

Rambler

Newsletter of the
Ottawa Valley Mobile
Radio Club
Incorporated



Jun 2015

Edition 59

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President's Rambling



The June 6th planning session was very interactive. All participants presented strong opinions and workable solutions

that supported the OVMRC's mission statement and the basic tenants of 'Amateur Radio'. We do hope that the planning summary article will give you a feel for the belief and direction of the OVMRC.

Thanks to Beth, VA3CEW, and Darin, VE3OIJ, for sharing their home for this important meeting and also to the supporting planners, thank you.

May meeting presentation summary:

Many thanks to our technical chairperson, Paul Labbé, VE3NJS, for his detailed technical information presentation on solar panels. It outlined the related criteria required to procure the solar power equipment for our communications trailer, VE3RAM. The presentation was marred by the failure of the audio visual system in the class room. This problem was reported to CASM staff. As of this date no follow up has been received. Coincidentally on the following day I visited the museum and noticed a software distribution company had a similar audio/visual equipment failure for their

presentations to invited guests. So sometimes, stuff happens. J

Field Day Participation: Norm Rashleigh, VE3LC, will outline our participation requirements for the upcoming ARRL June 27-28th field day at our June 18th meeting. The field day activities will take place at the Canadian Aviation and Space Museum. Participation in events like this is a learning and fun experience so please sign up and come out to enjoy the experience. You can even visit the aviation museum or go for a bi-plane ride. Let Norm know that you are interested, email him at VE3LC@rac.ca

This June 18th meeting is important to you as OVMRC members so please consider submitting your name for the executive positions. Feel free to inquire about the responsibilities from any member or executive person.

A special heartfelt thanks and deep gratitude to you, the OVMRC Executive and membership for your support over the past two years. The planning session summary will show the positive attitude to ensure the club will have a very interesting, productive, and learning year. I am looking forward to it and I hope you do too.

73 Sandy VE3HAZ

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Meeting Date

Club Meeting:

June 18th
Thursday

Elections

&

Field Day Presentation

OVMRC Executive**2013-2014****President:**

Sandy Haggart, VE3HAZ

ve3haz@rac.ca**Vice-President:**

Michel Barbeau, VE3EMB

michel.barbeau@sympatico.ca**Treasurer:**

Beth Webster, VA3CEW

ovmrc.treasurer@gmail.com**Secretary:**

OPEN

**Standing Committee
Chairpersons****Amateur Radio Exhibit:**

Darin Cowan, VE3OIJ

ve3oij@amsat.org**Amateur Radio Training &
Accredited Examiner:**

Norm Rashleigh, VE3LC

ve3lc@rac.ca**Membership:**

Joe Lemieux, VE3EUS

ve3eus@rac.ca**Technical:**

Paul Labbé, VA3NJS

paul.labbe@usa.net**Radio Operations:**

VACANT

Newsletter Editor:

Robert Cherry, VA3AOD

cw527@ncf.ca**Webmaster:**

Chris Wiesner, VA3SM

va3sm@yahoo.ca

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

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

• **TRAVEL-MOR TRAILER SALES,**
Ottawa, ON

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

The club's web site is hosted by:

**PRIMUS TELECOMMUNICATIONS
CANADA INC..**

www.ovmrc.on.ca

**Visit the OVMRC Store
at**

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

OVMRC Life Members

Ernie Jury, VE3EJJ

Maurice-André Vigneault, VE3VIG

Ralph Cameron, VE3BBM

Doug Carswell, VE3ATY

Doreen Morgan, VE3CGO

OVMRC Repeaters

VE3TWO

147.300 MHz(+)/100

444.200 MHz(+)

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*

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@ncf.ca)
cw527@ncf.ca*

Ottawa Valley Mobile Radio Club, Incorporated

PO Box 41145

Ottawa, ON K1G 5K9

www.ovmrc.on.ca

2015 Planning Session

Date: June 6, 2015

Place: (Darin & Beth's hacienda)

Attendees:

Maurice-André, VE3VIG
Sandy Haggart, VE3HAZ
Beth Webster, VA3CEW
Darin Cowan, VE3OIJ
Norm Rashleigh, VE3LC
Joe Lemieux, VE3EUS
Paul Labbé, VE3NJS
Ernie, Jury, VE3EJJ
Robert Cherry, VA3AOD

Summary of topics taken from OVMRC WEB site Forum's General topics for members, June 6 Planning:

OVMRC Reason d'être:

Verify the mission of the club;
*Letters patent *By laws

- Club objectives on OVMRC web site home page support above, no issues of great concern;
1. What are the activities that can we do to accomplish that mission;
 - Focus on radio course in addition requires follow-up to bring new operators on line faster,
 - supporting the Elmer concept in several areas: operations, antennas, technology, power, and
 - social activities like field days, bunny hunts, 2M contest, etc
 2. Understanding OVMRC's operating within CASM's environment:

- OVMRC developing partnership with CASM, Communication and Space fit museum's mandate
 - Establish an amateur radio capability for radio course and can serve as a demo for an exhibit;
 - OVMRC proposed satellite communication exhibit along with Maurice-André's Control Tower Project and its associated phases;
 - Establish a satellite and ARISS communication capability/exhibit;
 - Long term efforts possible, depends on acceptance of projects and OVMRC's capability to support/commitment;
 - Develop special education/projects/activity relationship with CASM, i.e. for special days/weeks, "Talk to Santa" at Christmas and activities during March break, summer camps, etc
3. What is the future objective(s)
 - Re-establishing JW station at CSTM (future), unknown at this time; follow-up required;
 - Establishing minimum complement of equipment required for radio exhibits in either museum;
 5. Membership incentives proposals: Dropping door prizes, have an attendance ticket that each *MEMBER* gets each meeting they attend. At the AGM, the attendance ticket is drawn for a big prize, like a HF radio;
 6. Actively keeping in touch with CSTM for 2017 opening and re-establishing VE3JW exhibit;

OVMRC current year focus:

underlining the following items requires membership capability and commitment:

1. Utilize and leverage the OVMRC membership's wealth of technical and operational knowledge;
2. Additional activities supporting more "Mobile" activity in the summer/fall than in the winter;
3. Look for new Amateur Radio participation with others like: Carleton/University of Ottawa, Algonquin College, Cité collégiale, or local high schools;
4. Build strong interactive supportive relationship with the CASM;
 - Not just a meeting area;
7. Keeping JW pioneers informed of OVMRC activities with respect to OVMRC/CSTM 'progress'; Letter to be sent soon.
8. Continue effort to present and have:
 - Special seminars, supporting equipment configuration, repairs, soldering, cabling, and virtual station tours.
 - Support for radio course, distribute work load and minimizing dependency on single person;
9. Radio Nets review:
 - Which ones are still active?

- Continuing sponsorship of an existing net? Net Controllers required
- Do we want to resurrect an historic net?
 - The wise owl net on Friday evenings on the VE3TWO Repeater and
 - The Pot Hole Net on 3.760 on Sunday Mornings at 10am.
 - The "Welcome Mat Net" and the "Military Net" were private nets run on the club repeater
 - The 80m Pot Hole Net is on life support. (Not gone yet but...)
 - The Phoenix net is active on VE3MPC, (147.150 MHz, Tuesdays @ 20:00 hrs)
 - Other local nets on other repeaters and bands.

OVMRC Meeting

General Meeting Thursday, June 18th at 19:30hrs.

Location: Canada Aviation and Space Museum: [MAP](#)

11 Aviation Parkway

Ottawa, ON K1K 2X5

General meeting: Start time 19:30 hrs.
Access: via the front entrance. See map.

Meeting Room: Classroom A or B

Looking forward to seeing you there.

Field Day 2015

Technical information:

What have you found or read lately that might be interesting to others. Write it up and send the information to the Rambler Editor, Robert Cherry (cw527@ncf.ca) even if it is an URL

OVMRC Repeaters

If you are interested in learning about or helping with the OVMRC repeaters contact our technical chair-person, Paul Labbé, VE3NJS, (paul.e.labbe@gmail.com). Extra pairs of hands are always welcome.



Proposed site of OVMRC Field Day Event, weekend of June 27, 28 on the Canadian Aviation and Space Museum grounds.

BROADBAND COMMUNICATIONS - HIGH SPEED PACKET

By Maurice-André Vigneault, VE3VIG

The days of Packet radio are behind us, as in the late 80's early 90's. What contributed to the demise of packet radio was its slow speed and the advent of other faster means on the scene. I'm trying to revive packet radio in the region as a workable network for emergency communications. I use the BBS's and WL2K links open to us almost everyday.

There is now a new concept for Amateur Radio, which provides us with a faster way to communicate and pass traffic, files, graphics etc.. It is called the Broadband Hamnet(BBHN) Mesh and it utilizes older routers at 2.4 GHz. I have a LinkSys WRT54GS unit in operation and I am able to link into the existing other nodes in the area. These other nodes are all interconnected through a main hub at the Ottawa YMCA building.

The idea is to create a "Mesh" of nodes using RF energy in order to be autonomous, independent of other wired systems, to be available for everyday communications or to be used for special or urgent situations. But, it can, if you wish, be connected to the Internet in order to reach other Meshes in another city, another province, another country. We call it "tunneling".

I have had the local BBHN group testing my site for possible node link from the YMCA to other nodes to the East, Orleans or Cumberland. We used a Ubiquiti Nanobeam at 5.8GHz and we got an immediate

link. 5.8GHz is available to our Service and we use it as well as 2.4GHz which is the main link frequency at the moment. Now, we are hoping to find an elevated site in Orleans, as in a hundred plus feet tower, in order to tie their nodes into the Mesh.

A recent OVMRC monthly meeting featured a presentation on the BBHN and there followed, a couple of weeks later, a seminar on the Raspberry Pi computer possibilities that included links with BBHN. Michel, VE3EMB, attended the seminar as he already had a Raspberry Pi computer set up for BBHN. We teamed up, a few days later, to conduct tests at 2.4GHz. I purchased an MFJ-1800, 16 element Yagi antenna from Durham Radio and Michel also had a 16 element Yagi from China.

We had a first try-out to debug our units and insure the proper addresses were entered into the software. We had a good connection at 150 feet down the hall of my building, exchanging chat lines while using minimal power, 10mw in my case with the original router antenna.

The next step was to try for distance. On Sunday evening, June 7th, we set up at the lighthouse in the CSTM park. At a distance of about 1000 feet, with our Yagis, we kept an excellent link. Interesting to note how the link quality increased as we lined up precisely, beam to beam.

We are now waiting for the weather to clear up, forecast of rain for the next few days, and we will conduct a test from my balcony at a height of 155 feet above ground to the top of a Carleton U building, a distance

of 7.3 kilometres. I have more gain in my Yagi and I will crank up the power output to 80mw, but Michel has a 5watt linear amplifier which he will be using.

These units are very portable and can be set up in a minute. This venture constitutes a very interesting new experiment into the 2.4GHz and 5.8GHz segment of our Amateur Radio bands. In the attached pictures you will see or individual set-ups and how versatile they can be. Also, don't get offended by the kid's smile on our faces as if we were toying with a new balloon. Michel is documenting our experiments and hopefully he will produce a write-up on the results.



OVMRC ELECTION SLATE, 2015-16

Updated June 6, 2015

The members listed below have volunteered to act as directors or chairs for the Club fiscal year that begins on September 1, 2015 and ends on August 31, 2016.

Additional volunteers are required, notably for the position of President, Vice President, Secretary and Chair of Radio Operations.

Elections will take place at the Annual General Meeting that will be held on June 18th.

DIRECTORS

President: **OPEN**

Vice-President: **OPEN**

Secretary: **OPEN**

Treasurer: Beth VA3CEW

CHAIRS

Amateur Radio Exhibit: Darin, VE3OIJ

Amateur Radio Training: Norm, VE3LC

Membership: Joe, VE3EUS

Newsletter Editor: Robert, VA3AOD

Newsletter Publisher: Bill, VA3WMH

Radio Operations: **OPEN**

Technical: Paul, VE3NJS

Webmaster: Darin, VE3OIJ

Past President: Sandy VE3HAZ

Signed:

"JoeVE3EUS, Membership Chairman"

OVMRC needs YOU

The OVMRC needs a Club Secretary to record details of club events. If you would like to help out, please let Beth know.

73

Beth Webster, VA3CEW
ovmrc.treasurer@gmail.com



YOUR CLUB ELECTIONS ARE COMING!



Step right up and nominate someone for the OVMRC Executive. We are looking for Amateur Radio Enthusiasts who want to grow the hobby and the club. If you or someone you know would like to be nominated,

please let Joe, VE3EUS, our Membership man-of-action, know. ve3eus@rac.ca

2015 Meeting Date

June 18

Annual General Meeting, Elections, followed by ARRL Field Day preparation and information session by Norm Rashleigh, VE3LC.

We need your participation.

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:

<http://www.qsl.net/va3ovq/VA3OVQ/Welcome.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](mailto:va3ovq@qsl.net).

Rideau Lakes Amateur Radio Club (RLARC)
ve3rlr.dyndns.org/:

West Carleton Amateur Radio Club

www.wcarc.on.ca

VE3ORF/3730 Group

www.ve3orf.com/

THE OTTAWA AMATEUR RADIO CLUB PRESENTS THE 20 15 OTTAWA (CARP) HAM FEST



SATURDAY, SEPTEMBER 12, 20 15

(The week after the Labour Day Weekend)

Commercial Vendor setup: 7:30 am; Private Vendors: 8 am

CARP AGRICULTURAL FAIRGROUNDS

W Erskine Johnston Arena

- *Next door to the renowned Carp Farmers' Market*
- *Just Minutes from the Diefenbunker*

*From Ottawa take Highway 417 West to Carp Road exit #144,
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\$6 general admission

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**Radioworld, Durham Radio, 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>



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



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.

PLEASE PRINT

RENEWAL NEW CHANGE OVMRC NAME TAG (COST \$12.00) 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:

<input type="checkbox"/> Satellite	<input type="checkbox"/> VHF/UHF Phone	<input type="checkbox"/> VHF/UHF Digital	<input type="checkbox"/> VHF/UHF CW
	<input type="checkbox"/> HF Phone	<input type="checkbox"/> HF Digital	<input type="checkbox"/> HF CW

Current Occupation or Former Occupation:
Skills: *(Please list them all)*

COMMENTS:

 Signature Date Initials

By initialing this box, I confirm that I consent to receiving e-mail messages from the Club

OVMRC NAME TAG – ORDER DETAILS

First Name:

Call Sign: