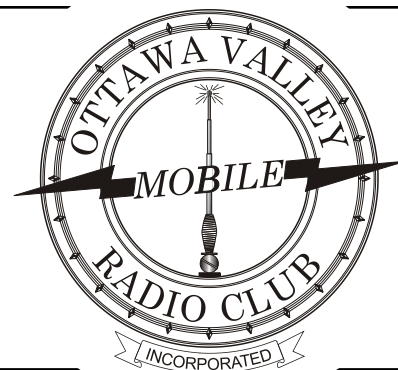


Rambler

Newsletter of the
Ottawa Valley Mobile
Radio Club
Incorporated



Aug / Sep 2016

Edition 61

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President's Ramblings

Another season of the Club is about to commence. It looks like we will be having another bumper crop of new students joining the club radio course. So far, I have 36 on my list of inquiries and I expect most will actually be registering Monday September 12th. If you know anyone that wants to take the course, we may still be able to fit them in. Have them send me an email.

I have posted in this issue the results from last June's Field Day exercise conducted on the grounds of the Aviation Museum; it was a good success promoting amateur radio and our Club to the public. As far as the score is concerned, we didn't do quite as well as the previous year (2446 vs 3016) due in part to the poorer HF band conditions and also because we didn't have a hot shot CW operator this year. Last year, Ric VE3XL helped us out but he was unavailable this year. However, Field Day this year did result in many more GOTA contacts thanks to Frank Fullum, VE2KOI and several of the new amateurs that graduated from our 2015 radio course who all made their fair share of contacts with Frank's station. We also had an active station on 6 metres and the band opened up Sunday morning with sporadic E

propagation into the southern USA. We also had more bonus points and even had a visit from the Honourable Andrew Leslie which gave us another 100 points thanks to the invitation by Tim Orange, VA3ZZW. As usual, Maurice-André provided the Club with 100 bonus points for his Satellite contact.

For our General Meeting, Wednesday, September 21st on the agenda will be a recap of FD 2016 complete with slide show of pictures taken by Dave Scott, VE3ZZU and several other Club members that participated in the event. Nicole Boivin, VE3GIQ will also present our 2016/2017 Budget to the membership with a motion for acceptance by the membership. The main addition to the budget will be money to purchase an interface kit to allow connection of an existing controller to the VE3TWO Yaesu "System Fusion" repeater. Also, the budget will have money to purchase for the Club, two transmitters for Fox Hunt events that we plan to run again this year.

We also want to organize another Club Build Project this year to follow the success of last year's dual band VHF/UHF J pole antenna project. What the project will be this year has yet to be decided. We are open to suggestions from the Club
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Meeting Dates

Club Meetings:

Saturday, Sept 10th

OARC Fleamarket

Carp Fairgrounds

Monday, Sept 12th

7:00 P.M.

Radio Course Registration

Aviation Museum

Saturday, Sept 17th

9:00 A.M.

QRP Demonstration

Andrew Haydon Park

Wednesday, Sept 21st

7:00 P.M.

OVMRC Meeting

Aviation Museum

OVMRC Executive**2015-2016****President:** Norm Rashleigh, VE3LC
ve3lc@rac.ca**Vice-President:** Barry Allison, VE3NJK
ve3njc@rac.ca**Treasurer:** Nicole Boivin, VE3GIQ
ovmrc.treasurer@gmail.com,**Secretary:** Frank Fullum, VE2KOI**Standing Committee
Chairpersons****Amateur Radio Training &****Accredited Examiner:**Norm Rashleigh, VE3LC
ve3lc@rac.ca**Membership:**

Tom Mercer, VE3LJS

Radio Operations:Ken Evans, VE3EKN
ve3ekn@gmail.com,**Newsletter Editor:**Robert Cherry, VA3AOD
cw527@ncf.ca**Newsletter Publisher:**Bill Hall, VA3WMH
bmhall@rogers.com**Webmaster:**Darin Cowan, VE3OIJ
ve3oij@amsat.org

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:

• **KENWOOD ELECTRONICS CANADA INC.**,
Mississauga, ON

• **ACCEPTABLE STORAGE**
Ottawa, ON

• **PEPPERS RADIO SALES**,
Rockland, ON
Email: peppersradio@videotron.ca
WEB site: www.peppersradio.net

RADIOWORLD TORONTOWEB site: www.radioworld.ca**OVMRC Life Members**

Ernie Jury, VE3EJJ

Maurice-André Vigneault, VE3VIG

Ralph Cameron, VE3BBM

Doug Carswell, VE3ATY

Doreen Morgan, VE3CGO

OVMRC Repeater

VE3TWO

147.300 Mhz (+) 100 Hz tone
FM & Yeasu System Fusion Digital
Operation

Amateur Radio Exhibit**VE3JW**

Web site:

ovmrc.on.ca/ve3jw.htm

Canada Science & Technology
Museum

*Is temporarily off the air due to the closure of
the Canada Science and Technology Museum*

Visit the OVMRC Store

at

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

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, VA3AOD](mailto:Robert.Cherry@VA3AOD)

Ottawa Valley Mobile Radio Club, Incorporated**PO Box 41145****Ottawa, ON K1G 5K9****www.ovmrc.on.ca**

(Continued from [page 1](#))
membership.

So we hope to see you all at our kick off meeting of the OVMRC at the Aviation Museum, Wednesday September 21st 7pm.

In the meantime, OVMRC will have a promotion table at the OARC Fleamarket and Hamfest at Carp, Saturday morning, September 10th.

de Norm Rashleigh, VE3LC
ve3lc@rac.ca

Field Day Report

The Ottawa Valley Mobile Radio Club had another good Field Day ending our 2015-2016 season. We had great Club participation and did well making contacts in spite of the poor upper HF band conditions. I particularly want to thank the GOTA operation by several of our new hams that graduated from this year's Radio Course; they contributed significantly to the score.

Score results submitted:

Call Used: VE3JW
GOTA Station Call: VE3RAM
ARRL/RAC Section: ONE
Class: 2A

Participants: 27
Club/Group Name: Ottawa Valley
Mobile Radio Club

Power Source(s): Generator,
Battery, Solar

Power Multiplier: 2X

Continued on Page: 4

Your New OVMRC Executive for the 2016/2017 season

At the June Annual General Meeting, the OVMRC membership voted in a full slate of Executive and Chairpersons to run the Club for the 2016/17 season. These folks are:

Norm Rashleigh	VE3LC	President
Barry Allison	VE3NJK	Vice President
Nicole Boivin	VE3GIQ	Treasurer
Frank Fullum	VE2KOI	Secretary
Tom Mercer	VA3LJS	Membership Chair
Darin Cowan	VE3OIJ	Web Master and Social Media Chair
Barry Allison	VE3NJK	Repeater and Technical Chair
Norm Rashleigh	VE3LC	Radio Course Chair & Accredited Examiner
Ken Evans	VE3EKN	Operations Chair
Robert Cherry	VE3AOD	Newsletter Content Editor
Bill Hall	VA3WMH	Rambler Newsletter Layout Artist

Agenda for the Sept 21st General Meeting

- Introduction of the new Executive
- Executive and Chair Person Reports
- Recap and Photo Slide Show of Field Day 2016
- Presentation and Motion to Accept 2016/2017 Club Budget
- Technical Talk by Norm VE3LC - Duplexers, Multicouplers and how VE3TWO is connected into an existing shared antenna system.

Field Day Report *(Continued)*

Description	Points	
100% Emergency power	200	Generator thanks to Pete VE3XEM
Public Location	100	Thanks to Aviation and Space Museum
Public Information Table	100	Thanks to Bryan VE3QN
NTS message to ARRL SM/SEC	100	Passed by Norm VE3LC
W1AW Field Day Message	100	Thanks to Bryan VE3QN
Satellite QSO completed	100	Thanks to Maurice-André VE3VIG
Natural power QSOs completed	100	Norm VE3LC
Site Visit by invited elected official	100	Hon. Andrew Leslie thanks to Tim VE3ZZW
Site Visit by invited served agency official	100	Thanks P. Warner, St. John's Ambulance
GOTA Bonus	60	Thanks to Frank VE2KOI & Tim VE3TXB
Submitted via the Web	50	Norm VE3LC
Safety officer	100	Thanks to Nicole VE3GIQ
Total Bonus Points	1,210	

Score Summary:

	CW	Digital	Phone	Total	
Total QSOs	165	0	288		
Total Points	330	0	288	618	Claimed Score = 1,236

Total Submitted Score (bonus + QSO points) 2446

Submitted to ARRL by:

Norm Rashleigh, VE3LC

Comments:

Many initial contacts made with solar power using large solar panel arrays during daylight hours well above the required 5. Field Day site on the grounds of the Canadian Aviation and Space Museum, a very public venue. Many visitors from folks also attending the Museum. We had a large open tent used for the GOTA station and Information Booth. Display of Morse code keys attracted children and parents. Invited elected official attending was Honourable Andrew Leslie, Federal Member of Parliament. Invited Agency Official, Mr Patrick Warner, official from St John's Ambulance.

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	50	150			49	150
40m	64	150			12	150
20m	51	150			105	150
15m						
10m						
6m					11	150
2m						
1.25						
Other						
Satellite					1	150
GOTA					110	150
Total	165		0		288	

GOTA Bonus: No GOTA Coach

Name/Call	QSOs	Bonus Points
Frank Fullum, VE2KOI	45	40
Ron Smith, VE3LBU	3	0
Tim Bailey, VE3TXB	33	20
Ken Lehman, VE3IKL	11	0
Tom Mercer, VA3LJS	7	0
Richard Aronoff, VA3RLA	11	0

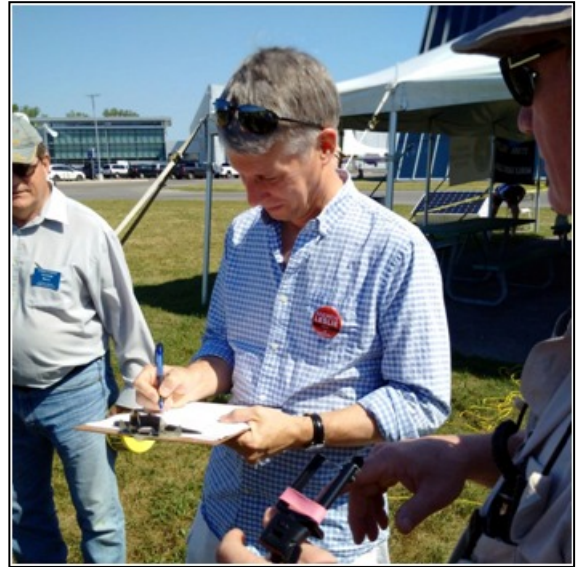
Thanks also to:

- Peter, VE3XEM for bringing out his travel trailer and power generator and operating the phone station.
- Barry, VE3NJK for preparing and storing the Club trailer and operating the phone station.
- To Sandy, VE3HAZ for hauling the Club Trailer with his truck.
- Tom, VA3LJS for feeding the crew.
- Frank VE2KOI for setting up the GOTA station.
- Ken VE3EKN and VE3GIQ for making the 6 m contacts.

Field Day Photos



Bryan VE3QN engages youngsters with CW



Honourable Andrew Leslie signs FD register



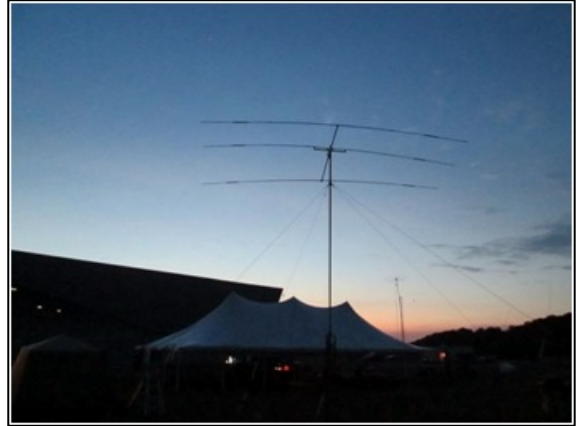
Group effort erecting tower



40 M Vertical erected and ready to radiate



*Maurice-André VE3VIG makes
Satellite Contact*



*Sunday morning sunrise looking over
FD site*



Tom VA3LJS feeding the crew



*Frank VE2KOI & Tim VE3TXB
making GOTA contacts*

The OVMRC Budget for the 2016/2017 season

The Club membership will be asked to vote on a motion to accept this Budget for 2016/17 Club operations at the General meeting Wednesday September 21st.

	Budget Amount	Budget by Category	Comments
Income		\$10,320.00	
Bank Interest		\$0.00	
Donations		\$175.00	
50 / 50 Draw	\$175.00		
Donations by Individuals	\$0.00		
Membership		\$2,085.00	
Associate	\$0.00		
Full Life	\$125.00		5 life members x \$25
Full without RAC	\$35.00		
Full with RAC	\$900.00		
Students	\$1,000.00		Based upon 40 students @ \$125.00
Pre-paid	\$25.00		
Sales		\$3,060.00	
Club Project	\$1,500.00		More elaborate project this year.
Club Crests	\$200.00		We will promote
Other Club Merchandise	\$0.00		
Name Tags	360.00		30 @ \$12.00 new hams
Sale of surplus Club assets	\$1000		
Training		\$5,000.00	
Course Fees	\$5,000.00		Based upon 40 students @ \$125.00
Other Course Fees	\$0.00		
Course Fee Refunds	\$0.00		

Expenses		\$7,816.00.00	
Administration		\$290.00	
Accounting Correction	\$0.00		
Bank Charges	\$15.00		
Office Supplies	\$25.00		Postage, toner, paper, etc.
P.O Box Annual Rental	\$225.00		
Other Administration	\$25.00		
Fees		\$581.00	
Museum Facilities Rental	\$150.00		
Other Museum Fees	\$0.00		
RAC Club Affiliation	\$41.00		
RAC Liability Insurance	\$300.00		
Domain Name Registration	\$90.00		
Publicity and Donations		\$2,105.00	
Donations from the Club	\$1,250.00		Propose \$600 DARF, \$400 RAC, \$250
Full Life members	\$125.00		Accounting neutral - see Income for
Door Prizes and Gift Certificates	\$150.00		
Jerry Wells Award	\$150.00		Not always awarded
Name Tag Expenses	\$330.00		Estimate 30 @ \$11.00
Other Publicity and Promotions	\$100.00		Contingency
Special Events		\$1940.00	
All Day Planning Meeting	\$100.00		
Club Project materials	\$1,200.00		TBD
ARRL-RAC Field Day	\$300.00		Gas, food, safety supplies
Bunny / Fox Hunt & Club Picnic	\$100.00		Refreshments
Christmas Party	\$100.00		Special Prizes
Larry Wilcox Memorial 2M Contest	\$40.00		Cost of certificate or award
Other Special Events	\$100.00		Lighthouse weekend or equivalent?
Training Course		\$1,200.00	
Graduation Ceremony	\$100.00		Possible certificates
Printing & Misc Supplies	\$100.00		Printing exams
Membership in OVMRC	\$1,000.00		Based on 40 students @ \$25.00
Maintenance &		\$1,700.00	
VE3JW Exhibit Station	\$0.00		Deferred until re-established
Event Operations Trailer	\$200.00		
VE3TWO	\$1,000.00		Controller interface hardware
Wireless Headset	\$500.00		For loud speaking at meetings

THE OTTAWA AMATEUR RADIO CLUB PRESENTS THE 2016 OTTAWA (CARP) HAMFEST



SATURDAY, SEPTEMBER 10, 2016

(The week after the Labour Day Weekend)

**Commercial Vendor setup: 7:30 am; Private Vendors: 8 am
Fleamarket Open: 9 am until 12 noon**

CARP AGRICULTURAL FAIRGROUNDS
W Erskine Johnston Arena
3882 Carp Road, Ottawa (Carp), Ontario

- Next door to the renowned Carp Farmers' Market
- Just Minutes from the Diefenbunker
- Enjoy Scenic Ottawa – Canada's Capital City

From Ottawa take Highway 417 West to Carp Road exit #144,
10 kilometres North to the fairgrounds.
We are in the W. Erskine Johnson Arena – follow the signs.

\$6 general admission
\$14/table (plus admission)

Ham licence exams on site – get yours or upgrade!

**THE REGION'S LARGEST FLEAMARKET AND
HAMFEST. MAJOR HAM RADIO RETAILERS!
LOTS OF DOORPRIZE DRAWS!**

**ICOM Canada, Radioworld, Durham Radio,
HC MacFarlane Electronics,
Maple Leaf Communications and more...**

For further information or reservations contact:

Ed, VE3WGO

Email: fleamarket@oarc.net



<http://www.facebook.com/oarc.hamfest>

Website: <http://www.oarc.net/fleamarket>

Talk-in on VE2CRA, 146.94–, 100 Hz



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

QRP Demonstration - Bring and Setup your HF Portable Radio Gear

Sponsored by the Ottawa Amateur Radio Club (all are welcome)

When: Saturday, September 17th

Time: Setup at 9 am

Place: The Gazebo area of Andrew Haydon Park

What's Happening Elsewhere!

Check it out; let us know what's
going on in your club.

**Ottawa Amateur Radio Club
(OARC)**

www.oarc.net/blog/

Ottawa Valley QRP Society:

www.qsl.net/va3ovq/VA3OVQ/Welc_ome.html

The Ottawa Valley QRP Society is a
group of Amateur (Ham) Radio
operators in the Canadian National
Capitol Region with an interest in
QRP (low-power) operating,

equipment homebrewing and antenna
experimentation. The group holds the
Amateur Radio call sign VA3OVQ.
Membership is free and open to
anyone in the National Capitol region
with an interest in low power
Amateur Radio.

Our monthly dinner meetings are :

At 5:00 P.M. on the second
Wednesday of each month at
Donna's Express Restaurant at the
corner of Churchill and Scott Streets
in Ottawa.

We have an online discussion group
on Yahoo Groups called ov-qrp.

See:

groups.yahoo.com/group/ov-qrp/ for
details or email va3ovq at qsl.net.

**Rideau Lakes Amateur Radio Club
(RLARC)**

ve3rlr.dyndns.org/:

**West Carleton Amateur Radio
Club**

www.wearc.on.ca

VE3ORF/3730 Group

www.ve3orf.com/

**CRAO Club Radio Amateur
Outaouais (CRAO)**

Canadian Amateur Radio Operators seeking temporary Operating Privileges in European Countries.

It has come to our attention that Industry Canada (now called Innovation, Science and Economic Development Canada or "ISED") has finally re-negotiated Canadian inclusion in the CEPT T/R 61-01 agreement that specifies equivalency of qualifications for temporary amateur radio operating privileges in European countries that are signatories to the agreement. This has been an outstanding situation since 2003 when the agreement rules changed deleting the Morse code qualification. Since then and until now, the status of Canadian amateurs seeking a CEPT permit has been in limbo although Radio Amateurs of Canada had continued to issue CEPT permits under previous authority from IC based on the old rules. RAC had been pushing the Department for some time to fix the problem and it is now officially remedied.

The entire new CEPT T/R 61-01 agreement can be found at:

www.erodocdb.dk/docs/doc98/official/pdf/TR6101.pdf

The new TR 61-01 agreement requires that Canadian amateurs seeking a "CEPT" permit for operating privileges in most European countries must have an "Advanced" qualification. The CEPT permit (or licence) is currently issued by contacting Radio Amateurs of Canada at racgm@rac.ca

de Norm VE3LC

VE3TWO Repeater

The VE3TWO repeater is now operational at a new site. It shares the same 150 foot tower and antenna system as VE3MPC on the west side of Orleans; the two repeaters have comparable range. The new VE3TWO makes use of one of the two new Yaesu DR1-X "System Fusion" repeaters bought by the Club last year. For the time being, the second Yaesu repeater will be kept as a spare. We are abandoning the 580 Booth Street St. due to the relatively difficult access restrictions and poor performance due to high radio site noise. We plan to remove the old equipment with a work party sometime in the near future.

The new installation uses a Comprod 874F-70, 8.5 dBd gain VHF commercial antenna fed with 7/8 inch Heliac cable and is installed to professional standards. The site has backup diesel generator power.

The Yaesu DR1-X repeater is configured for "Automatic Mode Select" that will automatically provide repeating of both analogue FM or Yaesu digital voice protocol transmissions using C4FM modulation. Of course only FM or Digital can be used through the repeater by a group of users at any one time. In the analogue FM mode, 100 Hz CTCSS tone encoding must be used to access VE3TWO. It is also a good idea to have RX tone squelch (100 Hz) set on the user receiver while monitoring VE3TWO using

FM so as not to hear the buzz of digital traffic through the repeater. Folks having Yaesu "System Fusion" radios should monitor VE3TWO with their radio set to "Automatic Mode Select" (AMS) to receive both digital and FM transmissions from the repeater. FM only users of the repeater should use the monitor button on their radio before initiating an FM transmission to ensure they are not causing interference to active digital users of VE3TWO that they otherwise would not hear with CTCSS tone squelch engaged.

VE3TWO Repeater

Input 147.900 MHz

Output 147.300 MHz

CTCSS encode/decode for FM: 100 Hz

Location: 45-27-05 N / 75-33-47 W

Approximate Power Radiated from Antenna: 100 watts ERP

Coverage:

Approximately 80 km radius of site. Good reports on Hwy 417 from Casselman, south on Hwy 31 to Winchester and west to Carleton Place. Good portable coverage throughout Orleans, Blackburn Hamlet and Cumberland. Portable access in most of east and

central Ottawa. There may be a slight shadow of coverage towards the North-West of the site towards Aylmer, Qc.

OVMRC Weekly Net:

The weekly OVMRC net will be conducted on the new VE3TWO using FM on Thursday evenings at 8 pm. Ken, VE3EKN in Carleton Place will be Net Control Station.

OVMRC 2016/2017 NET SEASON

Trusting that everyone is well and enjoying their summer, this is a reminder that the club season is quickly approaching. In the days following the Labour Day weekend, and only a couple of weeks before the club's first meeting of the year, we will be starting our 2016/2017 Net Season.

The club's long standing Pot Hole Net will recommence on Sunday the 11th of September at its regular time of 10am local on 3760kHz LSB. Last year the net had enjoyed a regular and perhaps slowly growing number of participants. It is important to note that this is really the OVMRC's flagship net, given the classic 80m SSB mode of operation and its uninterrupted existence since the late 1950's. While the challenges are antenna size, the average ham's available space and varying qualities of local propagation, I encourage any local ham to check in.

Since last net season, our repeater VE3TWO has undergone some exciting changes. These dramatic improvements should give the OVMRC 2 METER NET broader coverage and much improved reliability. Last year, the reinstatement of a club sponsored 2 meter

net proved to be a success. With its mix of seasoned amateurs, newbies and everyone in between partaking in an open, conversational style net, we enjoyed a growing number of participants which led to runtimes often in excess of an hour.

The OVMRC 2 METER NET will resume Thursday September 8th at 8pm on repeater VE3TWO. With the repeater now being analog FM as well as digital C4FM capable, it should be noted that this net will always be conducted in the analog mode to welcome all amateurs wishing to participate. VE3TWO operates on 147.300MHz positive offset with a 100Hz CTCSS tone.

Any ideas, comments or concerns regarding our nets can be sent to ve3ekn@gmail.com.

After what always seems like a short summer, it will be fun to get back to radio on a more regular basis and catch up with some of you I haven't heard from in a while.

73, Please enjoy the OVMRC's nets.

Ken Evans VE3EKN

MEMBERSHIP FORM

Ottawa Valley Mobile Radio Club, Incorporated
 PO Box 41145
 Ottawa, ON K1G 5K9

- ✓ *The membership year starts 1 September, and runs until 31 August of the following year.*
- ✓ *Regular membership is open to licensed amateurs.*
- ✓ *Associate membership is open to all unlicensed radio enthusiasts.*
- ✓ *Membership includes a digital subscription to the club newsletter, the OVMRC Rambler.*

NEW RENEWAL UPDATE/CHANGE

Please print legibly

Call Sign	Surname	Perferred first name
Street		Apartment
City	Province	Postal Code
Home/primary phone	Work/other phone	E-mail address
Are you a member of Radio Amateurs of Canada (RAC)? Yes / No		
RAC ID: _____ Expiry (YYYY-MM-DD): _____		

Do you wish to order an OVMRC name tag? (+\$12.00) Yes <input type="checkbox"/> No <input type="checkbox"/>		
Callsign for name tag	Name for name tag	

Full Membership (Not a Member of RAC)	\$35.00/yr <input type="checkbox"/>	Amount Enclosed \$ _____ Cheque / Cash
Full Membership (RAC Member)	\$25.00/yr <input type="checkbox"/>	
Associate Membership (Unlicensed)	\$25.00/yr <input type="checkbox"/>	

Circle your interests			
Bands Microwave UHF VHF HF LF and below	Modes CW Digital Phone EME Satellite Experimental	Building RX TX Antennas Test equipment Other	Other Teaching Speaking/Presenting DF/Fox hunting Contesting DXing Computers/IT Other

Signature	Date	Initials	<i>By initialing this box, I confirm that I consent to receiving e-mail messages from the Club.</i>
_____	_____		