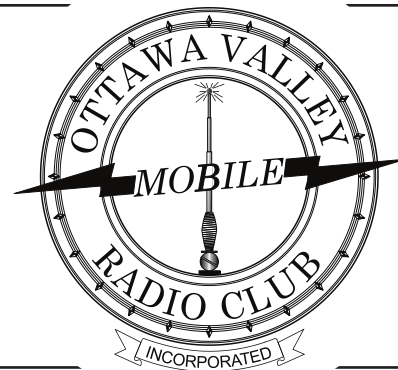


Rambler

Newsletter of the
Ottawa Valley Mobile
Radio Club
Incorporated



October 2018

Edition 56

Page: 1

President's Ramblings

The next of the ten OVMRC meetings for 2018-2019 will take place at the Science and Tech museum on Wednesday, October 17, so remember to mark your calendar. Also, remember there is free parking at the rear of the building for all OVMRC meetings.

The presentation at the October meeting will be a combined presentation on transition to electric transportation from the existing fossil fuel mode of vehicular transportation. This will prove to be a very interesting presentation despite not necessarily directly relating to "radio".

There will be a report from Nicole, VE3GIQ presenting the budget discussed at the September meeting requesting membership motion and vote of approval. A question period will be included in the meeting.

I want to encourage participation in the "Haves and Wants" portion of the meeting. I'm sure many of us have "things" we no longer need, but maybe someone else has a "want". I don't expect this to take off immediately but if we push it for a few meetings it may become popular.

I also want to encourage participation in the EMRG Repeater test. It happens once a month starting on VE3OCE. It is a short net, but very necessary, witness the recent event in Ottawa. The repeater frequencies are listed in the Rambler.

Requests have already come in for more coax so we will likely repeat

that procurement again since it was so popular last year. This year I plan on offering LMR 400 coax for base station implementations, as well as more LMR 200 coax. More to follow. We of course are open, and hope to get, suggestions anyone may have regarding a meeting topic or project. One suggestion came in for a shortened 80 M antenna to allow for more participation in the Sunday morning "Pot Hole Net".

This being the 60th year anniversary of the net, Ken, VE3EKN, our "net guy" will have more on this net at the meeting.

I am currently investigating a "shortened 80 M antenna" option for club members. Maybe a kit, maybe instructions to put something together, maybe a combination of the above to help club members to "get on 80". More to follow.

Finally, the Crickets have arrived! Norm ordered and received a total of 25 Crickets and they will be available for pick up for all who ordered the kit at the October meeting. This is the 30 M transceiver kit. We never imagined the response would be so positive but the executive and other experienced club members will do our level best to ensure success for all who have ordered the kit. Please bring exact cash or a cheque payable to the OVMRC in the amount of \$45.00.

That's about it for now. Hope to see you at the October meeting.

73
Barry
VE3NA

INSIDE

| | |
|---------------------------------------|------|
| President's Ramblings..... | 1 |
| Budget Motion..... | 3,4 |
| Restaurant Gatherings..... | 4 |
| Upcoming Events..... | 4 |
| Contest Calendar..... | 5 |
| Cross Canada C4FM Weekly Net..... | 5 |
| Emergency Measures Radio Group..... | 5 |
| OVMRC Repeater Nets..... | 5 |
| Local 2 Metre Nets..... | 5 |
| OVMRC HF Nets..... | 5 |
| 30 Metre QRP CW Kits..... | 6 |
| Meeting Minutes..... | 7,8 |
| October Meeting - Electric Cars..... | 9 |
| Jumbo Spot for Yaesu System Fusion. . | 9,10 |
| Net Activity Report..... | 11 |
| Membership Form..... | 12 |

Meeting Date

Wednesday, Oct 17th
7:00 P.M.

AGENDA

- **2018/19 Budget, Motion to Approve**
- **Presentation on Electric Cars – Norm, VE3LC**
- **Distribution of the 30 M QRP kits**

Science and Technology Museum
Studio 6

Note:
**Free parking at the rear of the building
for all OVMRC meetings**

OVMRC Executive and Officers 2018-2019

President: Barry Allison, VE3NA

ve3na@rac.ca

Vice-President: Norm Rashleigh, VE3LC

ve3lc@rac.ca

Treasurer: Nicole Boivin, VE3GIQ

ovmrc.treasurer@gmail.com,

Secretary: Ron Smith, VE3LBU

The above four positions are "Directors" and officers in charge of running the Corporate affairs of the Ottawa Valley Mobile Radio Club Inc.

Standing Committee Chairpersons

Amateur Radio Training & Accredited Examiner:

Norm Rashleigh, VE3LC

ve3lc@rac.ca

Membership:

Tom Mercer, VE3LJS

va3ljs@rac.ca

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ve3lc@rac.ca

Activities & Events Chair:

John McGowan, VA3JYK

john.mcgowan1314@gmail.com

Sponsors

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

- **KENWOOD ELECTRONICS CANADA INC.**,
Mississauga, ON
- **MAPLE LEAF COMMUNICATIONS**
Web site: mapleleafcom.com/
- **METAL PROS**,
"The Small Quantity Metal Shop"
Ottawa, ON
Web site: www.metalpros.com
- **RADIOWORLD TORONTO**
Web site: www.radioworld.ca

Visit the OVMRC Store

at

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

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

www.ovmrc.on.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 & Yaesu System Fusion Digital
Operation

OVMRC Call Signs

VE3JW

VE3RAM

The Rambler is the official newsletter of the Ottawa Valley Mobile Radio Club Incorporated and is published 10 times a year (monthly, except for July and August). 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@ncf.ca

OVMRC Affiliations



Budget Motion

A motion will be put to the Membership to accept this Budget at the October meeting.

OVMRC Proposed Budget for the 2018/2019 Season

| | | | |
|----------------------|-----------------|-----------------------------------|--|
| Assets | \$31,445 | | |
| • GICs | 15000.00 | | |
| • Chequing Account | 16445.00 | | |
| Income | | | |
| Total Income | \$13332 | | |
| Banking | | | |
| | \$182 | | |
| • Bank Interest | 1.00 | | |
| • GIC Interest | 181 | | |
| Membership | | | |
| | \$2700 | | |
| • Associate | 50 | Non ham members | |
| • Life | | 5 in total at the moment | |
| • Full Not RAC | 175 | | |
| • Full RAC | 1350 | | |
| • Honorary | | Folks of service to club | |
| • Student | 1125 | From expensed course costs | |
| Radio Course | | | |
| | \$5725 | | |
| • Course fees | 4500 | 45 x \$100 (main revenue of Club) | |
| • Study Guide Book | 1225 | 35 x \$35 | |
| Other Income | | | |
| | \$450 | | |
| • 50/50 | 200 | | |
| • Donations | 250 | May be equipment donated and sold | |
| Sales | | | |
| | \$4275 | | |
| • Name Tags | 150 | Cost neutral | |
| • Clothing | 500 | Bought and sold to members | |
| • Surplus Assets | 500 | | |
| • Radio Kits | 1125 | Bought and sold to members | |
| • Member Coax Supply | 2000 | | |

Budget Motion (Continued)

Expenses

| | | | |
|---|----------------|--|---|
| Total Expenses | \$11500 | | |
| Doing Business Expenses | \$220 | | |
| • Bank Charges | 20 | | |
| • Expense Claims | 200 | | Members expenses in support of Activities |
| Member Benefits | \$3700 | | |
| • Radio Kits | 1050 | | Bought and sold to members |
| • Member Coax supply | 2000 | | Bought and sold to members |
| • Name Tags | 150 | | Bought and sold to members |
| • Club Clothing | 500 | | Bought and sold to members |
| Club Obligations | \$930 | | |
| • RAC Affiliation Fee | 30 | | |
| • RAC Insurance | 450 | | Discounted based on # of RAC members |
| • Museum Rent | 225 | | |
| • PO Box Rental | 225 | | |
| PR and Donations | \$3000 | | |
| • Organization Donations | 2000 | | DARF, RAC Foundation, AMSAT, ARISS |
| • Youth Education Prg | 500 | | RAC Amateur Radio Youth Ed Program |
| • Club Promotion | 500 | | Booth Fees, etc, |
| Events and Activities | \$600 | | |
| • Field Day | 400 | | Food, generator gas, incidentals |
| • Transmitter Hunt | 100 | | Refreshments |
| • Christmas Party | 100 | | Prizes |
| Radio Course | \$3050 | | |
| • Teaching Aids | 500 | | Hardware/Software for Demos |
| • Printing Supplies | 100 | | Paper, Toner for Exam printing |
| • Student Books | 1225 | | Students pay for these |
| • Student Membership | 1125 | | Expensed against \$100 tuition fee |
| Projected Profit/Deficit on Operations = +\$1832 | | | |
| <i>Any Profit or Deficit will be added or subtracted to/from the Cash Reserves of the Club</i> | | | |

Informal Amateur Radio Restaurant Gatherings (All are welcome)

- **QCWA Chapter 70** breakfast gathering every **Tuesday** morning at 7:30 to 10 AM, Summerhays Grill, 1972 Baseline Rd., Nepean
- **Orleans Coffee** gathering every **Friday** morning at 9 AM, McDonalds, 2643 St. Joseph Blvd, Orleans
- **QRP Group Dinner** meeting, **2nd Wednesday** every month, 5 PM, Newport Restaurant, 322 Churchill Ave N., Ottawa
- **Phoenix Net monthly Breakfast** gathering, usually the **second Saturday** every month at 9 AM, T-Basil Restaurant, 2440 St Joseph Blvd, Orleans. (get on Pete VE3XEM's mailing list for monthly reminder VE3XEM@RAC.CA)

Contest Calendar

For all contest information goto:
hornucopia.com/contestcal/

Oct 27-28 — CQ Worldwide DX Contest,
cqww.com/rules.htm

Nov 3-4 — ARRL Sweepstakes Contest, CW,
arrl.org/sweepstakes

Nov 24-25 — CQ Worldwide DX Contest,
cqww.com/rules.htm

Cross Canada Weekly C4FM Net no longer on VE3TWO

Denis, VE3BF facilitated connection of VE3TWO to the Cross Canada C4FM weekly Net conducted on Room 28329 on the Yaesu Wires-X network. Denis has discontinued this service on VE3TWO in favour of hosting the Net through a new System Fusion repeater installed at his home QTH. For VE3TWO to again be connected to network, we will need another volunteer to make and control this connection every Wednesday for this net. If interested, please contact Norm, ve3lc@rac.ca.

Emergency Measures Radio Group: (EMRG)

Monthly Repeater Tests are conducted by Dave VE3KMV on the first Wednesday of each month at 8 pm on VE3OCE 146.880 MHz – (136.5 Hz tone). From initial contact on VE3OCE, you'll be asked to test VE3EMV/East 146.985 MHz – (100 Hz @ tone), VE3EMV/West 145.210 MHz – (136.5 Hz tone), VE3OFS 146.670 MHz – (136.5 Hz tone) and VE3OCE 443.8000 MHz + (136.5 Hz tone). It is advisable that all the EMRG frequencies be programmed into your radio. All check ins are welcome. emrg.ca/repeaters.htm

OVMRC Repeater VE3TWO :

147.300 MHz +600 kHz, 100 Hz Tone
 and Yaesu C4FM Digital Voice

VE3TWO Scheduled Nets:

- **Wednesday Evenings, 9 PM**, Across Canada Net, C4FM Digital Voice facilitated by Denis, VE3BF.
- **Thursday Evenings, 8 PM**, Club Net on FM conducted by Ken, VE3EKN. **Note: resumes on Sep 6th**
- **Sunday Evenings, 8 PM**, Ottawa C4FM Digital Voice Round Table Net.

Other Local 2 Metre Repeater & Simplex Nets: (all check-ins welcome)

- **Rubber Boot Net**, VE3MPC 147.150 +, work day mornings at 7:30 AM conducted by Mike, VA3TJP
- **Phoenix Net**, VE3MPC 147.150 + (now with 100 Hz tone), Tuesday evenings at 8 PM conducted by Pete, VE3XEM
- **QCWA Chapter 70 Net**, VE3MPC 147.150 + (now with 100 Hz tone), Monday evening at 7:30 PM conducted by John, VE3ZOV
- **Capital City FM Net**, VE2CRA 146.940 Mhz, – (100 Hz tone), Monday evenings at 8 PM
- **Champlain Mini Net**, VE3STP 147.060 – (114.8 Hz tone), every evening at 6:45 PM
- **Upper Frequency Net**, Simplex 144.250 MHz using USB, Tuesdays evenings at 9 PM conducted by Glenn VE3XRA. Following check in on 2 m you can check your radios on 6 m at 50.150 MHz and 70 cm on 432.150 MHz as well using USB. All check ins are welcome.

OVMRC HF Nets

- **Pot Hole SSB Net**, 3760 kHz, every Sunday morning at 10 AM conducted by Ernie, VE3EJJ, or Glenn VE3XRA.
- **Pot Lid Slow Speed CW Net**, 3620 kHz, every Sunday morning at 11 AM conducted by Roger, VE3XRR.

30 Metre QRP CW Transceiver Kits

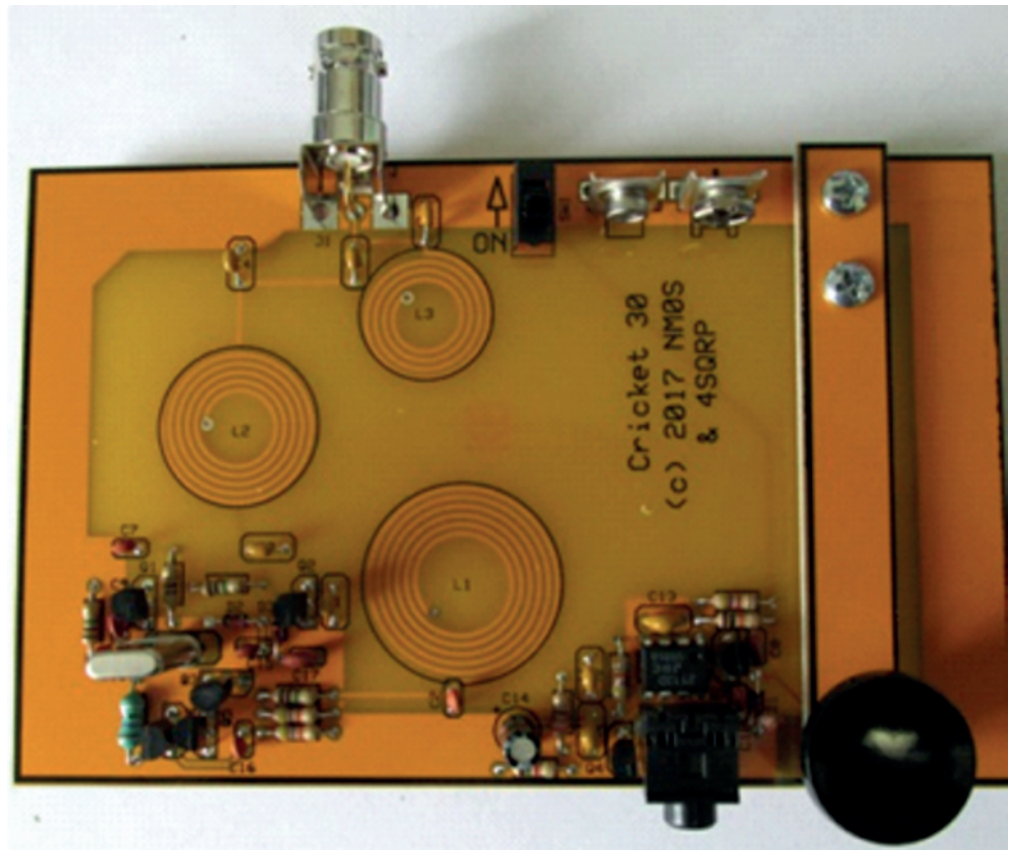
For the folks that signed up at the September meeting for the Cricket 30 QRP CW, we can deliver the kits at the October meeting. The group purchase price comes out at \$45 each. There are a few extra for club members that didn't get in on the original order, first come, first serve. Beyond that, individual kits are available at: 4sqr.com/cricket30.php

For the November meeting, we are planning, in part, a "Workshop". For those that need help building and/or testing the kit, we will have tools and equipment available to test out the project. It will be of great interest if folks can actually make contacts with these kits. If the propagation conditions and right and you have a good antenna for the 30 metre band, this little rig should be capable of DX contacts. But of course, you will have to practice your Morse code.

Following building one of the kits, (it took me less than an hour) I put out several hand sent CQs. I got no actual contacts but the little rig was heard by a CW Reverse Beacon Network receiving stations KS4XQ and W3LPL on Reverse

Beacon Network, go to: reversebeacon.net/

Norm, ve3lc



REVERSE BEACON NETWORK

[welcome](#) [main](#) [dx spots](#) [nodes](#) [FT8](#) [downloads](#) [about](#) [contact us](#)

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showing spots for DX call: VE3LC

rows to show: 40 ▼

search spot by callsign

| de | dx | freq | cq/dx | snr | speed | time |
|-------|----------|---------|--------------|-------|--------|--------------|
| W3LPL | 🇨🇦 VE3LC | 10108.2 | CW CQ [LoTW] | 11 dB | 15 wpm | 1857z 07 Oct |
| W3LPL | 🇨🇦 VE3LC | 10107.5 | CW CQ [LoTW] | 13 dB | 15 wpm | 1853z 07 Oct |
| KS4XQ | 🇨🇦 VE3LC | 10107.5 | CW CQ [LoTW] | 1 dB | 15 wpm | 1139z 06 Oct |

(The difference in frequency between the spots are the two different crystals supplied with the kit.)

Meeting Minutes

Date / Time: Wednesday, September 19, 2018; 19:30

Location: Canada Science and Technology Museum

1. Call to order:

The President, Barry Allison, VE3NA called the meeting to order at 19:20. There were 41 in attendance, including 5 guests.

2. Approval of minutes from previous meeting:

MOTION: Moved by Steve Middleton, VE3RUU and seconded by Tim Bailey, VE3TXB that the minutes of the previous meeting held Wednesday, June 20, 2018 be approved.

VOTE: All in favour.

CARRIED.

3. Greetings: Guests and visiting amateurs:

Richard Heberl VE7PSE

Shirley Rivard

Christine Comeau VA3WTZ

Neil Hebert VE3PUE

Chris Rochefort VE2MW

4. Announcements, Projects and Events:

A Agenda and Meeting Content: Barry Allison, VE3NA outlined the agenda for the evening meeting. This was followed by an outline of individual meeting elements this year which will include;

1. Haves/Wants? - sharing info
2. Notable contacts made by club members.

Examples included Barry Allison VE3NA, contact with a former work contact living in Trinidad; Douglas King, VE3YDK using 10 watts on 20M making a contact in Indonesia.

3. Distracted Driving - Barry Allison, VE3NA, led a brief discussion and provided handouts for everyone's glove boxes on the Amateur Operator Exemption for the Distracted Driving statute in Ontario.

4. Upcoming meetings for the Year - 10 get togethers which will include 9 meetings and the Christmas Dinner. Special meeting activities will include Check Your Rig, Mini Flea Market, Transmitter Hunt, Christmas Dinner, Field Day organization session, promoting haves and wants, and small construction projects. The President also asked members for meeting ideas and guest speaker ideas for the coming year. Contact Barry Allison at VE3NA@rac.ca

5. Event activities for the year will include Lighthouse on the Air, Satellite contacts, emergency repeater tests 1st Wednesday of each month on VE3OCE, and ARISS .

B Tool Crib: Barry Allison, VE3NA, presented and demonstrated a new resource for club members. The OVMRC Tool Crib will allow

members to book various club owned tools necessary to crimp RJ45, RJ12, RJ connectors and Powerpole connectors. Additional tools may be added in future. For assistance and to book crimpers, contact Peter Carrs, VE3XEM, tool custodian.

C Major Membership Prize Draw Event: Barry Allison, VE3NA, announced an attendance incentive draw for members. The more often that a member attends, the more chances he/she will have to win an MFJ antenna analyzer and accessories, valued at \$450 to \$550. The draw is open to paid, regular members, one chance per meeting attended.

D Cricket QRP 30 Kit: Norm Rashleigh, VE3LC, presented a kit project. A 30M QRP CW transceiver. \$33 US or \$40 CDN. The club will place a single order to achieve savings. Please email Norm Rashleigh, to order: VE3LC@RAC.ca

5. Guest Speakers:

Slide Presentation - Roger Egan, VA3EGY and Hooman Jazebizadeh, VE3HJZ, presented the project rationale, background and implementation steps proposed for RAAMSAT, an educational programme aimed at involving youth in satellite communication and amateur radio. For further information and if you'd like to get involved, contact Roger Egan, VE3EGY at: roger.egan@yahoo.com.

6. Report and pictures:

MS Bike Tour - Nicole Boivin, VE3GIQ, presented a summary and photos of the recent MS Bike

Tour, held August 18 and 19. Several OVMRC members acted as volunteers along the route. The event raised over \$526,000.

7. Report and pictures:

2018 Field Day – Norm Rashleigh, VE3LC, showed several pictures and talked about the event in June. There was a distinct improvement in the Club total score. The final score was 4092 points. It was noted the club beat the OARC total.

1. Club Executive Reports:

Financial report – Nicole Boivin, VE3GIQ, provided a financial update to club members. As of June 2018, balances include: Assets – in GIC's \$15,000; Bank Balance - \$11,901; Cash Account -

\$3839 (updated to include September Tuition); Physical Assets - \$547. TOTAL \$31,289. The Club has no debt. Discussion followed the presentation.

MOTION: To accept the Financial Report of the Club.

Moved by Bill Henderson, VA3HWA.

Seconded by Tim Bailey, VE3TXB.

VOTE: All in favour.

CARRIED.

Operations report – Ken Evans, VE3EKN provided a verbal update to remind Club members of the Club Nets scheduled for the year. This include the Sunday morning Pot Hole Net, which is celebrating 60 years in May, 2019. The Pot

Lid HF CW Net and the Thursday 2M Net at 8 PM on VE3TWO. Members are encouraged to join in.

There were no other Executive reports available.

8. Upcoming contests:

For detailed information on upcoming contests, see the WA7BNM Contest Calendar at: hornucopia.com/contestcal

9. Prizes and Draws:

The 50/50 draw was won by Denny Zidek, VE3OKD. Various door prizes were also drawn.

10. Next meeting:

Wednesday October 17, 2018, the Meeting of Members of the OVMRC will be held at 7:30 at the Canada Science and Technology Museum, 1867 St Laurent Blvd, Ottawa, ON K1G 5A3.

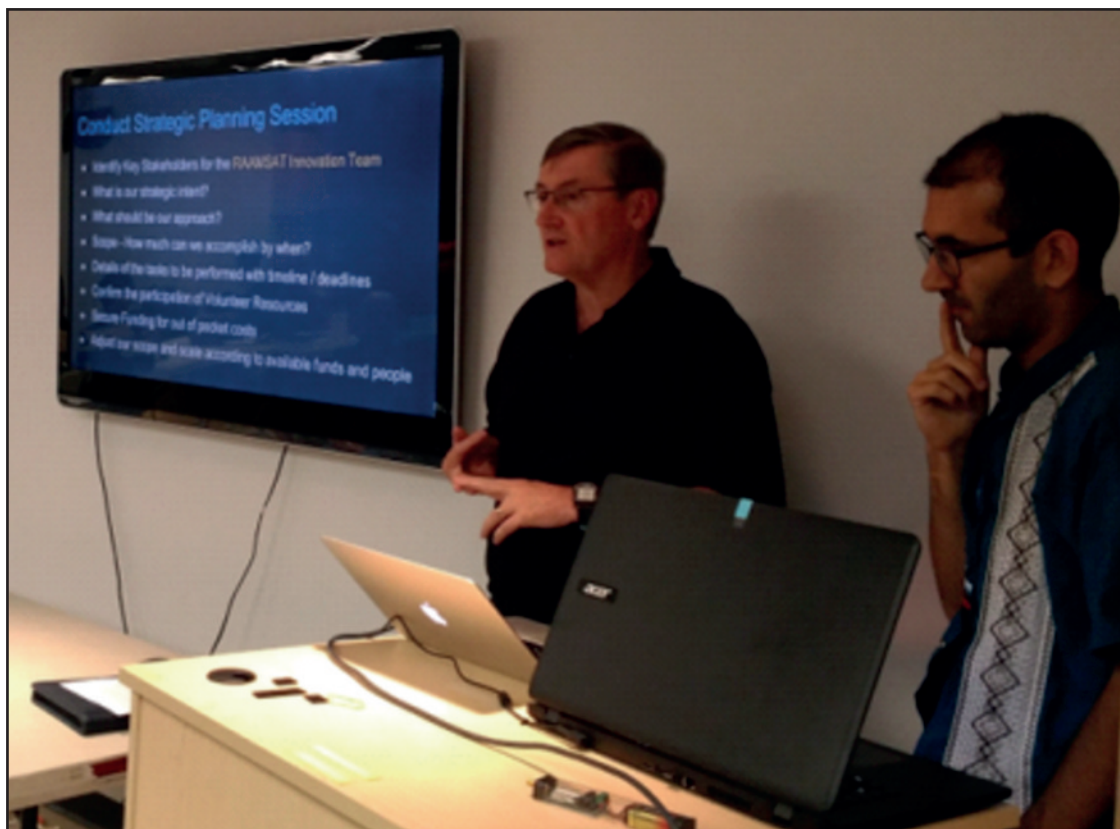
11.

Adjournment:

MOTION: Moved by Steve Middleton, VE3RUU. that the meeting be adjourned.

The meeting was adjourned at 21:55.

Minutes recorded by Ron Smith, VE3LBU, OVMRC Secretary



Featured at our September Meeting, OVMRC Club members, Roger VA3EGR and Hooman, VE3HJZ give a presentation to seek support to advance an Amateur Radio Youth Education Program in the Ottawa area.

October Meeting: Presentation on Electric Cars.



Norm's Ioniq Battery Electric Vehicle (BEV)

Our November meeting will feature a presentation by Norm, VE3LC on his Hyundai "Ioniq" all electric vehicle. The presentation will highlight the technical aspects of electric cars and charging, including the pro and cons and economics of driving such vehicles with currently available products. We have at least two other members of the club that drive new electric cars, Ron, VE3LBU with his all electric Nissan Leaf and Nicole, VE3GIQ with her partially electric plug-in hybrid Toyota Prius Prime. Both will be contributing to the presentation to provide their experiences and information on their cars.

Jumbo Spot for Yaesu System Fusion Networking

A number of members of the Club have Yaesu System Fusion radios capable of digital voice operation supported for local repeat-through by Club repeater, VE3TWO. Worldwide networking of this mode is can be accomplished through the Yaesu Wires X network whereby a Yaesu HRI 200 Wires X box must be bought and USB connected to a Windows Computer then connected to a compatible Yaesu C4FM digital radio. The internet connection of the computer provides worldwide access to other nodes or conference bridges (called rooms) managed by a Yaesu sponsored server(s). This operation ties up your Windows based computer that manages and displays the connections you setup. All in all, this is a rather expensive system for the individual ham to implement in that, besides your portable or mobile client radio, you must also purchase another "node" radio and the Wires X box. The



System up and running and in service at VE3LC

combination of the latter two amounts to a least \$600.

There are alternate methods of networking System Fusion radios besides Wires X. There are available what are called "Hot Spots", including such products as the SharkRF Open Spot, the ZUM Spot and the Nano Spot to mention a few. Some of these cost \$200 or \$300 which discouraged me from buying.

I was then told by Greg, VE3KMN at Field Day about a product called the Jumbo Spot that can be sourced inexpensively from China. I

ordered one on-line for \$44US and it arrived in my mail box four weeks later. I soon realized the kit needed a Raspberry Pi Zero micro computer board to make it work. That was readily available from "BuyaPi"

here in town for \$17. As well, a 16 GB micro SD card was necessary bought at Canada Computer for \$10. With some further reading and instruction the works were assembled into the tiny box provided, software (OS & application called Pi-Star) downloaded and written into the SD card, configuration and setup made late on a Saturday night, and voila; it works. The network connection for the Jumbo Spot is via the Pi Zero WIFI interface directly into my internet router. Configuration of the many parameters of Setup including your call sign and location are done

with an http session directly with the Jumbo Spot using the LAN IP address assigned to it by my router. The Jumbo Spot communicates with my FT-1d portable radio via its own VHF and UHF micro power transceiver (about 10mW). Part of the setup is to specify your own simplex operating frequency. The Jumbo Spot hardware is powered with a 5 volt micro USB cable used to charge a smart phone.

The Jumbo Spot is agnostic hardware and software that allows communications with several type of digital voice modes including, Yaesu System Fusion C4FM, D-Star, DMR and P25. Over the internet, it connects with one of several server platforms. One is the FCS network using System Fusion providing 99 party line type talking groups; they are specified by name indicating the group they are intended to serve. Many are specified to serve this or that country or state or province. Evidently, there are mechanisms in the server domain that do transcoding allowing, for instance, System Fusion radios to talk to DMR radios. There are some talkgroups that provide recording and playing back of your voice as an ECHO test of the system and your radio.

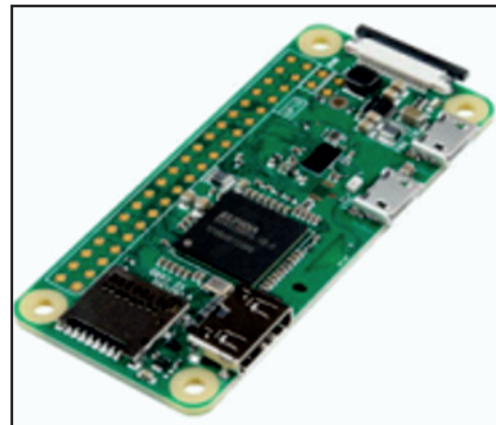
I set up my Jumbo Spot to operate on a 70 cm simplex frequency. So far I've talked to several folks in various states and Canada from coast to coast using a talk group called "America Link Wires X".

I am still very much learning about all this. Hopefully, I will have more to report, maybe giving a small presentation at the November meeting on the subject of Hot Spots in general and the Jumbo Spot in particular.

Norm ve3lc



Jumbo Spot Kit as purchased from a Chinese vendor



Pi Zero purchased from BuyaPi

OVMRC Net Activity, Check-ins during the last month

Prepared by: Ken Evans, VE3EKN

OVMRC 2 Metre Net, VE3TWO 147.300+ 100 Hz tone, Thursdays 8 pm local

| September 6 | September 13 | September 20 | September 27 |
|-------------|--------------|--------------|--------------|
| VE3LC/M | VE3NA | VE3RUU | VE3RUU |
| VE3SJM/M | VE3RUU | VE3NA | VA3ZTF |
| VE3BF | VE3LC | VE3KAE | VE3NA |
| VA3HWA | VE3LBU | VE3LC | VE3KTN |
| VE3OKD | VA3ORL | VE3LBU | VE3KAE |
| VE3LBU | VE3QSO | VE3RXH | VE3LBU |
| VA2EEK | VE3RXH | VA2EEK | VA2EEK |
| VE3HHS | VE3ZZU | VE3GIZ | VA3RLA |
| VE3RUU | VE2BJZ | VE3NPO | VA3ORL |
| VA3ZTF | VE3KAE | VA3JYK | VE3GIQ |
| VA3RLA | VE3HAZ | VE3EZB | VE3SGG |
| VE3RXH | VA3CHH | VE3KTN | VE2BJZ |
| VE3NA | VE3SGG | VA3HWA | VE3RXH |
| VE3SGG | VE3EKN | VA3BIT | VE3HWA |
| VE3XQQ | | VE3EKN | VA3JYK |
| VA3BGO | | | VA3BFW |
| VE3EKN | | | VE3EKN |

OVMRC POT HOLE NET – Check-ins last month 3760 kHz SSB Sunday mornings at 10 am local

| September 9 | September 16 | September 23 | September 30 |
|-------------|--------------|--------------|--------------|
| VA3BGO | VA3PCJ/P | VA3QV/P | VA3ZTF |
| VA3ZTF | VA3ZTF | VE3LC | VE3LC |
| VE3XRA | VE3NA | VE3KTN | VE3NA |
| VE3LC | VE3LC | VE3NA | VE3KTN |
| VE3NA | VA3BGO | VE3EKN | VE3XRA |
| VE3KTN | VE3KTN | | VA3BGO |
| VE3EKN | VE3SMF/QRP | | VE3FFK |
| VE3EJ | VE3EKN | | VE3EJ |
| | | | 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 | Modes | Building | Other |
|--------------|--------------|----------------|---------------------|
| Microwave | CW | RX | Teaching |
| UHF | Digital | TX | Speaking/Presenting |
| VHF | Phone | Antennas | DF/Fox hunting |
| HF | EME | Test equipment | Contesting |
| LF and below | Satellite | Other | DXing |
| | Experimental | | Computers/IT |
| | | | Other |

| | | | |
|-----------------|------------|--|--|
| Signature _____ | Date _____ | <input style="width: 80%; height: 40px;" type="text"/> | <p><i>By initialing this box, I confirm that I consent to receiving e-mail messages from the Club.</i></p> |
|-----------------|------------|--|--|