

# Rambler

Newsletter of the  
Ottawa Valley Mobile  
Radio Club  
Incorporated



Dec 2015

Edition 60

Page: 1

## President's Ramblings

December is the month of giving and receiving, and I hope your wish list of new radio equipment is well fulfilled even if you have to buy it and give it to yourself. This applies most to the students in the OVMRC amateur radio course that should have a nice new and crisp Certificate of Proficiency in Amateur Radio and Call Sign freshly minted and gift wrapped by Industry Canada.

As you recall, our October meeting featured club member Bryan Rawlings, VE3QN giving a talk on "Regulating Radio" on the International scene. This was just before Bryan was off to the World Radiocommunication Conference in Geneva Switzerland. Bryan has returned and he is very happy to report "mission accomplished". The outcome of WRC 2015, Agenda item 1.4 is yet another international radio allocation for the amateur service and the first new HF amateur band since 1979. This was only achieved after marathon negotiations and compromise between the various National delegations; most of which had gone into the conference with the position "no change" (including the USA) meaning no 5 MHz band allocation for the amateur service. Canada and Industry Canada had always supported a new 5 MHz allocation throughout the process.

Russia finally posed no continued opposition accepting a 15 watt EIRP power limitation within 6,000 km of their borders which includes Canada and the USA. Mexico being outside this range will be allowed 20 watts EIRP. The amateur allocation is a mere 15 kHz between 5351.5 to 5366.5 kHz with secondary status to incumbent primary status users. It should be noted this allocation encompasses our existing spot 60 metre frequency of 5358.5 kHz (channel 3) where we are allowed, at the present time, 100 watts ERP. It remains to be seen how this will be reconciled by Industry Canada when it is authorized domestically to the amateur service within the next couple of years. In any event, thanks to Bryan for his dedicated pro bono work on this project and his fine and friendly multilingual negotiating skills that we are sure, were very much an asset in realizing the successful outcome of this Agenda item.

To help fund this important work, OVMRC members voted yes to a motion at our November meeting to increase this year's budget to allow an increase for donations; this includes the Defense of Amateur Radio Fund (DARF) administered by RAC. DARF is a trust fund exclusively for the purpose financing travel and expenses of a Canadian amateur radio delegate to the World (Continued on [page 3](#))

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### Meeting Date

#### Club Meeting

**Dinner Gathering :**

**December 17<sup>th</sup>**  
**Thursday**

**Louis Steak House**

Reservations:

Sandy Haggart at [VE3HAZ@rac.ca](mailto:VE3HAZ@rac.ca)

**OVMRC Executive****2013-2014****Officers****President:** Norm Rashleigh, VE3LC  
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*For information about the duties and responsibilities of the Executive, 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****Ottawa, ON K1G 5K9****[www.ovmrc.on.ca](http://www.ovmrc.on.ca)**

(Continued from [page 1](#))

Radiocommunication Conference and preparatory meetings; the next WRC will be in 2019 where there will be several defence of amateur radio spectrum items on the agenda. Another portion of our donation budget will be sent to the CNIB amateur radio program while another portion will be sent to the Radio Amateurs of Canada Foundation to provide benefits and scholarships to the community. See [wp.rac.ca/grant-information/](http://wp.rac.ca/grant-information/)

OVMRC life member, Ralph Cameron, VE3BBM, provided a very interesting and photo rich presentation at the November meeting on the history of the radio communications network between the Diefenbunker and other associated ultra secret Cold War facilities operated by the military in Canada. The presentation by Ralph was based on a lot of personal research contacting many of the folks that worked at the Diefenbunker and other sites during the era; some of the folks were still reluctant to talk about their experiences worrying the information was still classified. Ralph now volunteers at the Diefenbunker Museum in Carp where an amateur radio station is established. You can meet Ralph and other west end hams that volunteer at the Diefenbunker most Tuesdays evenings.

There will be no regular meeting for December; instead, Sandy, VE3HAZ is organizing a holiday season dinner gathering at Louis Steakhouse on Cyrville Road, Thursday December 17. Contact Sandy if you intend to attend ([ve3haz@rac.ca](mailto:ve3haz@rac.ca)). The dinner is open to all OVMRC members,

family and friends. For the Wednesday, January 20<sup>th</sup> meeting, club member and QRP enthusiast, Jose Campione, VA3PCJ, will be giving a presentation about his adventures entitled "QRP/P Water-Locked; Island & Afloat". From Jose's title, we are not sure what his presentation is all about, but we are sure from his past talks to the club, it should be very entertaining. Also, for the January meeting, I plan to give a brief presentation about the Radio Advisory Board of Canada (RABC) of which Radio Amateurs of Canada is a member organization. Indeed, the Canadian Division of the ARRL was a founding member of the RABC organization back in 1944 when it was first known as the Canadian Radio Technical Planning Board.

I am happy to report there is continuing interest from folks wanting to join the OVMRC amateur radio course. I am sure if I started another Basic Radio course, I could fill a class room. Unfortunately, I will not be starting another course until next September. However, for those coming forward, I am encouraging them to join the club and attend regular meetings for the rest of the season. With membership in the OVMRC, I will provide newcomers with our course material for self study if they are anxious to get their ham ticket. Arrangements can be made with me at any time to take the exam. I am also going to prepare study modules for the Advanced exam for any club member that wants to advance to the final level of qualification.

At the last executive meeting, we discussed the agenda for the New Year. When the spring comes, we

discussed organizing a club Saturday gathering at Petrie Island. This could be a family picnic affair and transmitter hunt. We have available a couple 2 metre low power transmitters we can hide in trees along the nature trails of Petrie Island with the object to find them using home brew directional antennas and other techniques. A club meeting could be devoted to describing the event and equipment and techniques to use. For another meeting, we are preparing a workshop on setting up Winlink for amateur radio email service, something to have in your tool kit of amateur radio applications in case you have Internet failure by conventional means. More on all this later.

If there is anything else you wish to see your club engage in, let me know. [VE3LC@rac.ca](mailto:VE3LC@rac.ca)

And, for you Twitter followers, tune in on the existing @VE3JW twitter feed. We intend to use this in the future to post OVMRC meetings reminders and upcoming events.

73

Norm Rashleigh, VE3LC  
OVMRC President

Merry Christmas

## December/January/February Contest Calendar

The main contests for December/January/February are:

Dec 12/13 - ARRL 10 Metre Contest

[www.arrl.org/10-meter](http://www.arrl.org/10-meter)

Dec 19 - RAC Winter Contest

[wp.rac.ca/wp-content/uploads/2015/07/2015-Winter-Contest-Rules-English-French.pdf](http://wp.rac.ca/wp-content/uploads/2015/07/2015-Winter-Contest-Rules-English-French.pdf)

Jan 2/3 - ARRL RTTY Roundup

[www.arrl.org/rtty-roundup](http://www.arrl.org/rtty-roundup)

Jan 9/10 - North America QSO Party, CW

[www.ncjweb.com/NAQP-Rules.pdf](http://www.ncjweb.com/NAQP-Rules.pdf)

Jan 30/Feb 1 - ARRL January VHF Contest

[www.arrl.org/january-vhf](http://www.arrl.org/january-vhf)

Feb 13/14 CQ WW RTTY WPX Contest

[www.cqwxrtty.com/rules.htm](http://www.cqwxrtty.com/rules.htm)

North American QSO Party, RTTY

[www.ncjweb.com/NAQP-Rules.pdf](http://www.ncjweb.com/NAQP-Rules.pdf)

All other contests, goto:

[www.hornucopia.com/contestcal/contestcal.html](http://www.hornucopia.com/contestcal/contestcal.html)

## Regular Meeting Schedule Changed, See schedule below

With the greater turnout of our regular meetings, we have had to change the meeting night in order to be use the "Bush Theatre" at the Canadian Aviation and Space Museum. The "Bush Theatre" will accommodate up to 45 persons with comfortable seating and provides good AV connection to the computer. Except for the October meeting, the **Regular Club meetings will be on the 3rd Wednesday each month**; there will be no meeting in December. However, because of another schedule conflict at the Museum, our **October 22<sup>nd</sup> meeting will be on the 4<sup>th</sup> Thursday of the of the month**. The formal proceeding of the meeting will commence at 7:30 pm in the Bush Theatre; arrive by 7 pm for meet and greet. Refer to the following schedule for dates of

## Announcement from The Contest Club of Ontario To all Contesters and DX'ers in Eastern Ontario

### Invitation to a Winter Gathering

**Date:** Saturday, January 23, 2016

**Time:** Sign-in at 11:30 am followed by a light lunch

**Cost:** \$20

**Place:** St. Paul's Presbyterian Church, 971 Woodroffe Ave., Ottawa

Interested in Attending: Contact Bob MacKenzie, [VA3RKM@rac.ca](mailto:VA3RKM@rac.ca)

#### Program:

- Vlad Milutinovic, VE3JM will be the main speaker on the "Challenge of Building a Contest Station east of Ottawa"
- Also Update on WRC 2015

each monthly meeting for the remainder of the season, note any special notes.

- **Wednesday**, January 20  
**Island QRP Adventures**  
by Jose Campione, VA3PCJ  
also  
**Radio Advisory Board of Canada**  
**Importance to Amateur Radio**  
by Norm Rashleigh, VE3LC
- Wednesday, February 17
- Wednesday, March 16
- Wednesday, April 20
- Wednesday, May 18
- Wednesday, June 15 (*this is our Annual General Meeting*)

# Amateur Allocation at 5 MHz. Done!

(This was the title of Bryan Rawlings, VE3QN, email message on November 18 from Geneva: the text of which follows)

At the Sixth Plenary of WRC-15 held this afternoon (Geneva time) the proposal for a new secondary allocation to amateur radio at 5 MHz passed both 1st and 2nd readings.

This effectively ends the four-year trek to bring Agenda Item 1.4 to fruition. The changes to the Radio Regulations authorizing the new band will appear in the WRC-15 Final Acts which will be available provisionally at the end of next week and in a formal document some weeks later. The changes are

tentatively expected to be effective 1 January 2017. Of course, in Canada, Industry Canada must still follow their processes - likely to include a public consultation - before authorizing Canadian amateurs to use the new band.

The new allocation is for 15 kHz between 5351.5 and 5366.5 kHz and - for Canada - a power limit of 15 watts e.i.r.p. would apply.

The smaller-than-hoped size of this allocation, the unusual band edges and the modest power limit reflect the painful compromises that over twenty hours of stressful negotiations resulted in. It is worth reflecting that with both the U.S. and Russia committed to "no change" along with a couple of dozen more countries the outcome defied the odds.

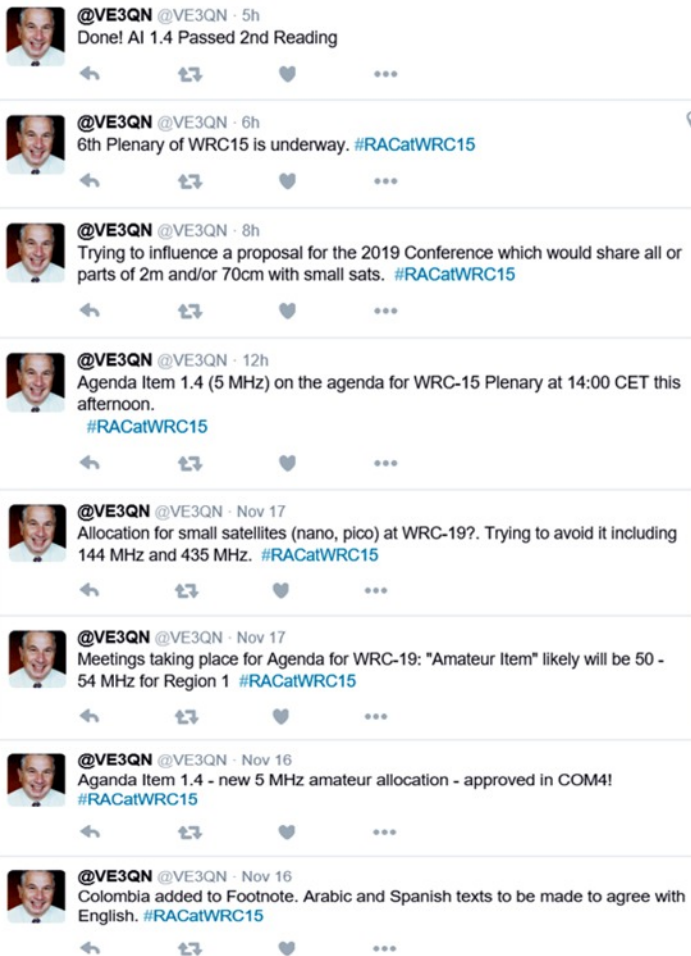
There will be an article in the next issue of TCA in both languages and you are free to use any of the foregoing in communicating generally and with the members.

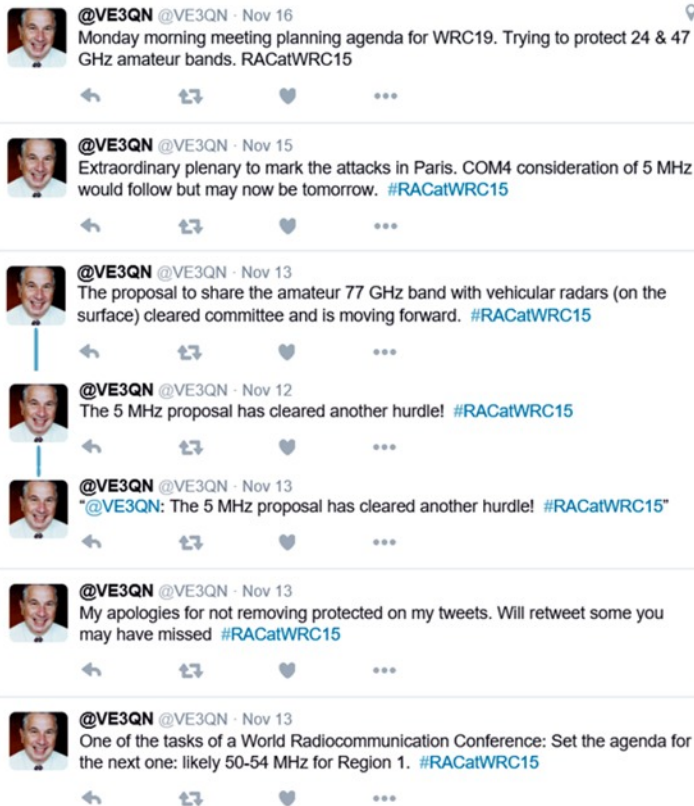
I will continue to post to Facebook and Twitter under the Hashtag #RACatWRC15.

The day started cloudy here in Geneva but - perhaps because of our good news - Geneva is now bathed in sunshine!

73,  
Bryan

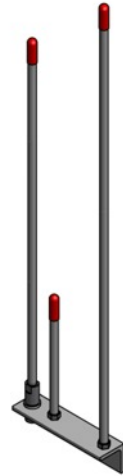
(Attached following are some of Bryan's tweets in reverse chronological order reflecting the process while in Geneva at WRC 2015.)





## Club Project: "J" Pole 2 mtr/70 cm dual band antenna

The club is taking names for a "kit" to build a VHF/UHF dual band "J" Pole antenna shown above. The cost will be \$25 payable to the Club at the January 20 meeting to confirm the order. The prepared kit materials should be provided at the February meeting. Contact Barry Allison, [ve3njk@rac.ca](mailto:ve3njk@rac.ca) to sign up for the project.



## Reminder of OVMRC Weekly Nets:

- **OVMRC VE3TWO Net**, 147.300 +, weekly Wednesdays at 8 pm, but not on OVMRC meeting night.
- **OVMRC Pot Hole Net**, 3760 kHz, weekly, Sunday at 10 am

Also,

- **Rubber Boot Net**, VE3MPC, 147.150 +, weekday mornings at 7:30 am
- **Phoenix Net**, VE3MPC, 147.150 +, weekly Tuesdays 8 pm

## Technical information:

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

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

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

**See:**  
[groups.yahoo.com/group/ov-qrp/](http://groups.yahoo.com/group/ov-qrp/) for details or email [va3ovq@qsl.net](mailto:va3ovq@qsl.net).

**Rideau Lakes Amateur Radio Club (RLARC)**  
[ve3rlr.dyndns.org/](http://ve3rlr.dyndns.org/)

**West Carleton Amateur Radio Club**  
[www.wcarc.on.ca](http://www.wcarc.on.ca)

**VE3ORF/3730 Group**  
[www.ve3orf.com/](http://www.ve3orf.com/)

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

## 2015-2016 Meeting Dates

7:30 - 9:30 P.M.

**Wednesday** January 20

**Wednesday** February 17

**Wednesday** March 16

**Wednesday** April 20

**Wednesday** May 18

**Wednesday** Jun 15

We need your participation.

## 2015-2016 Rambler Deadlines

**January 06**

**February 03**

**March 02**

**April 06**

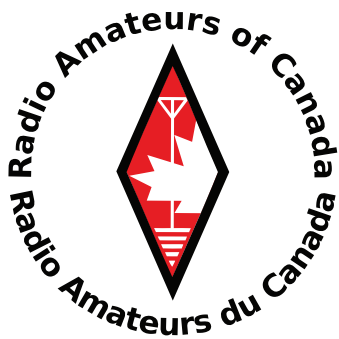
**May 04**

**Jun 01**

Submit articles to the editor or by e-mail to:

[Robert Cherry, VA3AOD](mailto:Robert.Cherry@VA3AOD.cw527@ncf.ca)  
[cw527@ncf.ca](mailto:cw527@ncf.ca).

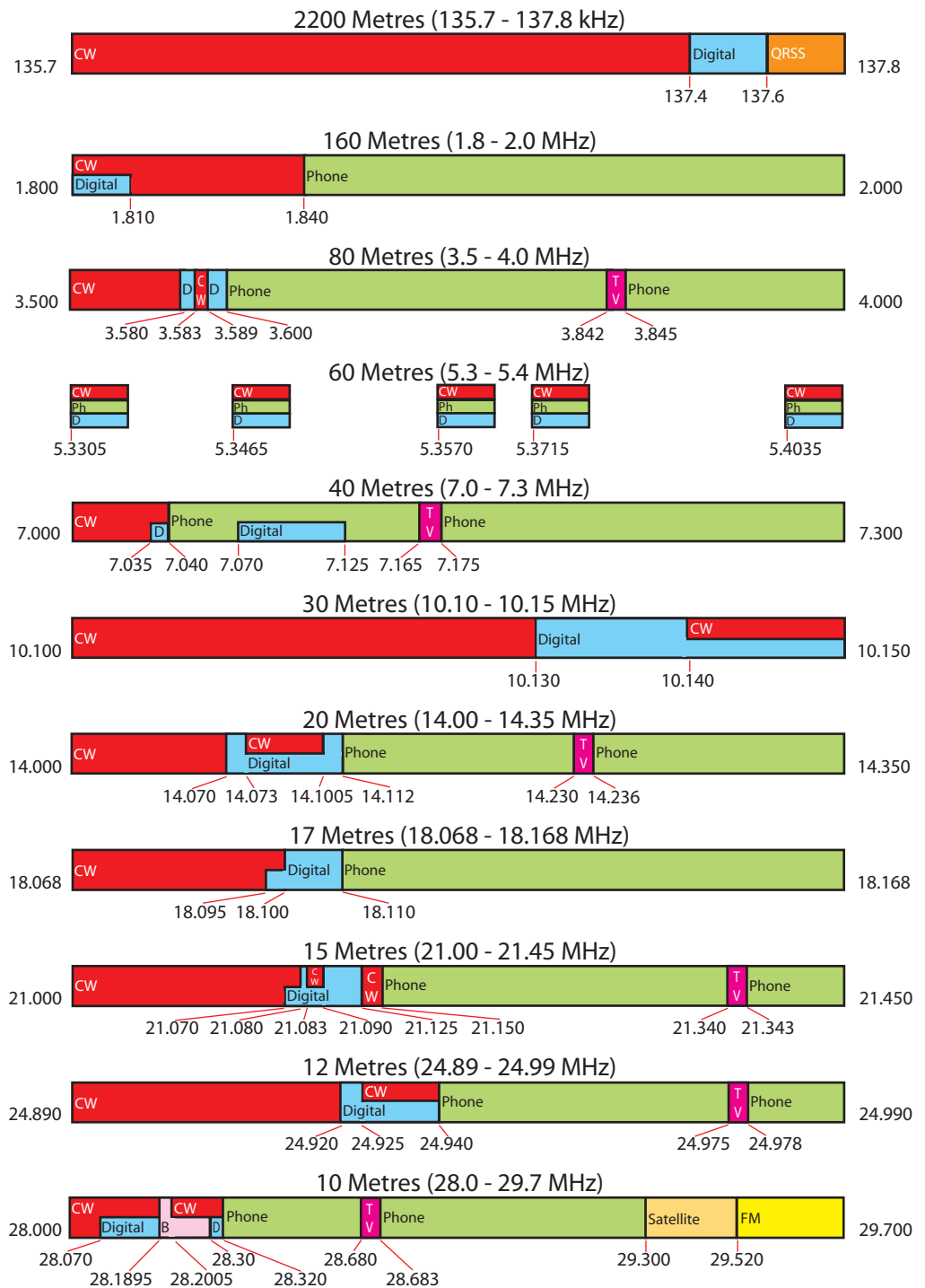




# Canadian 0 - 30MHz Band Plan

Effective Date:  
December 1, 2015

1. This is a simplified version of the official RAC Band Plan. Not all permissible modes/activities are represented.
2. LSB is used on 160, 80 and 40m.
3. Consult various online resources for detailed information on what digital modes are used.
4. Maximum bandwidth permitted on 2200m is 100 Hz. Maximum power is 1 Watt EIRP.
5. Refer to the IC and RAC websites for full details before operating on the new 60m channels.
6. Remember not to allow your signal to spill over into adjoining band segments when operating close to the edges. During major weekend contests, activity in certain modes can spill over into other segments. Operators should avoid NCDXF beacons on 14.100, 18.110, 21.150, 24.930 and 28.200 MHz.
7. This graphic is a living document and will be reviewed and updated periodically to reflect changes in the band plans and operating habits.



www.rac.ca

Key		
CW	FM	SSTV
CW QRSS	Beacons	Digital
Phone	Satellite	



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

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