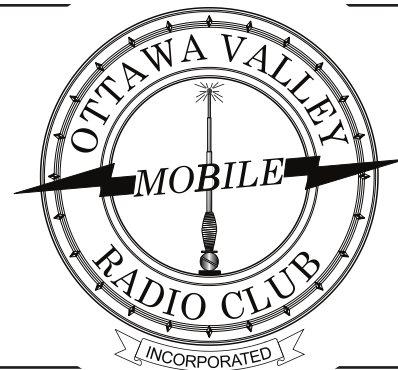


Rambler

Newsletter of the
Ottawa Valley Mobile
Radio Club
Incorporated



June 2018

Edition 55

Page: 1

Celebrating our 60th Anniversary Season of Continuous Service to Ottawa

President's Ramblings

This June issue of the Rambler Newsletter will put a wrap on the 60th Anniversary Season of the Ottawa Valley Mobile Radio Club. I believe we put on a good program each and every month that included presentations from Barry Allison, VE3NA and his video on the preparation of antenna kits, Brian Griffin, VE3BGO on his Vintage Radio Collection, Marc Bélanger, VE3BOE on the design and construction of his tilting tower, myself, VE3LC on Operating CW, a debriefing on the January transmitter hunt and awarding of certificates, Bryan Rawlings, VE3QN on the history of the Transatlantic Telegraph Cable, and Michael Babineau, VE3WMB on the new Ontario SOTA Association. John McGowan, VA3YJK also organized the Club's Christmas Dinner gathering at KS on the Keys restaurant in lieu of a December meeting and for our April meeting, we conducted a mini flea market that was very well attended. We also ran a program for providing 20 m dipole and 2 m "Slim Jim" kits under the direction of Barry, VE3NA. Barry and Marc, VE3BOE also provided, at cost, over 2,000 feet of connectorized coaxial cable as a service to Club

members. Further, the Club ran a program to buy polo shirts embroidered with the OVMRC logo and personalized with the members' name and call sign. Club mugs were also purchased to provide to guest speakers, for promotion and for sale.

As for special events, the Club conducted a transmitter hunt exercise over a one week period in January. The exercise had great participation with 9 folks zeroing in the hidden transmitter location at the QTH of Robert Cherry, VA3AOD. We also organized a tour of NRC time signal station, CHU through the cooperation of NRC employee and OVMRC course graduate, this year, André Charbonneau, VA3CHH. We have included many photos of the CHU tour event thanks to Dave Scott, VE3ZZU in this issue.

In addition, the Club conducted an Amateur Radio Course that attracted an enrolment of over 40 and ultimately graduated 25 new hams, most with honours qualification. Several of the graduates can now be heard on the air and are attending Club meetings. A special invitation will go out to all course graduates to participate in Field Day.

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Meeting Date

Wednesday, Jun 20th
7:00 P.M.

Annual General Meeting

- 2017/18 Season Review
- Election of 2018/19 Executive
- Financial Report
- Final Field Day Preparations

Science and Technology Museum
Studio 6

OVMRC Executive and Officers 2017-2018

President: Norm Rashleigh, VE3LC

ve3lc@rac.ca

Vice-President: Barry Allison, VE3NA

ve3na@rac.ca

Treasurer: Nicole Boivin, VE3GIQ

ovmrc.treasurer@gmail.com,

Secretary: Frank Fullum, VE2KOI

ve2koi@rac.ca

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Amateur Radio Training &

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Norm Rashleigh, VE3LC

ve3lc@rac.ca

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>

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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



(Continued from page 1) We also made a move for the February meeting back to the Museum of Science and Technology after an absence of several years while the St Laurent premises was undergoing renovations. We were grateful to the Museum Corporation to offer us use of rooms at the Aviation and Space Museum which served us well during the intervening time for our meetings and conducting our amateur radio course.

Our Annual General Meeting is scheduled for Wednesday, June 20th. This is an important meeting as the membership will elect the slate of Club member nominees that are willing and able to continue the business of running the OVMRC for another season. It is always difficult to have folks willing to step up to the plate. Barry, VE3NA and I have now concluded 3 years as President and Vice President. According to the bylaws of the Corporation, we cannot continue in the same executive position; however, we can take on another position and carry on serving the Club. We have thus agreed to do so as nominees switching positions, Barry as President and myself as Vice President; this we believe will satisfy the rules of the Club and be accepted by the membership. As for the rest of the positions, most incumbents are again standing for re-election expect for Secretary; Ron Smith, VE3LBU has agreed to be on the ticket replacing Frank Fullum, VE2KOI. Thanks to Frank for his two years of service to the

Club. Look further in the Rambler for the full slate of nominees that we request the membership will provide a vote of acceptance at the AGM. Also, I want to thank the rest of the OVMRC executive and chairperson volunteers; Barry, VE3NA for being vice president and projects person and sounding board for all things OVMRC, Nicole, VE3GIQ for managing the money and accounting, Frank, VE3KOI for keeping the record of club meetings and providing the monthly minutes, Tom, VA3LJS for keeping the membership records and being the reception and greetings guy at all our meetings, Darin, VE3OIJ for providing our excellent Web site and being our social media master, Robert, VA3AOD for making sure our Rambler newsletter is well proof read before being published, Bill, VA3WMH for providing the layout and production services for the Rambler newsletter, John, VA3JYK for contributing to the initiatives and organization of specials events of the Club and last but not least, Ken, VE3EKN for being our operations guy and being that all round friendly conductor of our weekly 2 metre net on VE3TWO and record keeper of OVMRC nets check-ins we publish in the Rambler. (See Ken's year end report in this issue.)

The finale of the Club's season will be our Field Day event on the grounds of the Aviation and Space Museum on the June 23-24 weekend. We expect to run a 2A operation with 2 HF stations operating continuously on CW and

SSB with antennas capable of 160 through to 10 metres phone. We will also have a separate 6 metre station to hopefully capture sporadic E layer propagation common at this time of year. As well, a separate HF radio GOTA station will be established for new amateurs to operate while being coached by several "veteran" hams. We will also be prepared for a good display for the public passersby in our "Information Tent" to tell all about the FD happenings and promote the hobby of amateur radio and the OVMRC. For all this to be a successful event, we will need all the support and participation from as many Club and family members as possible including youth that can contribute to making contacts (under supervision) for youth participation bonus points.

More will be told about Field Day plans at the AGM on June 20th. See the proposed layout of the site in this issue of the Rambler.

So that's it folks.. It's been a pleasure guiding the Club as president over that last 3 years and I appreciate all the support given to me by the rest of the executive team and the members of the Ottawa Valley Mobile Radio Club. I plan to be as active as able in Club activities and responsibilities for a few years to come.

Have a good summer all;

73
Norm Rashleigh
VE3LC@rac.ca

Contest Calendar

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

Jun 23-24 — Field Day Contest,
arrl.org/field-day

Jul 1 — RAC Canada Day Contest,
wp.rac.ca/rac-canada-day-contest-rules/

Jul 21-22 — CQ Worldwide VHF Contest,
cqww-vhf.com/

Aug 4-5 — North American QSO party - CW,
ncjweb.com/NAQP-Rules.pdf

OVMRC Repeater VE3TWO :

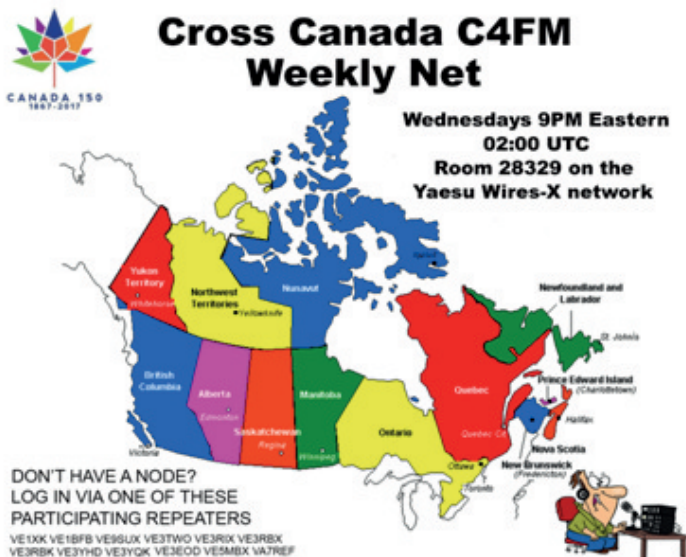
147.300 MHz +600 kHz, 100 Hz Tone
and Yaesu C4FM Digital Voice

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.
- **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.



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 – (123 Hz tone), VE3OFS 146.670 MHz – (123 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 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

The **OTTAWA AMATEUR RADIO CLUB** presents the:

OTTAWA-CARP HAMFEST

(AMATEUR RADIO FESTIVAL & FLEAMARKET)

SATURDAY, SEPTEMBER 8th, 2018
(THE WEEKEND AFTER LABOUR DAY)

9:00 AM to NOON
Vendors Setup: 8:00 am (Commercial 7:30)

It's all happening at the...

CARP FAIRGROUNDS

W. Erskine Johnston Arena - 3882 Carp Rd, Ottawa (Carp), Ontario

From Ottawa or Hwy 416, take Hwy 417 west to Carp Rd (exit 144), then go 11 km North to the Fairgrounds. We are located at the northern end of the fairgrounds in the W. Erskine Johnston Arena – follow the signs along the route.

TALK-IN: VE2CRA 146.940 - MHz, 100 Hz

Excellent Door Prizes!

\$6 general admission	*	Ham Radio Licence Testing - Get yours, or upgrade!
\$14 / vendor table (+ admission)	*	Breakfast & Coffee Counter

FOR TABLE RESERVATIONS & INFO CONTACT:

email: fleamarket@oarc.net

www.oarc.net/fleamarket  [oarc.hamfest](https://www.facebook.com/oarc.hamfest)



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)

Upcoming Events

- **June 23-24**, OVMRC Field Day at Aviation and Space Museum.
- **Aug 18-19**, MS Bike Ride, Amateur Radio Communications Support, Want to volunteer; please contact Nicole, VE3GIQ - ve3giq@rac.ca.
- **Sep 8**, Carp Hamfest and Flea Market sponsored by the Ottawa Amateur Radio Club.
- **Sep 17**, Registration for the OVMRC Amateur Radio Course.
- **Sep 19**, First meeting of the OVMRC for the new season.

2018-2019 Executive Nominees

Slate of OVMRC members willing to stand for Executive and Chair positions for the 2018-2019 Season

President*	Barry Allison	VE3NA
Vice President*	Norm Rashleigh	VE3LC
Treasurer*	Nicole Boivin	VE3GIQ
Secretary*	Ron Smith	VE3LBU
Membership Chair	Tom Mercer	VA3LJS
Nets and Operations Chair	Ken Evans	VE3EKN
Web Master and Social Media	Darin Cowan	VE3OIJ
Newsletter Content Editor	Robert Cherry	VA3AOD
Newsletters Producer	Bill Hall	VA3WMH
Activities and Events Chair	John McGowan	VA3JYK
Radio Course	Norm Rashleigh	VE3LC

** Note: the first four positions in the list above are "Directors" and officers in charge of running the Corporate affairs of the Ottawa Valley Mobile Club Inc. and subject to OVMRC By-Law 9.5 which states: "No Director shall be eligible to serve more than three (3) consecutive terms in the same Director position."*

Both Norm Rashleigh, VE3LC and Barry Allison, VE3NA, at the conclusion of this season, will have completed their maximum 3 consecutive 1 year terms serving as Club President and Vice President respectively. Since no other Club members in good standing have been nominated and agreed to seek these positions, both Barry and Norm have agreed to continue serving the Club by offering to stand for Director positions President and Vice President respectively, essentially switching their roles on the Club executive for the next season of the OVMRC.

Our current Treasurer and Director, Nicole Boivin, VE3GIQ is completing her second term and has agreed to stand in the same position for another term

responsible for accounting and administering the Club's financial affairs.

After two terms as Secretary, Frank Fullum, VE2KOI will be stepping down but has nominated Ron Smith, VE3LBU who has agreed to stand for Club Secretary. We thank Frank for his service to the Club.

All other folks currently serving the Club have agreed to continue serving in their previous positions and responsibilities; the chairperson positions are not subject to the 3 term limitation.

All positions are subject to challenge by others in good standing for two consecutive years in the Club (see bylaw 8.2) that may be nominated and willing to stand for a specific Director

position or Chairperson position; in which case, there will be a vote by the membership at the June Annual General Meeting. All nominations should be sent by email to the President or Vice President of the Club prior to the June 20 AGM so that the candidates can be assessed to be eligible as members in good standing according to the bylaws of the Club.

Notwithstanding a vote between individuals for specific positions, there will be a motion and vote of acceptance by the membership for the entire slate of individuals left standing for the various Directorship and Chairmanship positions responsible for running the Club for the 2018/2019 season.

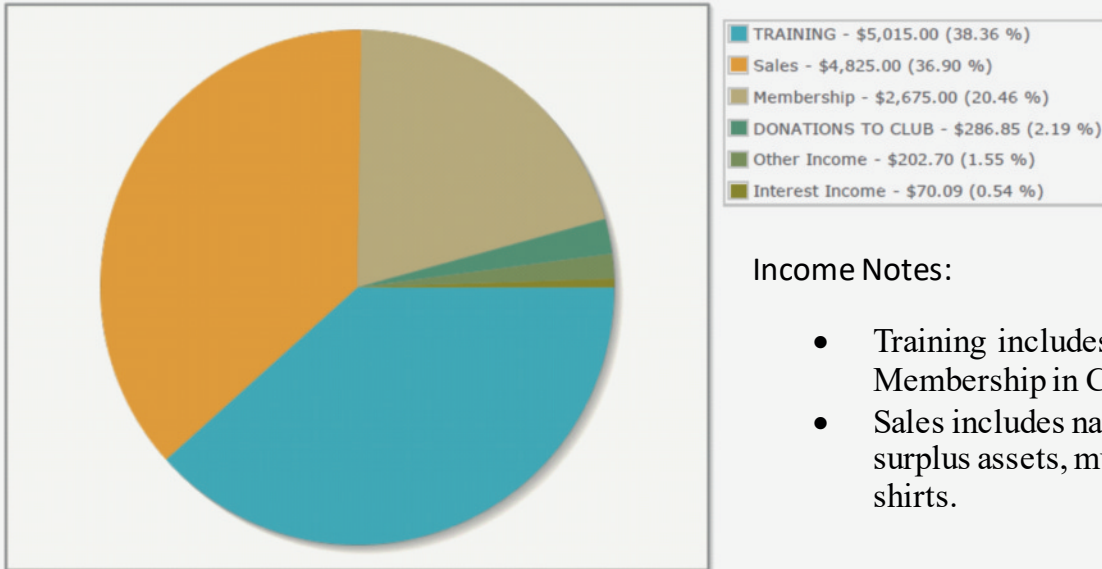
- Norm ve3lc

Financial Report

by Nicole Boivin, VE3GIQ

The Club Treasurer, Nicole Boivin, VE3GIQ has provided the following Pie Charts to show the Income and Expenses so far during the 2017-18 Season from the Club’s Accounting System. Nicole will provide a fuller explanation in her Financial Report at the Annual General Meeting. Following Nicole’s presentation at AGM, there will be a motion of acceptance and vote on the report by the membership.

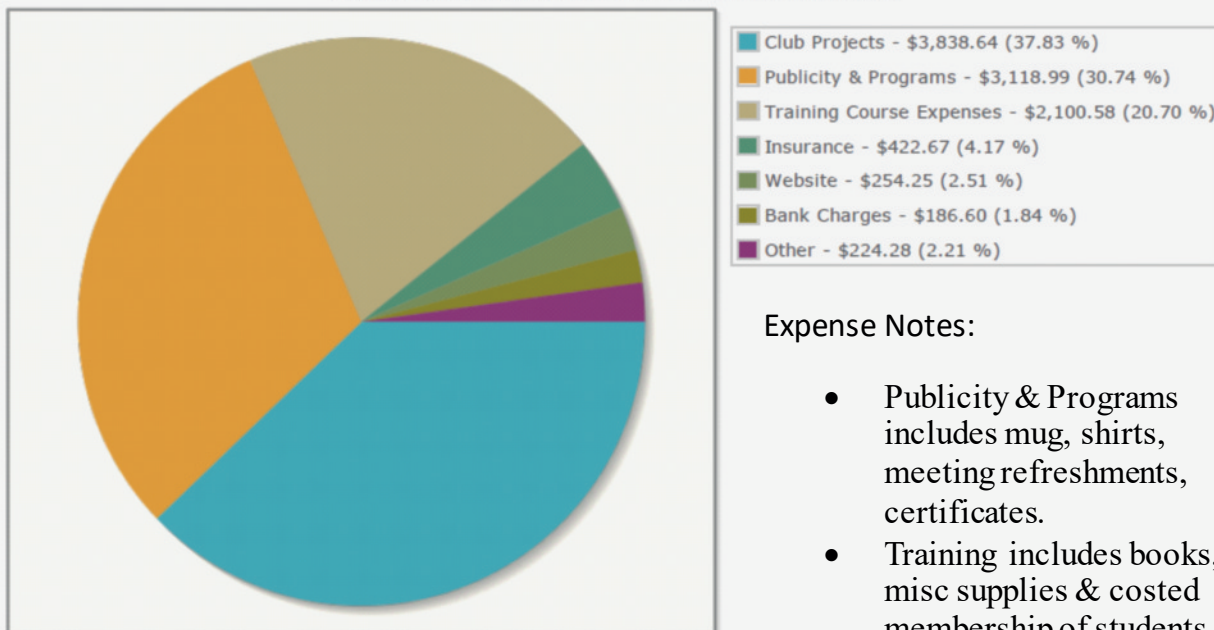
Income Accounts (2017-09-01 to 2018-05-31: \$13,074.64)



Income Notes:

- Training includes Student Membership in Club
- Sales includes name tags, surplus assets, mugs and shirts.

Expense Accounts (2017-09-01 to 2018-05-31: \$10,146.01)



Expense Notes:

- Publicity & Programs includes mug, shirts, meeting refreshments, certificates.
- Training includes books, misc supplies & costed membership of students.
- Website shows domain and hosting expenses.

Review of the Financial Records and Systems of the Ottawa Valley Mobile Radio Club, Inc.

On 12 June 2018 I had an opportunity to review the systems supporting the financial record-keeping for the Ottawa Valley Mobile Radio Club (OVMRC) with Norm Rashleigh VE3LC, President, and Nicole Boivin VE3GIQ, Treasurer.

The following general observations are in lieu of a formal audit which both the time available and my qualifications precluded.

In general, the financial records of the organization are organized and kept current through a comprehensive suite of applications which have been developed by Nicole. These include a system of accounts into which are archived the club's revenues and expenses, the Club's budget provisions and actuals and the club's assets both liquid in terms of cash and those held in securities. The latter currently consist of three GIC's of \$5000 each from which the revenue earned is paid into the club's bank account and the GIC's have been re-invested as necessary upon their maturity dates.

Bank records including monthly statements are obtained regularly from the Royal Bank of Canada. At the present time RBC provide the statements on paper only; however, Nicole scans these along with all other paper documents such that all of the club's financial records are archived in electronic form.

The Club's records of its total assets showed \$25,553.00 as at the end of the 2017 fiscal year. As at the time of this analysis the club's assets showed \$15,000 held in GIC's and a bank balance of \$13,027.53 for a total of \$28,027.53 showing a net gain over the period of \$2474.53.

The following observations should be received taking account of the short time allotted for this exercise and are in no way an expression of concern ...

1. The software applications, while impressive and suited to the task, are not those of any of the commercially available personal or business accounting products. Therefore, transfer to a subsequent treasurer will require care and a commitment to ongoing support.
2. Nicole appears to have duplicate copies of the Club's essential records in the event of the loss of the working computer records caused by, e.g., a

computer or hard drive failure or theft. Nonetheless, consideration might be given to some form of off-premises backup of these records. While some people are apprehensive of "cloud" storage solutions to this problem, it is worth considering the security provided by a set of records under a secure password stored in a cloud server. It is easy to administer and – within reason – indestructible.

3. While recording of financial transactions is fully automated once these have cleared the bank, it is not clear that records of transactions, e.g., membership payments, are kept other than in paper records pending the bank transaction. It might be useful to have a means of doing this electronically such that, for example, there is an electronic record of amounts payable before these clear the bank.

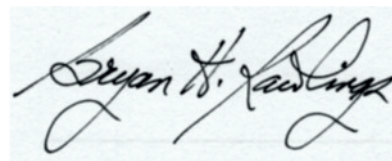
4. While ultimately, all transactions appear to be accounted for, there may be merit to formally keeping track of cash on hand and physically keeping a small amount of working cash in a secure environment.

5. While membership records appear to be well maintained, consideration might be given to providing receipts at time of payment to individuals making payments for, e.g., memberships, courses, etc.

6. Enquiries should be made of The Royal Bank as to whether it might be possible in the future to acquire the monthly bank statements online and, additionally, the current cash status of the club's chequing account. Other banks do this for similar accounts and hopefully the Royal Bank are working toward this too.

In general, club members should feel confident that the Club's assets are well protected and that its management of day-to-day finances is being conducted with skill and dedication.

Respectfully Submitted,



Bryan H. Rawlings VE3QN

14 June 2018

Meeting Minutes

Date / Time: Wednesday, May 16, 2018, 19:30

Location: Canada Science and Technology Museum

1. Call to order:

The President, Norm Rashleigh, VE3LC, called the meeting to order at 19:30. There were 29 in attendance.

2. Approval of minutes from previous meeting:

MOTION: Moved by Steve Middleton, VE3RUU and seconded by Ron Smith, VE2LBU that the minutes of the previous meeting held Wednesday, March 21, 2018 be approved.

VOTE: All in favour.

CARRIED.

3. Greetings:

Guests and visiting amateurs:

Earl Andrews VA3AB
Michael Babineau VE3WMB
Arthur Smith VA3BIT
Andre Jacob
Stuart Ollerhead

4. Announcements and events:

May 16 – 18 Canada Wide Science Fair. This year the Canada-Wide Science Fair is being held at the campus of the Carleton University. Norm Rashleigh and Barry Allison are participating at the event; the manning of a booth will be shared by RAC, OARC and OVMRC. This purpose of this booth is to promote Amateur Radio with various displays, a transceiver, CW paddles and more.

Wednesday May 30, there will be a tour of radio station CHU. Due to the number of people interested, there will be two tours; one at 18:30 and one at 19:30.

Saturday and Sunday, June 23 and 24, the OVMRC Field Day will be held on the grounds of the Canada Aviation and Space Museum.

5. Upcoming contests:

May 25, 27 - CQ WW WPC CW Contest

June 9, 10, 11 – ARRL June VHF Contest

June 23, 24 – ARRL Field Day

For detailed information on upcoming contests, see the WA7BNM Contest Calendar at:

hornucopia.com/contestcal

6. Report and pictures from the CN Cycle for CHEO event, Norm Rashleigh VE3LC:

This was the 10-year anniversary of the CN Cycle for CHEO fundraising event. Norm showed some slides and spoke about the event and the involvement of amateur radio. Several members of the Club participated again this year. Norm, VE3LC 15 km trail, Steve, VA3MPS 15 km sweep, Nicole, VE3GIQ 5 km Walk, Dave, VE3ZZU 2 km walk, Jocelyn, VE3JCT and Frank, VE2KOI GEC Parkway and St. Joseph 70 km turnaround

7. Report and pictures from the Smiths Falls Flea Market:

Many Club members attended the Smiths Falls flea market on Saturday May 12. Norm showed

some pictures and talked about the event.

8. Feature presentation, VE3SOTA – Summits on the Air - Ontario, Michael Babineau VE3WMB:

This month, Michael Babineau, VE3WMB gave a talk on VE3-SOTA – Summits on the Air - Ontario, and the Amateur Radio Summits on the Air (SOTA) program in general.

9. ARRL Field Day 2018, Norm Rashleigh, VE3LC:

Norm, VE3LC updated us regarding planning for the upcoming Field Day.

- Saturday and Sunday, June 23 and 24, the OVMRC will conduct ARRL Field Day activities on the grounds of the Canada Aviation and Space Museum.
- Proposed that the Class of operation will be 2A. Two HF stations 160 to 10 metre operation. One 6 M VHF station. One GOTA HF station. 40/20/15/10 metre bands.
- Logging software for use will be the N3FJP ARRL Field Day Contest Log.
- Recommended reading for Field Day: arrl.org/field-day

10. Prizes and Draws:

The 50/50 draw was won by Terry Duncan, VE3KLT.

11. Next meeting:

Wednesday June 20, the Annual General Meeting of Members of the OVMRC will be held at 7:30 at the Canada Science and Technology Museum. This important meeting will include

election of Club Officers and Executive for the coming year. All members are urged to attend. If you are interested in standing for an executive position, please advise the President, Norm Rashleigh well in advance of the meeting.

Next meeting will be Wednesday, June 20, 2018 at 19:30. Canada Science and Technology Museum, 1867 St Laurent Blvd, Ottawa.

12. Adjournment:

MOTION: Moved by Bill Henderson, VA3HWA and seconded by Ron Smith, VE3LBU that the meeting be adjourned.

CARRIED.

The meeting was adjourned at 21:15.

*Minutes recorded by:
Frank Fullum, VE2KOI
OVMRC Secretary*

Tour of National Research Council "CHU" HF Time Signal Station.

On the evening of May 30th, the NRC folks responsible for maintaining CHU provided a guided tour of the station to members of the Ottawa Valley Mobile Radio Club. 24 Club members attended and enjoyed the event. The weather for the tour was near perfect.

Photos below are courtesy of Dave VE3ZZU



Group Picture of OVMRC members outside CHU station U99 Building.



Corridor of 3 CHU Transmitters on 3.33, 7.85 and 14.67 MHZ inside U99 building.

Photos from CHU visit (Continued)



Standby Generator Building keeps CHU alive during power failures.



Bank of main and standby solid state exciter amplifiers made by IFI (Instruments for Industry, Ronkonkoma, NY).

Active 10 KW transmitter operating on 14.670 MHz.



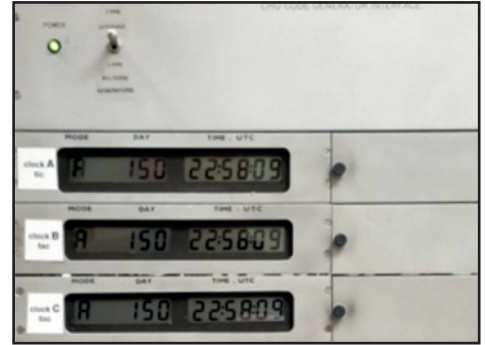
Photos from CHU visit (Continued)



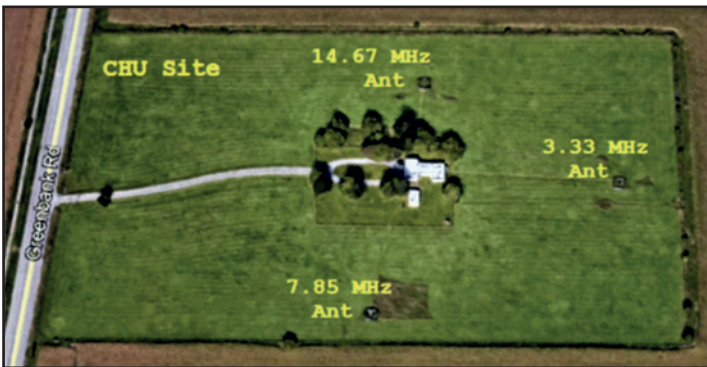
4CX 10000 Ceramic RF Tetrode on display from one of the CHU transmitters.



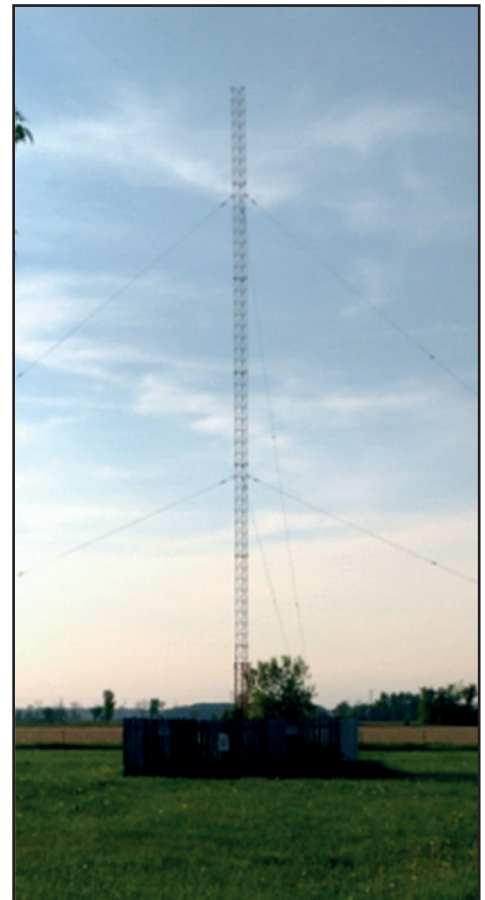
High accuracy Cesium Beam Atomic Clocks keep CHU on time and on Frequency. Clocks are installed in an RF tight "Screen Room" to insure the RF from the Transmitters doesn't upset the clocks' operation.



Picture of panels and electronics associated with modulating CHU coded transmissions with time signal recorded voice.



Base of 3.33 MHz antenna tower mounted up on 3 Heavy-Duty insulators. Antenna fed with Andrew 7/8" LDF-50A Heliac Cable which is buried from to Transmitter Bldg to Tower. Coax shield is connected to tower concrete base plate and ground radial system.



CHU's 3.33 MHz 1/4 wave vertical radiator (about 70 feet tall)

The OVMRC Nets, 2017/18

by Ken Evan, VE3EKN

It's been another good year with the OVMRC's nets. As usual, the net season has not been without its challenges, but the 2017/18 schedule was strong with the participation of our club members as well as friends who join us from time to time. The evidence of this can be seen in the net reports that are published monthly here in the Rambler.

The Pot Hole Net (PHN) seemed to run the whole season with reasonably good band conditions. Yes, there were a couple of difficult mornings, but really, the net maintained consistently better band conditions than the other years that I have been participating.

The PHN saw some new check ins from further across Ontario, Quebec, New York, Massachusetts and Pennsylvania, as well as a few other interesting locales. On a couple of occasions, the ONTARS group (all day on 3755 kc) mentioned the POT HOLE NET, and we met a few new hams who were curious about the OVMRC and what was going on at 3760 kc.

It is important to thank both Ernie VE3EJJ and Glenn VE3XRA for their continued efforts in hosting the PHN. By season's end this team will have hosted 41 nets this year. These gentlemen set and maintain the Net Control Station (NCS) schedule while conducting the old 80 m net with class. We are looking forward to them both returning for next season.

As is the case every summer, the PHN will be taking a break for July and August and will resume

the first Sunday morning after Labour Day. The final Pot Hole Net for this session will be hosted by VE3EJJ on June 17th starting at 10 A.M. The net will resume its regular schedule on September 9th, 2018.

The OVMRC 2 Metre Net has also had a busy year with our regulars, new attendees and newly licensed hams. The regulars know who they are, and the net is lucky to enjoy their company week in and week out. Many bring their sense of humour as well as stories, updates and useful information like weather forecasts. Thanks to Steve, VE3RUU who has consistently delivered the current forecast every week through three seasons of the year; and he's usually pretty close!

Thank you to another regular, Stephane, VA3SPV for spontaneously picking up the February 8th net, as the regular NCS was called away. All agree that Stephane did a great job.

The club's Executive members are some of the most regular participants and the 2 m net appreciates their support. Barry, VE3NA and Nicole, VE3GIQ often give brief reports on their respective club business, using the net to access the membership and keep us informed. This year saw some changes in the net's format giving the club President, Norm, VE3LC a better opportunity to address the group with all kinds of current news regarding the OVMRC. It's also fun to listen along, at the edge of your seat, teeth grinding, as Norm ticks down the last seconds to time-out.

This year we heard a number of newly issued call signs join the net, as well as a couple of seasoned amateurs who have returned to

ham radio after a while away. The OVMRC 2 METRE NET always welcomes these check-ins, as they are some of the most rewarding for net control and the group.

The OVMRC's faithful repeater VE3TWO has again served us well. Maybe this isn't the busiest machine in town, but it does often see more than an hour of tough duty on Thursday evenings. From time to time we have been plagued with intermittent interference from what seems like a paging service local to the repeater. While not a 'show stopper', it has at times made things difficult for the more distant stations checking in. This issue is currently under investigation.

This year the OVMRC 2 METRE NET will also take a summer break. The final net of the season, #43, will be conducted on June 28th which will give the club a chance to share updates and reports on this year's Field Day. The net will begin its new schedule on September 6th at 8 P.M. on VE3TWO.

It has been another year of learning while I've enjoyed many conversations with the hams on both nets, and I hope to have the opportunity to talk with many of the regulars before the summer break. I am looking forward to the 2018/19 session, but not before we all get a chance to enjoy the summer. Through July and August I expect to occasionally be lurking on TWO hoping to pick up a QSO or two.

73

Ken, VE3EKN

Editor's note:

Ken's reference to "kc" meaning "kilocycles" is the nice older terminology for kHz (kilo Hertz).

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

May 3	May 10	May 17	May 24	May 31
VE3KLT	VE3BF	VE3RUU	VE3RUU	VE3YDK/M
VE3VIG	VA3BIT/P	VA3ZTF	VA3ZTF	VA3ZTF
VE3LC	VA3ZTF	VE3LC	VE3LC	VA3ORL
VE3LBU	VE3LC	VA2EEK	VE3YDK	VE3LC
VE3KAE	VE3NA	VE3NA	VA3ORL	VE3RXH
VA2EEK	VA3ORL	VE3RXH	VA2EEK	VE3VIG
VA3SPV	VE3HVB	VE3LBU	VE3LBU	VE3LBU
VE3ZZU	VA2EEK	VE3ZZU	VE3NA	VE3ZZU
VE3RUU	VE3KAE	VE3SIN	VE3ZZU	VA3ZZW
VE3HHS	VE3BOE	VA3ORL	VE3GIQ	VE3QSO
KN4IAB/VE3	VA3SPV	VE3EKN	VE3RXH	VE3KAE
VE3NA	VE3ZZU		VE2KOI	VE3NA
VE3RXH	VE3KTN		VA3ZZW	VE3GIQ
VE3RMJ	VA3AOD		VA3BIT	VE3RUU
VA3ORL	VE3LBU		VE3BOE	VA3AOD
VE3GIQ	VE3VIG		VE3KAE	VE2OCQ
VE3OKD	VE3OKD		VE2BJZ	VA3VGH
VE3EKN	VE3EKN		VE3VIG	VE3OKD
			VE3EKN	VE3EKN

OVMRC POT HOLE NET – Check-ins last month

3760 kHz SSB Sunday mornings at 10 am local

April 29	May 6	May 13	May 20	May 27
VE3CIJ/M	VE3BF	VA3ZTF	VE3LC	VE3LC
VE2HOG	VE3EKN	VE3KTN	VE3EKN	VE3EKN
VE3EJJ	VE3NA	VE3LC	VE3KTN	KN4IAB/VE3
VE3LC	VA3PCJ	VE3BF	VE3NPO	VE3EJJ
VE3BF	VE3KTN	VE3NA	VA3PCJ	VE3XRA
VE3KTN	VE3EJJ	VE3XRA	VE3EJJ	
VE3EKN		VE3EKN		
VE3HHS				
VE3BOE				
VE3NA				
VA3BGO				
VA3PCJ/P				
VE3XRA				

Canada Wide Science Fair and STEM Expo – Amateur Radio on Display

Carleton University this year hosted the Canada Wide Science Fair and STEM (Science-Technology-Engineering-Math) Expo. This is a national, annual, science project competition for students in grades 7 to 12. Last year it was in Regina. Radio Amateurs of Canada took the lead and secured a booth at a cost of \$500 to promote amateur radio to young students. RAC along with many other companies and organizations promoted their scientific interests and endeavours to thousands of young student competitors and visitors as well as adult supervisors over the 3 day

event May 16-18. Several local amateurs attended at the RAC booth to show and tell about amateur radio. Barry, VE3NA and I were on hand throughout the event. Others also helping at the booth were Luc Pernot, VE3JGL, Barrie Crampton, VE3BSB and for setup, Glenn MacDonell, VE3XRA.

We had on display the video produced by the RSGB that focused on youth participation in amateur radio. We also showed material on tracking the C3 Expedition on its voyage crossing the Northwest Passage using an amateur radio WSPR beacon installed on the ship. As well, we showed various QRP radios along with a TS 2000 transceiver. We also displayed charts showing the

range of amateur radio spectrum available to radio amateurs for communications and experimentation.

Of particular interest to the young folks was playing with Morse code using an electronic keyer and paddles. Within a few minutes, many of the students that dropped by the booth were sending near perfect code.

Of course we promoted the OVMRC and provided our pamphlet about Amateur Radio, Club activities and our amateur radio course. Hopefully, from the promotion booth, we will get some young students to register for the OVMRC course this September.

- de Norm, VE3LC



Setting up the Display: Barry VE3NA, Luc VE3JGL, Norm VE3LC, Glenn VE3XRA and Barrie VE3BSB



Norm VE3LC seems to have an attentive young audience.

Field Day 2018 -- Are we ready?

Well ready or not, Field Day for the Ottawa Valley Mobile Club be will happen in grand style on the grounds of the Aviation and Space Museum. It will all come together, we guarantee it!

So far we can report:

- The site at the Aviation and Space Museum has been reserved.
 - Marc, VE3BOE will be providing his 28' enclosed trailer c/w tables and chairs; it can accommodate 3 operating positions.
 - Peter, VE3XEM will be bringing out his travel trailer for over-night sleeping and bio break facilities.
 - Tom, VA3LJS will be in charge of food provisioning, BBQ, and keeping us nourished.
 - Frank, VE2KOI will be in charge of providing, setting up and coaching the GOTA station with help from Rob, VE3RXH.
 - Barry, VE3NA will be responsible for the solar power for bonus points.
 - Gas generators are available from Peter, VE3XEM and Norm, VE3LC.
 - Towers and beam antennas will be set up from existing FD kit which includes a 30' tower and mast for a 3 element TA-33, 10-15-20 metre beam and 5 element, 6 metre beam.
 - Coaxial Antenna Cables and Power Cables will be the responsibility of Norm, VE3LC.
 - Field Day log keeping with use the N3FJP contest logging software.
 - Over-The-Air Field Day NTS message to the RAC Section Manager Bonus points will be the responsibility of Norm VE3LC using local WinLink amateur radio e-mail service.
 - Safety Check-list for site for bonus points will be the responsibility of Nicole, VE3GIQ.
 - Wire antennas for 160, 80 and 40 metres using Club's two new 43' antenna mast will be the responsibility of Norm VE3LC.
 - Setting up the CW HF Station will be the responsibility of Norm, VE3LC using the Club's TS590S.
 - Ric VE3XL has agreed to be the overnight CW operator. More good CW ops will be sought.
 - The 6 metre station will be the responsibility of Norm, VE3LC.
 - Peter, VE3XEM and Barry, VE3NA will be responsible for setting up the SSB station.
 - The Field Day results submission to the ARRL will be the responsibility of Norm, VE3LC.
 - John, VA3JYK is requesting a visitation at the FD site by an elected official for Bonus Points.
 - We are looking for someone to be in charge of an "Educational Demonstration" at the FD site for additional bonus points.
 - Darin, VE3OIJ will be responsible for generating the "Social Media" for Bonus Points.
 - We are looking for someone to be responsible for arranging conventional media coverage of the event.
 - We are looking for some to be responsible for copying the ARRL Field Day message for bonus points.
 - We are looking for someone to be responsible for a Satellite contact for bonus points, a TS 2000 and Sat antenna system is available.
 - We are looking for some to be responsible for inviting an official of the Canadian Red Cross to visit the site for bonus points.
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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
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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>
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