rac.ca/en/news/bulletins/2011/8/>

On April 7th I had the pleasure of meeting our new Honourary Legal Council, Marcel Mongeon, VA3DDD who was in Thunder Bay on business. I would like to thank him for stepping up to bat for RAC and ensuring we do all our business "according to Hoyle". He brings a vast amount of experience to RAC as our HLC.

The other topic I want to mention again is the Distracted Driving Legislation here in Ontario. We have until January 2013 to obtain an exemption for Amateurs. A small committee has been formed to work collectively on this issue. You will hear more about this shortly.

I am still hoping that each of you who participates in any public service events or Emergency Preparedness to contact the sponsors or organizers and ask for a letter of support addressed to Kathleen Wynne, the Minister of Transportation. If you send me a copy I will group them together with all the other letters and forward them to her. I for one find it difficult to ask for favours but when I have approached local organizers they were very supportive and pleased to supply the letters.

We need letters of support from across the Province to make our point that Amateurs play a vital role in the events throughout Ontario and, in the event of an emergency we are capable of providing back up to the existing infrastructure.

Also remember there are Amateur Radio events coming up in Smiths Falls on May 14th, go to the RAC web pages or ve3rlr@yahoo.ca for further information. The Ontario QSO Party is on April 16th and 17th. Check out the Contest Club of Ontario at <http://www.va3cco.com/oqp/index.htm> for more information.

If you have any questions or concerns please email me at ve3xt@rac.ca.

Bill VE3XT
North East Ontario
Regional Director



The objects in the picture belong to a member of OVMRC.

Can you guess his name?



The ARRL logo for Field Day 2011.

April Field Day Update

This update starts on a positive note as I can inform the membership that the 2011 OVMRC Field Day Event will take place at the Museum in the area close to the Rocket Ship. We have operated from this location in the past and it is an excellent location. Being close to the museum building brings us many questions from the General Public and the trees are in locations that like wire antennas. The proximity to the museum also is more secure for us and makes it a shorter walk to the washrooms.

We will be running a 2A station (CW and Digital) with a GOTA Station doing voice. In addition we will have a VHF/SAT station operating for the duration. VE3VIG will be supervising the CW Station and VE3OIJ will be supervising the Digital Station. I (VA3QV) am looking after the VHF Station.

At this time I am looking for a supervisor for the GOTA Station and the SAT Station. Don't let a lack of equipment stop you from stepping up and helping out. We as a club have the toys... We need the bodies... The same goes for operators... If you want to operate VE3RAM for Field Day (any band/mode) please contact the

Station Supervisor and let them know of your intentions.

As I work on the budget requirement for Field Day I will be contacting the CW and Digital Station supervisors and asking them for their operator lists so I can get the refreshments (food and drinks) figured out. Not being on the list means we don't know you are showing up and its hard to plan meals when you don't know who is going to show up. On that topic I could use a hand in the Mess Tent so does anyone like to BBQ?

We will be trying to discuss this along with a plea for help at the April and May General meetings with the June Meeting telling you what we will be doing.

We (your club) needs your help with this for the event to be a success. If you have any questions please see me at the meetings or contact me via email (va3qv@rac.ca)

73bob

Bob Sharp VA3QV
Field Day Chair



NEXT MEETING

21 April
19:30 Hrs

Canada Science & Technology Museum

Elkel Show and Tell

See You There !!!

Rambler Article Submission Schedule:

Please submit articles for the Rambler to the editor: [Robert Cherry](#) no later than the dates below:

May 6th

June 3rd

Club Meeting Dates:

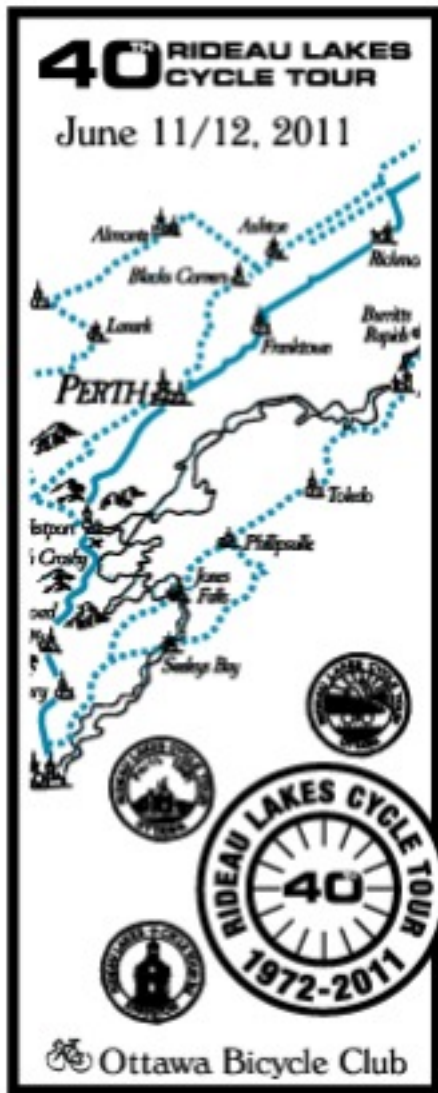
April 21st

May 19th

June 16th

Executive Meeting Date:

May 5th



Here's the short and sweet about this event...

Event: Rideau Lakes Cycle Tour (Bicycle tour leaving Carleton U. On Saturday morning for Queen's University in Kingston, overnight at Queens, and returning on the Sunday)

When: June 11/12, 2011 (Saturday morning, Sunday late morning and afternoon)

Purpose: Provide radio support for the tour -- collaborative effort between Lanark ARES, Frontenac ARES, and the Ottawa EMRG/ARES groups.

Equipment: 2m mobile ops, 25 to 50W for further out stations

Ottawa Coverage area: Carleton U. to Loon Lane between Blacks Corners and Perth

Stations: A dozen fixed mobile locations spaced approx. 5 km apart, one control station, and one mobile sweep vehicle

Appreciate the support for the OVMRC membership in past years. It has really made a difference. Anyone interested in helping out on both or either days can contact Gord (VE3FRB) at ve3frb@rac.ca No experience necessary. New participants are most welcome.

73



FOR SALE(Estate)

Proceeds to go to OVMRC and DARF(Defense of Amateur Radio Fund, a registered charity).

As an ongoing service to amateurs and their families, OVMRC executive is mandated to liquidate the contents of SK estates(as well as other donations of equipment). We therefore have the following items for sale. As recipients of the OVMRC mailing list, you will have the right to first refusal. Items are not sold before the next OVMRC meeting will be advertised on the Ontario Swap Shot web site. It's a very popular site, and items will sell quickly. I recommend you consider these items carefully. They are priced to sell, first come, first served. All equipment is in good working order. Stock pictures are available on sites such as rigpix.com or eham.com or on the manufacturer's web site.

1. Yaesu FT-101ZD HF radio, Yaesu YD147 table mic -- \$300
2. Kenwood AT-200 tuner -- \$200
3. Heathkit SB-614 Station Monitor -- \$200
4. Yaesu FT-227R Mobile 2m (10W) -- \$35
5. MFj-260 Dummy Load (300W, dry, < 650 Mhz) -- \$20
6. MFJ 407B keyer -- \$36
7. MFJ 812b meter (144/220Mhz) -- \$10 (SOLD)

Contact Darin Cowan VE3OIJ or Chris Wiesner VA3SM for details.



To: Michel Barbeau, President, OVMRC (cc OVMRC Webmaster)

Michel,

On behalf of the students attending this year's amateur radio course, I would like to extend a collective "THANK YOU" to the members of OVMRC who took their time provide the high quality of instruction on this year's course. I note Ernie (VE3EJJ) and Darin (VE3OIJ) appear as members of your Executive. To them and your colleagues who provided instruction in their areas of expertise and the course materials, we are most appreciative.

The depth of knowledge offered through this course far exceeds the minimum standard for the Basic qualification and provides a solid grounding for understanding the principles on which amateur radio is based. This is an important defining characteristic of the OVMRC Radio Course. I hope the OVMRC can continue to offer this type of course to future amateur radio enthusiasts at the Museum of Science and Technology. I have a greater appreciation for the museum, and a family membership, as a result of the OVMRC course.

I would have liked to convey our appreciation along with other students at your March meeting at the Museum, but will not be in town. I hope that you can acknowledge the contribution of all instructors to this year's course on behalf of the students. I look forward to meeting more members of the OVMRC by visiting the VE3JW station at the museum and at your April meeting.

Well done, OVMRC!

Regards,

Adrian White

Next Meeting !!!

As you know, Dannis Rene (owner of Elkel Electronics in Trois Riviers, QC) is coming to our next meeting to present new radio and associated equipment to our members. This is a fantastic opportunity for you to place an advance order for any equipment they carry. WHY? First, you will save on HST. You will only be charged GST(5%). Second, you will not have to pay shipping charges. Depending on the item's size, the savings could be substantial, especially with the rising costs of fuel and shipping. Third, it makes Dannis' trip worthwhile if he sells something. Dannis will bring any items ordered before the meeting along with him. His presentations and generous donations, and subsequent sales are what makes us a great amateur community. Please support those who support OVMRC!

Photos from last meeting

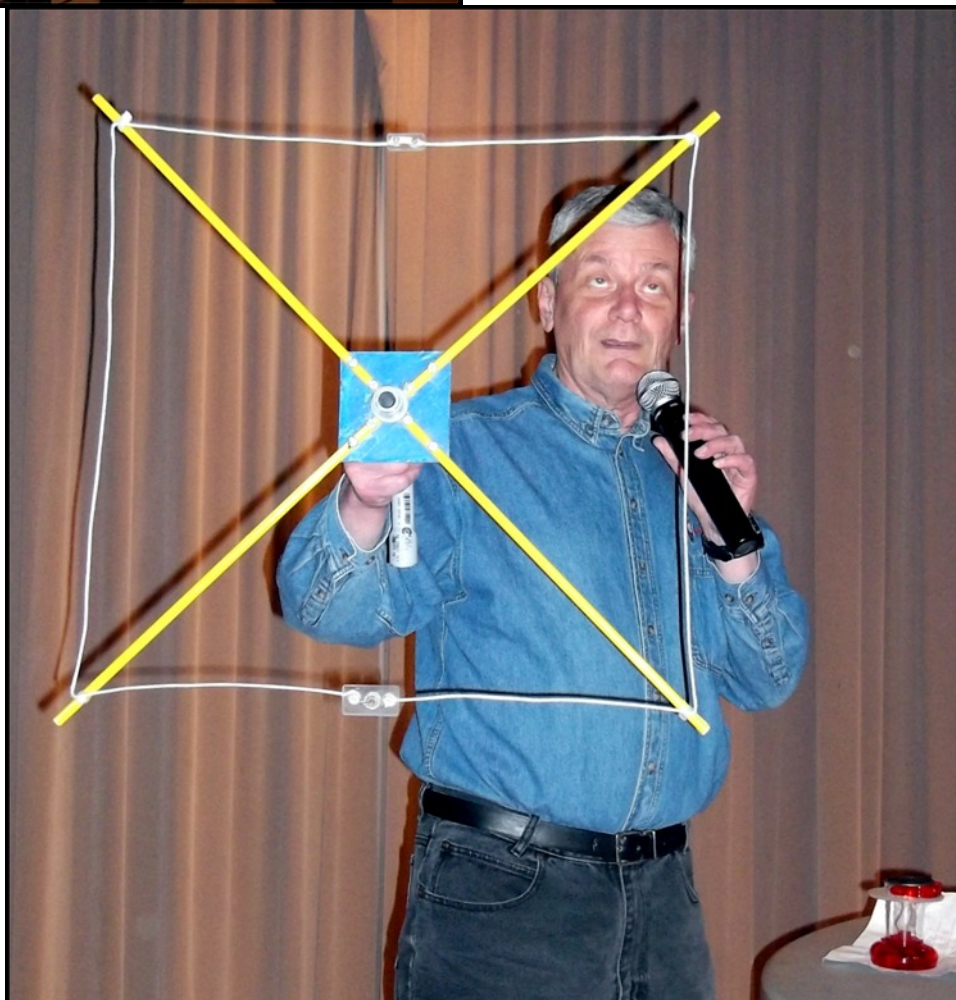
Courtesy of Michel Barbeau, VE3EMB



Ernie VE3EJJ demonstrating his soldering iron (You may watch of short Youtube video of his demonstration here

http://www.youtube.com/watch?v=_g12kZd8vR0.

Guy VE3VCF presenting a two-meter quad antenna.

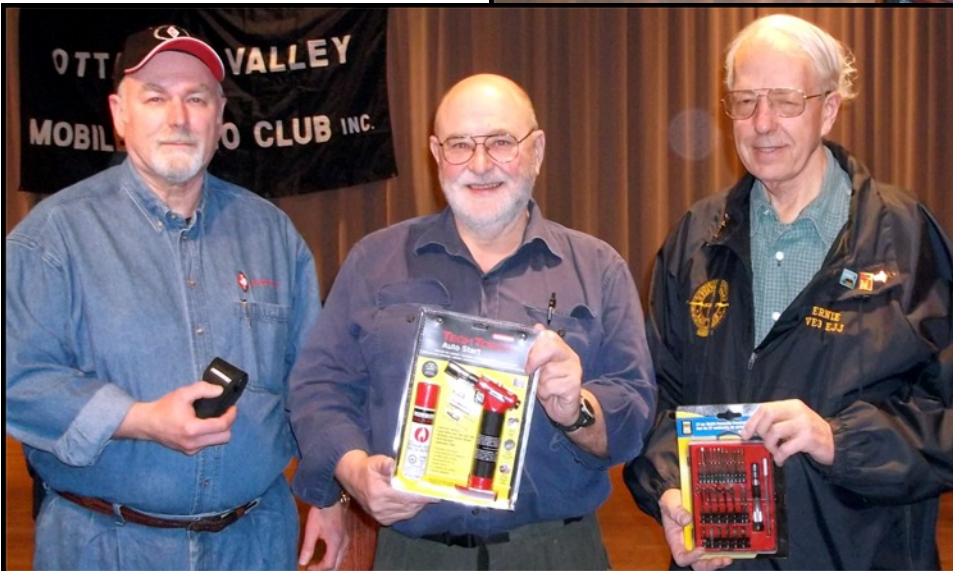


Our friendly judges: Glenn VE3XRA and Bob VA3QV.



Beth VA3CEW and Joe VE3EUS explaining a construction detail of his twenty-meter vertical antenna.

Chris VA3SM demonstrating his collapsible J-pole.



The top three with their prizes:
Chris VA3SM, Joe VE3EUS and
Ernie VE3EJJ.

OTTAWA VALLEY MOBILE RADIO CLUB LARRY WILCOX MEMORIAL 2M FM (VOICE) SIMPLEX CONTEST

REVISED RULES FOR 2011

The contest will start on Saturday May 7th 2011 at 1000 hrs Eastern Time and will run for duration of 4 hours finishing at 1400 hrs Eastern Time.

By participating in this event you agree that you are participating at your own risk and expense.

By participating in this event you agree with the following:

No operating from your vehicle while vehicle is in motion (mobile)

Rovers must be set up in a safe location before operating. Please remember the Laws as they pertain to Private Property and act accordingly.

You will watch out for overhead wires and other obstructions before setting up any antennas to be used in this event.

Category Definitions

Fixed Station- For the purpose of this contest a Fixed Station is defined as your home station. (You are operating from home)

Portable Station- For the purpose of this contest a Portable Station is defined as a station you are operating from that is not at your home. A portable station must operate from the same location and not change locations during the contest

Rover Station- For the purpose of this contest a Rover Station is a Portable Station that changes locations during the contest. A Rover Station may not operate while moving.

Mobile Station- For the purpose of this contest mobile operators are not invited to participate. The mobile category has been discontinued this year. Contacts with "mobile stations" will not be counted in this contest.

FOR THIS CONTEST THE ONLY ALLOWED MODE IS 2 METER FM SIMPLEX VOICE. NO DIGITAL, NO DUPLEX, NO REPEATERS, NO DIGITAL VOICE... 2 METER FM SIMPLEX VOICE ONLY.

Although you are allowed by the IC regulations to operate anywhere in the 2m band (144.000 – 147.999) it is *suggested* that you operate on one of the following frequencies which would be more in line with the RAC Band Plan and local repeater inputs (which we want to avoid)

146.415, 146.445, 146.475, 146.490, 146.505

146.535, 146.550, 146.565, 146.580, 146.595

147.420, 147.450, 147.480, 147.510, 147.540, 147.570

Operating in the Contest:

Using the 2m simplex frequencies (check the RAC band plan) and avoiding the 2m calling frequency of 146.520, make contact with as many stations as you can. Call “CQ OVMRC contest” or “CQCONTEST” or work stations making such calls.

Pre-arranging contacts by use of repeaters, telephones, internet or otherwise is not allowed, nor in the spirit of the contest.

Once you have logged a particular station you cannot log it again, **unless** it is a Rover station which has moved to a different city location (see details of what is a ‘location’ in the next section).

Rover stations calling CQ may want to indicate their current location.

Note, there is a **condition on a repeat logging**. A repeat logging cannot be made if it results in a station being the same consecutively in the log. For example, if contact 6 is with VA3STL you cannot log that station again as contact 7, even if the station is a rover and moved to another location. Work another station first and then it is possible to make a repeat contact but only if the rover station is in a different location to the earlier logging(s).

If you decide to call CQ, listen first to see if a frequency is in use. Remember, just because you cannot hear anything does not mean that a QSO is not going on, you may not be in range of one of the stations but you could be within the other’s range. Follow good operating practice; listen, ask if the frequency is in use and listen again, then repeat the process until satisfied it is not in use.

What to exchange

When a contact is made you need to exchange the following information: call sign, contact number, location (use the city electoral ward or district for this). If you are operating VE3RAM or VE3JW then you would also let the person know you contact that you are one of the “Club Stations”. If you are an OVMRC Member please advise them as well.

Rover stations give their current location. The location is important for the location multiplier and longest distance QSO award.

Maps of the wards or districts of Ottawa and Gatineau can be found, at the following web locations;

Ottawa:

http://ottawa.ca/city_hall/ward/new_structure/index_en.html

Gatineau:

http://www.gatineau.ca/page.asp?a=culture&c=fr-CA&p=histoire_cartes_statistiques/cartes

Scroll down to Districts électoraux.

Stations outside Ottawa and Gatineau use the local town, eg. Carleton Place, Rockland

Do not feel that this is all you should exchange, you are encouraged to talk to the other station if you want - find out how long they have been a member, for example.

Scoring and Multipliers

Contact made with OVMRC Club Station- 25 pts (VE3JW and/or VE3RAM)

Contact made with OVMRC Member – 5 pts

Contact made with non-member – 1 pt

Power Multipliers

You can claim the multi for the highest power level used during the contest. If you made 25 contacts and only one was at 50w and the rest were at 1w then you get to claim the 50w multi (2) for all contacts

51w to 100w – 1

26w to 50w – 2

11w to 25w – 3

6w to 10w – 4

1w to 5w – 5

Below 1w – 6

OVMRC MEMBERS BONUS MULTIPLIER - 1

RAC MEMBER BONUS MULTIPLIER - 1

CITY WARDS COUNT AS ONE MULTI FOR EVERY WARD YOU HAVE CONTACTED

Calculating Scores

Member Contacts + Club Stations+ Non Member Contacts = SUB TOTAL

SUB TOTAL X TOTAL NUMBER OF MULTIS = TOTAL SCORE

Longest contact

In the event two or more stations claim the same distance for the longest category the winning station would be the station claiming the highest power multi (i.e. Lowest Power Level). If after the event is still tied, then the glory will be shared and a tie declared.

Logs are to be submitted by the end of the May OVMRC Meeting so the Judge can check scores. Winners will be announced and prizes awarded at the June OVMRC Meeting.

Logs can use the following format:

Entry Form Larry Wilcox Memorial 2m FM Contest

Category (Fixed, Portable or Rover): _____

Logs for Station: _____ /Operator: _____

OVMRC Member Contacts: _____ X 5 Points = _____

Non Member Contacts: _____ X 1 Points = _____

Club Station Contacts: _____ X 25 Points = _____

Total Points: _____

OVMRC Member Multi: _____ RAC Multi: _____

Power Multi: - _____ City Wards Multi: _____

Total Multis Claimed: _____

Total Points (From above): _____

My Claimed Total Score (Points X Multis) is _____ Points

My furthest contact was contact # _____ between _____ and myself for an approximate distance of _____ kms.

I understand the Judge's decision is final

My logs follow below

Contact #	Station Contacted	City Ward	OVMRC Member	CLUB STATION
0	SAMPLE	99	NO	NO
00	SAMPLE 1	98	YES	NO
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				

USE EXTRA SHEETS IF NEEDED LOGS CAN BE SUBMITTED VIA EMAIL USING THE SAME FORMAT TO VA3QV@RAC.CA

Ottawa Valley Mobile
Radio Club,
Incorporated



P.O. Box 41145
Ottawa ON K1G 5K9

MEMBERSHIP FORM

- The membership year starts in September and runs to the end of August of the following year.*
- Regular membership is open to licensed amateurs.*
- Associate membership is open to all unlicensed radio enthusiasts.*
- Membership includes an e-mail subscription to the Club newsletter, the OVMRC Rambler.*

Date: **PLEASE PRINT**

RENEWAL NEW CHANGE OVMRC NAME TAG (COST \$10.00) No Yes

Call Sign	Surname	Preferred First Name
Street		Apartment Number
City	Province	Postal Code
Home Phone	Work Phone	E-mail Address
Are you a member of Radio Amateurs of Canada (RAC) Yes <input type="checkbox"/> No <input type="checkbox"/> RAC ID: _____ Expiry Date: / /		

- Full Membership (Not a Member of RAC)** \$35.00/year
- Full Membership (Member of RAC)** \$25.00/year
- Associate Membership (Unlicensed)** \$15.00/year

Amount Enclosed
\$ _____
Cheque Cash

My Interests are: VHF/UHF Phone VHF/UHF Digital VHF/UHF CW
 Satellite HF Phone HF Digital HF CW

Current Occupation:
If Retired, Former Occupation:
Skills: (Please list them all)

COMMENTS

OVMRC NAME TAG – ORDER DETAILS

First Name:

Call Sign: