

# Rambler

Newsletter of the  
Ottawa Valley Mobile  
Radio Club  
Incorporated



Apr 2015

Edition 59

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## President's Rambling

I am sure there are books written on the effect of change. The OVMRC has been in this mode since September 2014 and I feel that we are rising to the challenge. We're starting to feel at home at the CASM and are working towards establishing amateur radio communication demos at the upcoming field days and an anticipated ARISS contact. I hope you all feel the same.

### OVMRC asset retrieval status:

This retrieval process is not quite like cleaning your own house in preparation for the moving van. We had to rely on others to dismantle the JW station for delivery to us. There are items which are missing, not the big ones like transceivers, power supplies, etc., but the smaller items that are not noticed until much later. More like specific cables, microphones. We're now asking for the radio supply course cabinet which seemingly hasn't gotten attention to see if it still exists. However they are 'looking' into it for us, again. This might seem a minor point to push when the CSTM staff is hard pressed to retrieve other higher priority museum items however there is an April 15<sup>th</sup> deadline for the CSTM to vacate the building and hand it over to the

retrofitting contractors. It is project time crunch for what's inside and outside.

**Antenna retrieval status:** This is interesting because most of us don't know about these roof top antennas. In fact, my guess is that only Maurice-André, VE3VIG, Ernie, VE3EJJ, and Darin, VE3OIJ know the antennas by their commercial name. On March 28<sup>th</sup> we found out that we could arrange to go on the roof to retrieve the antennas. So, by Monday March 30<sup>th</sup> Norm, VE3LC, Paul, VE3NJS, Joe, VE3EUS and moi, VE3HAZ were able to do a survey, took pictures and were told that we were not allowed within 2 feet of the roof's edge without a safety harness. Of course the 'safety' notice 'dialogue' came after we were seen hanging over the roof's edge examining our tower. The result is we will certainly comply with all the safety regulations / practices. On Wednesday April 1<sup>st</sup> the extraction team went in and did a rip torn job. (my humour). Maurice-André supplied an accurate list of OVMRC antennas and left others alone. The tower and the TH7DX Hygain antenna will have to have professionals to remove it due to the museum's safety requirements and the need for a crane. A letter was sent to the CSTM facilities manager asking for the museum to absorb the cost,

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### Meeting Date

#### Club Meeting:

**Apr 16<sup>th</sup>**  
**Thursday**

**"Bertrand Zauhar/VE2ZAZ on  
Broadband Ham Net mesh  
Network"**

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

Sandy Haggart, VE3HAZ

[ve3haz@rac.ca](mailto:ve3haz@rac.ca)**Vice-President:**

Michel Barbeau, VE3EMB

[michel.barbeau@sympatico.ca](mailto:michel.barbeau@sympatico.ca)**Treasurer:**

Beth Webster, VA3CEW

[ovmrc.treasurer@gmail.com](mailto:ovmrc.treasurer@gmail.com)**Secretary:**

OPEN

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

Darin Cowan, VE3OIJ

[ve3oij@amsat.org](mailto:ve3oij@amsat.org)**Amateur Radio Training &  
Accredited Examiner:**

Norm Rashleigh, VE3LC

[ve3lc@rac.ca](mailto:ve3lc@rac.ca)**Membership:**

Joe Lemieux, VE3EUS

[ve3eus@rac.ca](mailto:ve3eus@rac.ca)**Technical:**

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VACANT

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Chris Wiesner, VA3SM

[va3sm@yahoo.ca](mailto: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](mailto:peppersradio@videotron.ca)  
WEB site: [www.peppersradio.net](http://www.peppersradio.net)

The club's web site is hosted by:

**PRIMUS TELECOMMUNICATIONS  
CANADA INC..**

[www.ovmrc.on.ca](http://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](http://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](mailto:cw527@ncf.ca)*

***Ottawa Valley Mobile Radio Club, Incorporated***

***PO Box 41145***

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***[www.ovmrc.on.ca](http://www.ovmrc.on.ca)***

we are awaiting their reply which should be soon as they have this April 15<sup>th</sup> deadline.

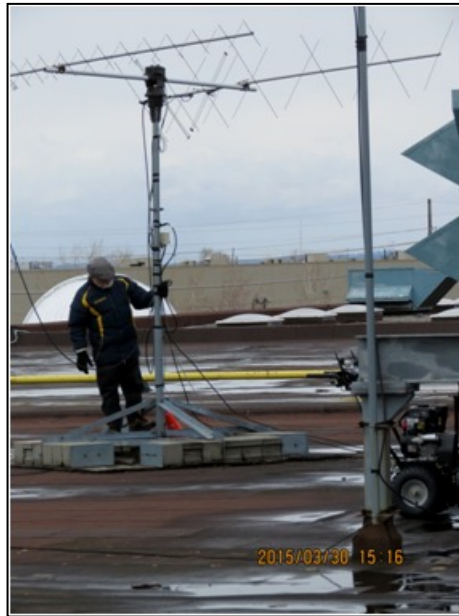
Here's a list of our antennas:

- TH7DX HyGain antenna and T2X rotor;
- AlphaDelta 40&80m dipole;
- Anli Dual band vertical on refrigeration unit;
- Magmount 5/8 wave on refrigeration unit (That's mine, I want it back);
- Cushcraft X500 Dual band on a pole at one edge of the roof;
- Msquare 2m and Msquare 70cm (satellite antennas);
- Cross boom and mast;
- preamp on mast;
- Quadpod;

And some pictures from the survey:



*1: 43 ft. Tower, with TH&DX Hygain antenna*



*2: Msquare 2M & Msquare 70cm antennas for satellite*



*3: Cold & Windy, VE3NJS, VE3LC & VE3EUS*

**Field Day Participation:** Norm Rashleigh, VE3LC will be our coordinator for the ARRL June 26 – 27<sup>th</sup> field day. We will be working with the Canadian Aviation and Space Museum in preparation for this major amateur radio event. We anticipate that will establish the basis for the International Lighthouse Lightboat Weekend

(ILLW) in August. It goes without saying that your participation is requested for these events so please sign up and come to enjoy and experience these special amateur radio events. Let Norm know that you are interested, Email him at [VE3LC@rac.ca](mailto:VE3LC@rac.ca)

73 Sandy VE3HAZ

## **Meeting Minutes for March 19, 2015**

**Location:** CASM classroom A

Call to order by President: Sandy Haggart/VE3HAZ.

Welcome to visitors/new amateur radio operators, Kim Campbell / VA3KMY, Kim is a graduate of our 2014 OVMRC course and Matt Crites / VA2XMC just passed his amateur radio exam given by Ernie Jury, VE3EJJ.

**Introduction of the evening's presenter:** Darin Cowan/VE3OIJ our club station manager. Darin outlined the various attributes of the more commonly used digital modes used within the amateur radio bands. The use of the visual spectrum images of these modes along with their audio characteristics proved effective in understanding the subject matter. Thanks Darin for your exchange of knowledge and experience.

### **Business portion:**

1. **Budget motion** as published in the February and March Rambler for the expenditure of \$700 for storage locker for OVMRC assets from the closure of the CSTM and a \$100 for supplies for the June 6th OVMRC focus session to plan the 'new' OVMRC direction due to

being relocated from our 40 years residency at the CSTM.

- The motion was moved by our treasurer, Beth/VA3CEW;
- 2nd by Paul/VE3NJS;
- Passed unanimously.

2. **Membership report** by Joe / VE3EUS indicated membership is unchanged at 45.

3. **Technical:** Paul/VE3NJS and Norm, VE3LC reported on the pending-delivery of 2 Yaesu System Fusion repeaters purchased courtesy of Norm / VE3LC's while on vacation in Florida and his visit to the HamCation exposition. One repeater will replace the two metre equipment and the other will replace the 70 cm equipment. The System Fusion design/function will be able to handle both C4FM digital and conventional analogue FM signals; it will not be compatible with D-Star or DMR. This will provide the OVMRC a way to revive the VE3TWO repeater system with new and progressive equipment that should be of great interest to the Ottawa amateur community. A significant amount of testing will be required to bring this Yaesu System Fusion functionality into full use. Norm will be reimbursed the \$1,000.00 US by the OVMRC when the equipment is delivered hopefully by the next meeting. Paul reported the VE3TWO repeater antenna has been repaired and - the repeater is back in operation.

4. **Radio Course:** Norm / VE3LC announced that the 2014 radio course graduates will have a graduation ceremony at the next meeting April 16<sup>th</sup>.

5. **Asset Retrieval:** Joe / VE3EUS updated the club on the status of the retrieval of most of the club / VE3JW assets from the Science and Technology museum.

- A 5 x 10 storage locker has been rented to allow sorting and storage of these assets (old records, mementos, operational and surplus equipment, along with the 'might be of use stuff that we all keep');
- The sorting and resorting has 3 end goals: keep, resell, recycle;
- Over 10 trips were made retrieving the assets;
- The sorting and cataloguing still continues some resale items were presented at our flea market in February. Other resalable items when identified will be 1<sup>st</sup> offered to club members and then to the public via the OVMRC WEB site's Forum / Items for sale list;
- The OVMRC received some surplus amateur radio and other electronic items from Public Safety Canada. These items are being reviewed for functional use by OVMRC and the remaining items offered as is for a nominal cost. This donation was presented and graciously accepted as 'as is' government surplus;
- OVMRC is following up on missing items, like material in the radio course cabinet;
- The next retrieval items are the satellite tracking antenna from the museum's roof and the decision of how they will handle the tower which includes

our multi HF band beam antenna.

6. **ARRL Field Day:** Norm / VE3LC has agreed to coordinate the field day, June 27-28. We have a tentative agreement to set up on the Aviation and Space Museum grounds. Final decisions will be made when the snow clears. We will have proximity to the museum visitors for our communications trailer. Compliance with government bilingual requirement has been asked for and it is not seen as a problem for the participants,

7. **Offsite planning:** the executive has schedule June 6<sup>th</sup> as a daylong planning session to discuss ideas and plan a focused direction for the next 2 + years. Interested members who are willing to participate with ideas and to work on the solutions are most welcome.

8. **Club Elections:** Joe / VE3EUS is the election's coordinator. He can be reached via Email: [VE3EUS@RAC.CA](mailto:VE3EUS@RAC.CA) At this time all positions are open. One position which has remained open for the past 6 months has been the position of Secretary. This position offers a unique opportunity for new HAMs to learn how the club functions and being involved with technical discussions providing a technical learning experience. So please, consider standing for a position and share your skills and knowledge.

9. **ARISS opportunity:** Maurice-André Vigneault / VE3VIG outlined an opportunity to get involved with the Ottawa ARISS team by volunteering to support several ARISS contacts with the space station in several Nunavut communities. Air transportation is being offered

courtesy of First Air. See Maurice André for additional information via Email at [fs882@ncf.ca](mailto:fs882@ncf.ca).

**10. Next Meeting Presentation:** Bert Zauhar, VE2ZAZ will giving a presentation "Broad Band HAMNet". This self-discovery system uses conventional 2.4 GHz WIFI routers and RF transceivers using special amateur developed software flashed into the equipment.

**11. Door prize:** Dave VE3ZZU won the door prize; the 50/50 prize of \$25.50 was won by our guest this evening, Matt / VA2XMC who subsequently joined OVMRC with his win fall. Welcome Matt.

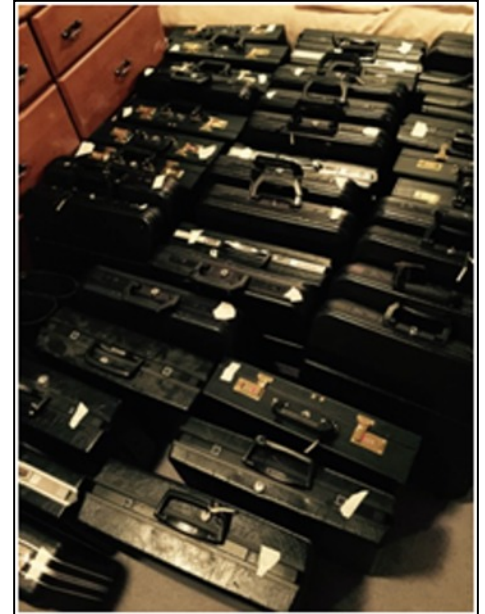
**12. Mini flea market:** following the adjournment of the meeting a mini flea market was held

- This was to 'off load' miscellaneous 'stuff' that was destined for the dumpster. Surprisingly several items were sold for the benefit of our bank account;
- Also on a consignment sale basis were hard and soft sided brief cases. The club received \$20 from the sales.

13. Meeting adjourned at 21:30 hrs.

## Left Over from March 19<sup>th</sup> Meeting

**Need a brief case:** Sturdy government "brief cases". Let Sandy, VE3HAZ, ([ve3haz@rac.ca](mailto:ve3haz@rac.ca)) know if you would like one or two, very reasonable priced, Hard shell cases have combination and security key locks, soft cases are new, unused good quality. I think they were vendor gifts to execs but never used.



## NOTICE OF CLUB ELECTIONS

### CALL FOR VOLUNTEERS TO FILL EXECUTIVE POSITIONS

#### FISCAL YEAR 2015-2016

Members in good standing are invited to consider running as Directors or Chairs of Standing Committees for the fiscal year that will begin on September 1, 2015.

Elections will take place at the Annual General Meeting that will be held in June 2015. All positions are open. Those interested in serving their fellow Club members should contact the undersigned to indicate their willingness to serve and which of the many positions available they might be prepared to fill.

Members who are interested in Club affairs but who are undecided about running for elections are encouraged to attend Executive meetings as observers in order to gain experience with which to make a decision.

Signed "Joe, VE3EUS,  
Membership Chairman"  
[VE3EUS@RAC.ca](mailto:VE3EUS@RAC.ca)

## **SURPLUS EQUIPMENT FOR SALE**

### Club Members Get Priority for Two Weeks

The Club is selling a variety of amateur radio and audio visual equipment surplus to its foreseeable needs.

For two weeks following the publication of the April 2015 Rambler, Club members in good standing will have a 20% advantage over non members of the Club in bidding for equipment. That is to say, for the initial two weeks of bidding, bids from Club members will be assessed at 120% of their value compared to bids received from individuals who are not members of the Club.

However, anyone joining the Club prior to bidding will also benefit from the 20% advantage.

After the initial two weeks of bidding, bids from members and non-members of the Club will be considered at face value.

Inquiries, appointments to examine the equipment and bids should be submitted to Sandy, [VE3HAZ@RAC.ca](mailto:VE3HAZ@RAC.ca)

<b>NO</b>	<b>DESCRIPTION</b>	<b>BRAND</b>	<b>MODEL</b>	<b>ASKING</b>	<b>COMMENTS</b>
1	AMPLIFIER AND POWER SUPPLY	AMERITRON	ALS 600	\$350	600W, 10M to 80M, PSU 50V @ 25A
2	AMPLIFIER, LINEAR	HEATHKIT	SB 200	\$275	COLLECTOR'S ITEM. SEE ALSO ITEMS 5 AND 10
3	AMPLIFIER, PAGING (COMMERCIAL)	BIAMP	PRECEDENCE CMA-60	\$300	MIC OR IN-LINE INPUT
4	DVD VIDEO PLAYER	TOSHIBA	SD 750	\$20	MP3, CD-R, CD-RW
5	OSCILLOSCOPE	HEATHKIT	SB 610	\$125	STATION MODULATION SCOPE, CRT. SEE ALSO ITEMS 2 AND 10.
6	PRESENTATION SYSTEM	SMART	SYMPODIUM TL 150	\$300	NEW, IN BOX
7	PRINTER, NETWORK CAPABLE	XEROX	PHASER 3600 N	\$100	2008 MODEL- USB, PARALLEL OR NETWORK-TWO TRAYS, BYPASS FEEDER
8	RECORDER, SOLID STATE (PROFESSIONAL)	MARANTZ	PMD 670 / UIB	\$150	NEW, IN BOX
9	SCANNER SYSTEM, MOBILE	WASP	850L, 1000II, 1000II-DC, WWS-800 CR	OFFERS	SOFTWARE, SCANNERS, CRADLES, CHARGERS
10	TRANSCEIVER	HEATHKIT	HW 101	\$125	EARLY 1970s VINTAGE, HF, SSB, COLLECTOR'S ITEM. SEE ALSO ITEMS 2 AND 5
11	TRANSCEIVER	ICOM	IC 725	\$300	HF, HM 12 MICROPHONE INCLUDED
12	TRANSCEIVER	KENWOOD	TS 850 S	\$400	EARLY 1990s VINTAGE, MANUAL INCLUDED
13	TRANSCEIVER	YAESU	FT 736 R	OFFERS	UHF VHF, CAT SYSTEM
14	TRANSCEIVER AND EXTERNAL SPEAKER	YEASU	FT 757 GX	\$300	HF, ALL MODE, CAT SYSTEM, EXTERNAL SPEAKER SP 767, MANUAL INCLUDED
15	VOLTMETER	HEWLETT PACKARD	400 D	\$65	1960s VINTAGE, VACUUM TUBE, COLLECTOR'S ITEM

## Soldering Course

Thanks to the organizational and presentation skills of Peter Carss, VE3XEM and Ernie Jury, VE3EJJ, the OVMRC conducted a special two evening Tutorial in Soldering techniques in March. Norm Rashleigh, VE3LC, also helped out. We had six new ham members attend the course; most had never soldered before. The course also

provided a refresher for three other long time OVMRC members. Each course attendee received a RG 58 coaxial jumper cable kit to assemble and solder using two PL 259 connectors. On the second session, the students worked on removing and re-soldering components from old surplus electronic circuit boards using solder suckers and solder wick.

Amazingly, nobody burnt their fingers, although the old 300 watt Weller soldering gun got a little too hot to handle after well exceeding its 1 minute on, and 4 minutes off duty cycle. Nevertheless, everybody had fun and the course was well received by all .

*Submitted by:*

*Norm Rashleigh, VE3LC*



## Utah Group Puts Broadband-Hamnet to Work for Food Project

04/01/2015

A small band of Amateur Radio volunteers in Utah's Salt Lake Valley successfully used a broadband WiFi network set up on the 2.4 GHz amateur band to help coordinate the Boy Scouts of America's "Scouting for Food" project on March 21. in which Scouts collect items donated to a food bank. Local radio amateurs

provide both voice and digital mode communication.

This year for the first time they used a [Broadband-Hamnet™](#) (BBHN) system that coupled modified wireless router gear on amateur frequencies to create a peer-to-peer WiFi network to share audio and video over a generous patch of real estate. BBHN is a descendent of the former ARRL High Speed Multimedia (HSMM) Working Group efforts, earlier known as the "Hinternet" and pioneered by John Champa,

K8OCL (SK), and others in the early 2000s.

"[W]e would call it WiFi on Steroids!" said David Baumann, KF7MCF. The Utah hams linked 13 nodes across the valley to form a network "that is like a mini private Internet," Bauman explained. "They then used this network to send live video and audio back to the BSA Headquarters, showing them what was happening at food drop off sites and at the [truck dispatch] headquarters. Bauman called it "a huge step forward in technology from the old days of



Morse Code.” Retired clergyman Robert Jelf, KG7OHV, of Magna, headed up the team.

Just outside BSA Headquarters near the University of Utah, Brandon Bauman, KG7RWO, was able to watch via his laptop as volunteers miles away dropped off canned food items and as YRC freight dispatched trucks to pick-up sites around the valley. Brandon was part of an Amateur Radio group

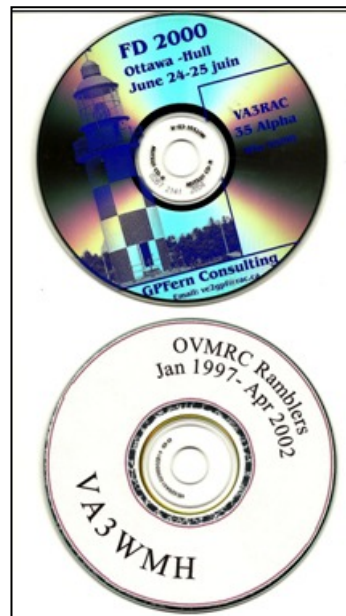
that assists the Boy Scouts in the Scouting for Food Project each year by providing communications. This marked the first time BBHN technology was used to support the project in the Salt Lake Valley. Their WiFi network, known as a wireless mesh network, was able to cover a large portion of the valley.

“The farthest point from our hub site was 8.5 miles across the city through a narrow path lined with

lots of manmade objects for signals to bounce off,” Jelf said. “While the mesh group was used to show video of the dispatch of trucks and of truck trailers at collection points within the hub site path, collection took place throughout the Wasatch Front area and elsewhere in Utah.”

*Article reproduced from ARRL [web site](#)*

## From the Time Capsule





## 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/](http://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 5:00pm 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/](http://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/](http://ve3rlr.dyndns.org/):

Rideau Lakes Amateur Radio Club's **Hamfest and Fleemarket**

Saturday, May 9th, 2015, Gates out to public at 9 am. Vendors at 7 P.M. for set up.

Smiths Falls Curling and Squash Club

Old Sly's Road, Smiths Falls

contact for vendors tables :  
[ve3rlr@gmail.com](mailto:ve3rlr@gmail.com)

This is one of the largest annual Ham Flea Markets in the area. It should be of particular interest to new amateurs wanting new and used equipment. It usually features several commercial vendors of new equipment such as Durham Radio Sales, Maple Leaf Communications and MacFarlane Electronics.



### West Carleton Amateur Radio Club

[www.wcarc.on.ca](http://www.wcarc.on.ca)

### VE3ORF/3730 Group

[www.ve3orf.com/](http://www.ve3orf.com/)

## 2015 Meeting Dates

### April 16

Bertrand Zauhar/VE2ZAZ on Broadband Ham Net mesh Network.

*This is the link to the Amateur Radio Emergency Data Network.*

*It is related to the April 16 presentation by Bert, VE2ZAZ on Broadband Ham Net Mesh Network.*

[www.aredn.org](http://www.aredn.org)

### May 21

Tentative Surplus Equipment for OVMRC members only

or

Mobile Show & Tell location at CASM grounds, Open invitation to other clubs/people

### June 19

Annual General Meeting Elections. We need your participation.

## Rambler Deadline

Meeting date minus 13 days

May 08

Jun 05

Please submit articles for the Rambler to the editor:

[Robert Cherry](mailto:Robert.Cherry@qsl.net)

No later than the deadline for the desired edition.

**May Rambler submission deadline is:**

**Friday, 8<sup>th</sup> May 2015**

## Apr 16<sup>th</sup> General Meeting

Meet and Greet at 7:00 P.M.

The April 16 meeting will feature the presentation of Club Certificates to the Class of 2014 OVMRC Ham Course students; 13 were successful in obtaining their amateur radio call sign. Welcome these folks as full members of the Club.

The evening will also feature a video production by Bert Zauhar, VE2ZAZ about the Ottawa Broadband HamNet project. This video will describe what Broadband HamNet is all about, what hardware is necessary, the uses and applications of such a system and how you can participate in the expansion of the Ottawa system. Although Bert will not be there in person at our meeting, we plan to

have video Skype call set up with him for Q&A from the audience of OVMRC members attending. We are also inviting two or three other

members of the Ottawa Broadband HamNet project to show equipment and answer questions.

## Mesh Networking and the Broadband-Hamnet

A overview of today's implementation of an  
Amateur Radio computer Mesh Network.

Bertrand Zauhar, P.Eng. VE2ZAZ  
ve2zaz@rac.ca  
September 2014.



## Technical information: OVMRC needs YOU

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](mailto:cw527@ncf.ca))

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](mailto:ovmrc.treasurer@gmail.com)



## OVMRC Meetings

**General Meeting** Thursday, April 16<sup>th</sup> 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.

## 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](mailto:paul.e.labbe@gmail.com)). Extra pairs of hands are always welcome.

## 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](mailto:ve3eus@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 | <input type="checkbox"/> |
| Full Membership (Member of RAC)       | \$25.00/year | <input type="checkbox"/> |
| Associate Membership (Unlicensed)     | \$15.00/year | <input type="checkbox"/> |

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	<b>By initialing this box, I confirm that I consent to receiving e-mail messages from the Club</b>
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### OVMRC NAME TAG – ORDER DETAILS

First Name:

Call Sign: