

Ottawa Amateur Radio Club

# Groundwave

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Check out our Web Page: [www.oarc.net](http://www.oarc.net)

November 2009

November 6 is the last date for the Joe Norton Award submissions. See the notice on page 6.

Some interesting history from George Roach starts on page 7. It is a list of the OARC executive members from 1933 to 1972. 1973 to the present will be in next month's Groundwave.

Remember to send in your membership renewal if you have not already done so.

The speaker for November is Doug Leach, VE3XK. He will be speaking about the West Carleton Club's Weak Signal VHF-UHF Propagation Beacons.

See you at the meeting.

Ian Jeffrey, VE3IGJ  
Editor



**November Meeting 7:30 pm, Wednesday, November 11th  
in the Colonel By Room at Ottawa City Hall**

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Ottawa Amateur Radio Club

# Groundwave

*Articles may be submitted for use in this publication provided that they portray events or activities that promote Amateur Radio. Letters and comments are also welcome. Submissions may be made by mail addressed to the Editor care of the OARC, or by e-mail to "ve3igj@rac.ca". Deadline for submissions occurs three days after the regular monthly meeting of the OARC.*

*Please support your local radio organisations. They support you!*

## Club Information

**The Ottawa Amateur Radio Club Inc.** is an association of Radio Amateurs devoted to the promotion of interest in Amateur Radio communications in the National Capital Area and to the advancement and achievement of club members.

**Regular Meetings of the OARC Inc.** are held on the second Wednesday of each month (except July and August) in the Honeywell Room which is on the second floor of Ottawa City Hall, formerly Regional Municipality of Ottawa Carleton Headquarters, on Lisgar Street. Meetings commence at approximately 19:30 hours. Further details about each meeting is elsewhere in this publication.

**Executive Meetings of the OARC Inc.** are normally held on the first Wednesday of each month at 19:30 hours. Contact the President to confirm the date, time and place of the next meeting.

**The CAPITAL CITY FM Net** meets every Monday (except some holidays) at 20:00 hours on the club repeater **VE2CRA 146.940(-)** to pass traffic and to make announcements of interest to Amateurs in the National Capital Region.

**The SWAP Net** is a service provided and conducted by Ed Seib, VA3ES. This feature appears on the Capital City FM Net. To list items and make inquiries, got to <http://www.ncswapnet.ca>. You may reach Ed at 613-738 8924 or e-mail him at [va3es@rac.ca](mailto:va3es@rac.ca).

**The POT-HOLE Net** is a SSB/HF net sponsored by the Ottawa Valley Mobile Radio Club and is conducted every Sunday at 10:00 hours on **3.760 MHz**. All amateurs are welcome to check in.

**The POT-LID CW Net** is an informal slow-speed CW net sponsored and conducted by Ed Morgan, VE3GX, and meets every Sunday, except during July and August, at 11:00 hours on **3.620 MHz**, to promote interest in CW and CW procedures.

**The QCWA CHAPTER 70 Net** meets every Monday evening at 19:30 hours on repeater **VE3TEL 147.030(-)**. You do not have to be a QCWA member to participate.

**The Ottawa Valley VHF/UHF SSB Net** is sponsored by the West Carleton ARC. Look for it every Tuesday night (except the first Tuesday of the month) around 21:00 on **144.250**, (roll calls after net on 50.150, 432.150, 222.150, and 1296.100.) Horizontal polarization is preferred.

*The Ottawa Amateur Radio Club bulletin "Groundwave" is published and distributed to club members by mail. Publication dates may vary but it is hoped that the bulletin arrives at its destination before the events listed in it have expired. The bulletin is not published for July and August when meetings do not occur. Every effort is made to provide accurate information in the bulletin, however we are all human and mistakes can be made. The OARC accepts no responsibility for any damages that may result from this. The opinions expressed in this bulletin are those of the author.*

Voice (VHF) 146.94/146.34 100Hz CTCSS required  
 (UHF) 443.300/448.300

VE3TVA Amateur Fast Scan Television Repeater  
 Video/audio beacon & input 439.25 MHz (audio sub. 443.75)  
 Video/Audio output 914 MHz (FM)

IRLP Node 2040 146.94/146.34 (VE2CRA/VE3RC)  
 (Code 411 for info) (Code 204 for activity)  
 (Code 88 for time)

For further information please contact the Repeater Chair.

Note: The IRLP link is not connected to ECHOLINK. Please do not try to connect using the alpha keys on your keypad. It just confuses the operator.

Note: The IRLP link is disabled during the Capital City Net each Monday. It is disabled from 2000 to 2145 Mondays except for May to August when the link is disabled from 2000 to 2020.

### **VE3TEN**

Tuning in the beacon so that it makes sense requires you tune to **28.175** on CW and read the tone that is there . The spaces between the elements are the higher tone. If that doesn't work, tune to **28.175.28** on lower sideband for better results.



## Dates to Remember

### October Minutes

The meeting opened at 19:30 with 42 members present. The details on Bill 108 have finally been issued and amateur radio operators have a three year grace period before compliance with the new bill.

There was a 10% increase in paid attendance at the Hamfest. It did not appear that the change in date had a detrimental effect.

The club is planning a tour of the Market Mall radio studios later this fall.

Dave Conn presented three possibilities for the club project: a dummy load, dummy load with power meter, and with computer control. A decision on whether to participate is needed by the November meeting. Other possibilities could be the Softrock Lite SDR receiver and small direction finding antennas.

Davis Harris gave a demonstration of his budget 2m portable station.

The evening's speaker was Bob Baillargeon, VE3MPG, who spoke on cochlear implants and how it got him back into amateur radio.

George Roach, VE3BNO, won the 50/50 draw of \$20.50.

The meeting adjourned at 21:30.

After months of negotiations between RAC and Industry Canada over the details of the licence applications and reporting conditions, the first two licences granted to Canadians for experiments at 504 – 509 kHz in preparation for WRC-12 have been issued by Industry Canada (see



#### 2009

- Sep. 12 Hamfest
- Sep. 30 Membership Renewal Deadline
- Nov. 6 Joe Norton Award Subm. Due
- Dec. 19 RAC Winter Contest

#### 2010

- Feb. 13, 14 Canada Ski Marathon
- Apr. 14 Homebrew Night
- Jun. 9 OARC AGM and Elections
- Jun. 26, 27 Field Day
- Jul. 1 RAC Canada Day Contest

RAC Bulletin 2008-29).

Jack Leahy, VE1ZZ, has been assigned call sign VX9PSO in the Developmental Service for his experimental transmissions. Joe Craig, VO1NA, has been assigned call sign VX9MRC. Both of these stations have been on the air already, with VX9PSO having been reported at 504.6 kHz and VX9MRC at 507.77 kHz. Signal reports can be addressed to the operators at their call book addresses.

Two more authorizations, in Ontario and British Columbia, are expected soon.

Richard Ferch, VE3KI  
Vice President, Regulatory Affairs - Radio Amateurs of Canada

Bill 118 came into effect October 26. More details here.

<http://news.ontario.ca/mto/en/2009/09/ontarios-new-rules-for-hand-held-wireless-and-entertainment-devices.html>

73, Dave

,VE3TLY President OARC



## mk's Words

Picture yourself where I was today. I think you'll like it there...

A sunny calm October day. A real rarity. Maybe one last chance to go out and play radio in the great outdoors (as opposed to the not-so-great outdoors in November).

Out and set up with a minimum of fuss and lost time. I must be getting the hang of hanging wires in trees. Switch on the rig and... Wow. 20 metres sounds like - well, like 20 metres used to sound back when we had an ionosphere. Europe is coming in like it's a contest weekend, only it's the middle of the week. We go up and down the band swapping signal reports up and down Europe, from Denmark to Italy and back. Not so crowded that you can't find room to call CQ if you want, but still busy. QRM, QRN, QSB?, not today. Time for a change of pace, and I start to rag chew with a W6 in Santa Barbara. He has a wonder station, Flex 5k, big amp and step-IR yagi. We are yakking along for a while when he goes key down for a few seconds and then off the air. After a few minutes, after a few calls, he comes back as strong as ever, saying his 1.2kw got into the computer and locked it up. He had to re-boot to get back on the air. Somehow, I don't have much sympathy, but we continue after he throttles back to a mere 500w. (Of course, I'm using 5w and a wire in the trees, but it's all just a different dialect of Fun.)

After we sign, I drop in on 40 to see what's happening. Not too much. I guess everybody is up on 20 or higher checking out the action. Just before I decide to join them back up there I hear the tail end of someone calling CQ. This time he is a W2 in New Jersey. Nobody's idea of DX, but I'm looking for a rag chew instead of a report and 73 QSO. We spend a half hour yakking about antennas, portable ops and kidding each other about the weather before it's time to say goodbye.

It's been a really golden bit of operating. The kind I think about when there's nothing on the air but nets full of people moaning about their problems. If it is the last

portable operation of they year, at least it is a good memory to hang on to. Best of all, it really happened. Ask Dave, VE3KL, since he was there playing along as well.

Back indoors..

The OARC Projects (plural this time) seem to be taking off once again. I expect Tyler and Diane have something in this issue about the Soft Rock project. KL and TLY are well along with the dummy load/ attenuator/ wattmeter project. (We need a fancier name for the thing) I'll have a sign up sheet for that at the November meeting, bring your deposit (\$10) with you. I was wondering if I should play this time, since I already have a terminating wattmeter that goes to UHF. Then I thought about the attenuator part of the project. It is just the thing to knock down the power for a transverter, and it will find use around here connected between the rig and the spectrum analyzer. I have a hunch that it will be like my glue gun or my Dremel tool. In both cases, before I had one I wondered why I would ever need one. Then once I had one I wondered why I didn't get one WAY sooner.

That's it from here for this month (I've used up my quota of parentheses.

73..  
mk  
VE3FFK

## DXing Top Band From a City Lot

Some of you might think that this title is self-contradictory. Surely, you say, Top Band (160) is good only for local rag-chewing and, in any case, is much too noisy for anything else.

I'd like to persuade you not to dismiss 160 as a DX band. Did you know that some dozens of amateurs have confirmed over 300 DXCC entities and many more have confirmed all 40 CQ zones on that band? Jack, VE1ZZ, is one of these special people. Admittedly, these operators are not just using a few watts to a random piece of wire. The top people use maximum legal power and have plenty of real estate populated by big antenna arrays. But that doesn't mean that ordinary people with ordinary stations can't work their share of DX on top band.

It must be said that it is a lot easier to work DX on 160 if you use CW rather than SSB. It is possible to work DX on phone, but that's the harder way to do it.

If you live on a typical city lot and have a 100 watt transceiver and don't mind staying up late at night or getting up before sunrise then it is not impossible for you to earn DXCC on 160. The biggest hurdle you face is erecting a decent antenna. On 160 a half-wave dipole would be about 270 feet long (80 metres or so). That would be tight fit on most city lots although a loaded dipole would be shorter and would work. The trouble with dipoles on top band is that they will almost certainly be very low in terms of wavelengths. If a dipole is up about 50 feet, that's only about a fifth of a wavelength. Such an antenna would be a good cloud-warmer but, even so, it would still be possible to work some DX with it.

A better solution for a city lot is an inverted L antenna. A nice big tree on your lot would be a great help. Otherwise a tower would have to be used. If you can arrange an antenna about 140 feet total length (a little more than a quarter-wave) with a more-or-less vertical section of about 50 to 60 feet and the rest either horizontal or sloping down to your house, then you have a usable antenna for 160. You will have to have some

kind of ground system consisting of wires radiating out in as many directions as possible from the base of the inverted L. These wires ideally should be a quarter-wave long, but shorter ones are acceptable. The more the better. They can be buried in lawns, flower gardens, and so on. This antenna could be fed with 50 ohm coax between the base and the ground system. With an antenna about 140 feet long you should feed it through a variable capacitor located at the base. The capacitor is adjusted so as to get a tolerable SWR.

This kind of antenna, with a transmitter power of 100 watts, won't enable you to break pile-ups for the rare DX. But it should make it possible for you to work, quite easily, Europeans such as G, F, DL, EI, PA, ON etc. and several Caribbean countries.

Many top band enthusiasts use separate receiving antennas such as Beverages, K9AY loops, penants and the like. These certainly help to bring the DX signals out of the noise but they require space and may not be possible for you. They are not essential. The inverted L will receive DX signals though not as effectively as a separate receiving antenna.

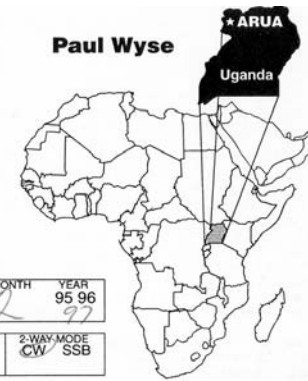
A set-up as I have described will work for DXing on 160 and, with a bit of patience, you could probably get your DXCC on 160 within a few years. From September to April is the best time for DX on 160 but it is possible to have DX QSOs throughout the year.

Here are two examples of DX worked with 100 watts from an Ottawa city lot:

# 5X4F

P.O. Box 415  
Arua, Uganda

**Paul Wyse**



CONFIRMING QSO WITH			DAY	MONTH	YEAR
VE3OSZ			10	2	95 96
UTC	MHz	RST	2-WAY-MODE		
0414	(1.8 3.5 7 10 14 21 24 28)	59 599 559	CW SSB		

K3SW QSL Manager *QR*      A W4MPY QSL      Serving with Wycliffe Bible Translators

(Continued on page 9)



## Joe Norton Award Announcement

The Ottawa Amateur Radio Club Inc. annually awards the Joe Norton Trust Award for the advancement of amateur radio. The amount of this award is \$500 and a wall plaque.

### ELIGIBILITY

To be eligible, a candidate must:

1. Be a resident of the National Capital Region as defined by the official federal government map.
2. Have received a Certificate of Proficiency in radio from Industry Canada during the period June 1, 2007 to June 1, 2009.
3. Send a written submission of no less than 600 words and no more than 900 words to the executive of the Ottawa Amateur Radio Club Inc., setting out his or her interests, achievements and plans to contribute to the advancement of amateur radio.
4. Present him/herself for an interview if so requested by the judges.

### RULES

1. Entries must be received on or before 17:00 local on November 6, 2009. Entries received after that date will be considered.
2. The OARC will send an acknowledgment in writing upon receipt of an application.
3. A panel of judges appointed by the executive of the Ottawa Amateur Radio Club Inc. will evaluate all entries.
4. Finalists may be interviewed by members of the executive of the Ottawa Amateur Radio Club Inc. , the panel of judges, or both.
5. Submissions will not be returned.
6. If the judges do not select a candidate in any year, no award shall be made in that year and the monies

shall return to the trust fund.

7. All decisions of the executive of the Ottawa Amateur Radio Club Inc. are final.

8. The winner will be notified on or before November 20, 2009.

9. The winner will inform the Ottawa Amateur Radio Club Inc. of his or her acceptance of the award no later than November 28, 2009.

10. The award presentation will be made during the regular meeting of the Ottawa Amateur Radio Club Inc. in December.

11. The winner agrees to have his or her name, photograph and address published in club bulletins, trade papers and magazines, and on the airwaves.

### ENTRIES

Send your entry, to be received no later than 17:00 on November 6, 2009.

By mail, to:

Joe Norton Trust Award  
Ottawa Amateur Radio Club Inc.  
Box 8873  
Ottawa, ON  
K1G 3J2

Entries may also be e-mailed, in plain ASCII text only. No word processor formatting, no word processor attachments allowed, to:

[executive@oarc.net](mailto:executive@oarc.net)

Be certain to include your full name, address, call sign, and your e-mail address if you have one, in your submission. Both mail boxes, paper and electronic, will be cleared at 17:00 on the closing date.



## OARC Exec 1933—1972

YEAR	FIRST	LAST	POSITION	CALL
1933	P.Jack.G.	PLUMMER	PRESIDENT	VE2GP
1933	FRED	ALLEN	SECRETARY	VE3SA
1934	P.J.G.	PLUMMER	PRESIDENT	VE2GP
1934	FRED	ALLEN	SECRETARY	VE3SA
1935	DR. L.S.	RUSSELL	PRESIDENT	VE3PL
1935	MALCOM	THOMSON	VICE-PRES.	VE3MA
1935	GORDON	NIXON	TECH. ADVISOR	VE3ABH
1936	"DOC" L.S.	RUSSELL	PRESIDENT	VE3PL
1936	GERALD	HARBOTTLE	VICE-PRES.	VE3AGU
1936	A.F."TED"	HAMER	SECRETARY	VE3LI
1936	A.F."TED"	HAMER	TREASURER	VE3LI
1936	GORDON	NIXON	TECH. ADVISOR	VE3ABH
1938,9	RALPH	BUNT	PRESIDENT	VE3MX
1938,9	VERNE	McCOURT	VICE-PRES.	VE3PY
1938,9	BANNER	EDWARDS	SECRETARY	VE3PD
1938,9	BANNER	EDWARDS	TREASURER	VE3PD
1938,9	GORDON	NIXON	TECH. ADVISOR	VE3ABH
1939,0	GORDON E	HARAM	PRESIDENT	VE3AJB
1939,0	DOC	PLUMBER	VICE-PRES.	VE2GP
1939,0	BILL	MANSON	SECRETARY	VE3YK
1939,0	BILL	MANSON	TREASURER	VE3YK
1939,0	RALPH	BUNT	TECH. ADVISOR	VE3MX
1939,0	GORDON E	HARAM	PRESIDENT	VE3AJB
1940,1	VERNE	McCOURT	PRESIDENT	VE3PY
1940,1	GORDON E	HARAM	VICE-PRES.	VE3AJB
1940,1	BILL	MANSON	SECRETARY	VE3YK
1940,1	BILL	MANSON	TREASURER	VE3YK
1940,1	RALPH	BUNT	TECH. ADVISOR	VE3MX
1941,2			NO MEETINGS-WAR	-
1942,3			NO MEETINGS-WAR	-
1943,4			NO MEETINGS-WAR	-
1944,5			NO MEETINGS-WAR	-
1945,6	GORDON E	HARAM	PRESIDENT	VE3AJB
1945,6	JACK	SMITH	VICE-PRES.	VE3BKW
1945,6	LES	NEWTON	SECRETARY	
1945,6	ROY	ADAMS	SECRETARY	VE3AMR
1945,6	TED	HAMER	TREASURER	VE3LI
1945,6	BILL	MANSON	TREASURER	VE3YK
1946,7	RALPH	BUNT	PRESIDENT	VE3MX
1946,7	ERIC	BRADLEY	VICE-PRES.	VE3BBO
1946,7	BOB	ARMSTRONG	SECRETARY	VE3BCN
1946,7	ROY	HOLLAND	TREASURER	VE3TT
1946,7	GENE	LAJOIE	TECH. ADVISOR	VE2RA
1946,7	BRUCE	McCAFFREY	SECRETARY	VE3BAR
1946,7	SID	SHEARD	VICE-PRES.	VE3BCL
1947,8	SID	SHEARD	PRESIDENT	VE3BCL
1947,8	GEORGE	DAVIS	VICE-PRES.	VE3BBW
1947,8	HARRY	HAYES	SECRETARY	VE3BEB

1947,8	TED	HOLLINGSWORTH	TREASURER	VE3PG
1948,9	VIM	HOOD	PRESIDENT	VE3BNA
1948,9	BOB	ARMSTRONG	VICE-PRES.	VE3BCN
1948,9	DOC	VERMANDER	SECRETARY	VE3BOC
1948,9	GERRY	HARBOTTLE	TREASURER	VE3AGU
1948,9	DON	DASHNEY	TECH. ADVISOR	VE3BDY
1949,0	DOC C.F.	VERMANDER	PRESIDENT	VE3BOC
1949,0	ERNIE	TIERNEY	VICE-PRES.	VE3AOX
1949,0	MARC	VERMANDER	SECRETARY	VE3AWW
1949,0	HARRY	HAYES	TREASURER	VE3BEB
1949,0	SID	SHEARD	TECH. ADVISOR	VE3BCL
1950,1	DEAN	HADLEY	PRESIDENT	VE3KH
1950,1	SID	SHEARD	VICE-PRES.	VE3BCL
1950,1	ART	FORD	SECRETARY	VE3AP
1950,1	GORD	GRANT	TREASURER	VE2AM
1950,1	BILL	LAVRENCH	TECH. ADVISOR	VE3CBJ
1950,1	GORD	GRANT	GW EDITOR	VE2AM
1951,2	JIM	SWAIL	PRESIDENT	VE3KF
1951,2	COURTNEY	BROAD	VICE-PRES.	VE3ZB
1951,2	HAL	WALSH	SECRETARY	VE3BFW
1951,2	ALAN	ADAMS	TREASURER	VE3ACS
1951,2	BOB	ARMSTRONG	TECH. ADVISOR	VE3RF
1951,2	GORD	GRANT	GW EDITOR	VE3DY
1952,3	HAL	WALSH	PRESIDENT	VE3BFW
1952,3	STU	GARDINER	VICE-PRES.	VE3CAX
1952,3	WALLY	JOHNSTONE	SECRETARY	VE3LX
1952,3	GORD	GRANT	TREASURER	VE3DY
1952,3	MEAD	WOOD	TECH. ADVISOR	VE3CMW
1952,3	GORD	GRANT	GW EDITOR	VE3DY
1953,4	PHIL	LAPRADE	PRESIDENT	VE3KN
1953,4	WALLY	JOHNSTONE	VICE-PRES.	VE3LX
1953,4	MAILES	DIER	SECRETARY	VE3BCO
1953,4	GORD	GRANT	TREASURER	VE3DY
1953,4	CARL	EPP	TECH. ADVISOR	VE4ABB
1954,5	WALLY	JOHNSTONE	PRESIDENT	VE3LX
1954,5	NORM	JORDON	VICE-PRES.	VE3BR
1954,5	BRIAN	HICK	SECRETARY	VE3BRT
1954,5	DON	CAMERON	TREASURER	VE3BDU
1954,5	JIM	SWAIL	TECH. ADVISOR	VE3KF
1954,5	GORD	GRANT	GW EDITOR	VE3DY
1955,6	HENRY	STOCKWELL	PRESIDENT	VE3BCU
1955,6	MEAD	WOOD	VICE-PRES.	VE3CMW
1955,6	STAN	MOWATT	SECRETARY	VE3AXL
1955,6	NORM	DICKINSON	TREASURER	VE3BXM
1955,6	KEN	PULFER	TECH. ADVISOR	VE3PU
1955,6	GORD	GRANT	GW EDITOR	VE3DY
1956,7	KEN	WILLING	PRESIDENT	VE3CCV
1956,7	FRED	CABLE	VICE-PRES.	VE3BFW
1956,7	BILL	SALISBURY	SECRETARY	VE3ADG
1956,7	HARRY	HAYES	TREASURER	VE3BEB
1956,7	BURT	COY	TECH. ADVISOR	VE3GI
1957,8	FRED	CABLE	PRESIDENT	VE3BFW
1957,8	OSCAR	SANDOZ	VICE-PRES.	VE3CRA
1957,8	JOHN	HART	SECRETARY	VE3CDI
1957,8	KEN	PULFER	TREASURER	VE3PU

(Continued on page 8)



## Military Radiolocation System

(Continued from page 7)

1957,8	BURT COY	TECH. ADVISOR	VE3GI
1958,9	BILL HOLCOMB	PRESIDENT	W9SDP/
1958,9	MEADE WOOD	VICE-PRES.	VE3CMW
1958,9	LOUIS HEBERT	SECRETARY	
1958,9	JERRY WELLS	TREASURER	VE3CDS
1958,9	BURT COY	TECH. ADVISOR	VE3GI
1959,0	HARRY HAYES	PRESIDENT	VE3BEB
1959,0	DAVE GLASLONBURY	VICE-PRES.	VE3CIZ
1959,0	BURT COY	SECRETARY	VE3GI
1959,0	JOHN HART	TECH. ADVISOR	VE3CDI
1959,0	GERRY WELLS	TREASURER	VE3CDS
1960,1	GORD GRANT	PRESIDENT	VE3DY
1960,1	SID SHEARD	VICE-PRES.	VE3BCL
1960,1	JERRY HARBOTTLE	SECRETARY	VE3AGU
1960,1	JOHN LANGFORD	TREASURER	VE3BYD
1960,1	GERRY WELLS	GW EDITOR	VE3CDS
1960,1	JERRY DILLON	ACTIVITIES	VE3AVI
1961,2	GORD GRANT	PRESIDENT	VE3DY
1961,2	GEORGE ROACH	VICE-PRES.	VE3BNO
1961,2	JERRY DILLON	SECRETARY	VE3AVI
1961,2	PETER BARRON	TREASURER	VE3ETX
1961,2	STEVE CHISOLM	TECH. ADVISOR	VE3ATU
1961,2	GERRY WELLS	GW EDITOR	VE3CDS
1962,3	GERRY WELLS	PRESIDENT	VE3CDS
1962,3	BURT COY	VICE-PRES.	VE3GI
1962,3	JOHN HART	SECRETARY	VE3CDI
1962,3	PHIL DEMERS	TREASURER	VE3FDR
1962,3	STEVE CHISOLM	TECH. ADVISOR	VE3ATU
1962,3	BUD WILLING	TECH. ADVISOR	VE3ANL
1962,3	GORD GRANT	GW EDITOR	VE3DY
1963,4	JERRY WELLS	PRESIDENT	VE3CDS
1963,4	JIM STRAIN	VICE-PRES.	VE3BSG
1963,4	MAILES DIER	SECRETARY	VE3BCO
1963,4	JOHN HART	TREASURER	VE3CDI
1963,4	BURT COY	TECH. ADVISOR	VE3GI
1963,4	GORD GRANT	GW EDITOR	VE3DY
1964,5	STEVE CHISOLM	PRESIDENT	VE3ATU
1964,5	JIM STRAIN	VICE-PRES.	VE3BSG
1964,5	KEN STOLLERY	SECRETARY	VE3FPS
1964,5	LEN JARRETT	TREASURER	VE3EWE
1964,5	JOHN HART	TECH. ADVISOR	VE3CDI
1964,5	GORD GRANT	GW EDITOR	VE3DY
1965,6	BOB KNAPP	PRESIDENT	VE3CDG
1965,6	GRAHAM IDE	VICE-PRES.	VE3BYT
1965,6	MAUREEN NEIL	SECRETARY	VE3FZY
1965,6	LEN JARRETT	TREASURER	VE3EWE
1965,6	KEN WATKINS	TECH. ADVISOR	VE3CAL
1965,6	GORD GRANT	GW EDITOR	VE3DY
1966,7	KEN WATKINS	PRESIDENT	VE3CAL
1966,7	RAY JAMES	VICE-PRES.	VE3CUA

(Continued on page 9)

As described in Schedule I of RBR-4, amateur usage of the 430-450 MHz (70 cm) band is on a no-protection, non-interference basis. Amateurs may not cause interference to nor be protected from interference from stations licensed in other services operating in that band. The same is true in the United States, and amateur operations on this band in a number of areas of the United States have power limits imposed on them in order to avoid interference to radiolocation services operated by the US military.



Industry Canada has informed RAC that it has authorized the Department of National Defence to use a digital system called Enhanced Position Location Reporting System (EPLRS) on these frequencies. The EPLRS system consists of mobile, fixed, transportable and airborne stations that use 5 MHz-wide spread spectrum channels to provide strategic telemetry information for military platforms. This authorization is on a no-protection, non-interference basis, which means that no new restrictions will be imposed on Canadian amateur operations in this band as a result.

Industry Canada has informed RAC that there is a slight potential for interference to amateur radio systems, typically in the form of a minor audible clicking noise. If Canadian amateurs encounter such interference, they are requested to report it to RAC at <regulatory @ rac.ca>. The information reported should include the geographical location, date, time, frequency and mode being used by the amateur station, and a description of the interference.

Questions or concerns regarding the planned implementation of EPLRS may be sent to regulatory @ rac.ca>.

Richard Ferch, VE3KI  
Vice President, Regulatory Affairs



## NE Director's Report October 2009

(Continued from page 5)

# WESTERN AUSTRALIA VK 6HD

CONFIRMING  
QSO WITH

VE3OSZ

DAY	MONTH	YEAR	TIME (GMT)	FREQ (METRES)	MODE	R	S	T
14	IX	01	1027	160	CW <sup>2x</sup>	5	6	9

M.E.BAZLEY  
PO BOX 5594  
ALBANY  
W.A. 6332

TNX Bob  
73 de  
Mike

RF / TNX QSL

If you like responding to challenges, then I suggest that you try DXing on 160.

Bob Kavanagh, VE3OSZ

- 1966,7 GARTH CHAMPION SECRETARY VE3EOF
- 1966,7 MAUREEN NEIL TREASURER VE3FZY
- 1966,7 FRED HAWKINS TECH. ADVISOR VE3KH
- 1966,7 OSCAR SANDOZ TECH. ADVISOR VE3CRA
- 1966,7 GORD GRANT GW EDITOR VE3DY
- 1967,8 OSCAR SANDOZ PRESIDENT VE3CRA
- 1967,8 JIM STRAIN VICE-PRES. VE3BSG
- 1967,8 LARRY EMMERSON SECRETARY VE3GGA
- 1967,8 MAUREEN NEIL TREASURER VE3FZY
- 1967,8 FRED HAWKINS TECH. ADVISOR VE3KH
- 1968,9 BOB KNAPP PRESIDENT VE3CDG
- 1968,9 GEORGE ROACH VICE-PRES. VE3BNO
- 1968,9 LARRY EMMERSON SECRETARY VE3GGA
- 1968,9 GORD GRANT TREASURER VE3DY
- 1968,9 JIM DEAN GW EDITOR VE3DRV
- 1969,0 JACK BASSIL PRESIDENT VE3YT
- 1969,0 GEORGE ROACH VICE-PRES. VE3BNO
- 1969,0 LARRY EMMERSON SECRETARY VE3GGA
- 1969,0 GORD GRANT TREASURER VE3DY
- 1969,0 JIM DEAN GW EDITOR VE3DRV
- 1970,1 LARRY EMMERSON PRESIDENT VE3GGA
- 1970,1 GEORGE ROACH VICE-PRES. VE3BNO
- 1970,1 DICK BONNYCASTLE SECRETARY VE3FUA
- 1970,1 GORD GRANT TREASURER VE3DY
- 1970,1 JIM DEAN GW EDITOR VE3DRV
- 1971,2 TONY VANDENBELT PRESIDENT VE3FXG
- 1971,2 COLIN ROWE VICE-PRES. VE3AZY
- 1971,2 HANK HARLEY SECRETARY VE3BR
- 1971,2 GEORGE McCALLUM TREASURER VE3DIH
- 1971,2 MIKE BRYAN GW EDITOR VE3CGT
- 1971,2 DOUG BURRILL GW EDITOR VE3CDC

Courtesy George Roach, VE3BNO

As many of you may know the McGuinty Government passed Bill C118 regarding the use of electronic devices while driving and it turned out to be a good news / bad news scenario.

Amateurs in Ontario have been given 3 years to phase in hands free operations while in a moving vehicle. We had hoped to have an exemption like other provinces but it didn't work out that way.

I have also received a couple of letters from Amateurs who suggest there may be loop holes in the new Legislation. I am not a lawyer so I don't know. For the moment I suggest you start to think about how you will get your mobile hands free.

I would still suggest you get letters of support from organizations that your groups support by providing communications for. These include public service events, or even better volunteer fire groups or first response groups. It's never too late to mention the good work we do for groups that support local causes.

Also in spite of what some people may say RAC did step up to bat for Amateurs in Ontario and if they did not the legislation could have been much more draconian.

But since the rules have changed watch for a "how to" article in an upcoming TCA on interfacing hands free devices to existing rigs.

I usually keep old copies of TCA for a while and then recycle them after a while. But the September / October TCA was the first Antenna Special issue. This one I will keep as a reference book. If you are not a member of RAC you should make an effort to check it out.

If you have any questions or concerns please email me at [ve3xt@rac.ca](mailto:ve3xt@rac.ca).

73

Bill VE3XT

North East Ontario

Regional Director

## 2009-2010 Membership Application/Renewal

Ottawa Amateur Radio Club Inc., Box 8873, Ottawa, Ontario K1G 3J2

- Single \$25 (\$20 after Feb 1, 2010)  
 Family \$30  
 Junior \$15 (under 18 years of age)  
 New Ham - Free (if licensed in current Membership year)  
 Emailed *Groundwave*     Mailed *Groundwave* (add \$5.00)

**Please Note: Membership year is September 1, 2009 to August 31, 2010.**

Family Name: \_\_\_\_\_ First Name/Initials: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ Prov: \_\_\_\_\_ Post Code: \_\_\_\_\_

Home Phone: \_\_\_\_\_ Work Phone: \_\_\_\_\_

E-mail address: \_\_\_\_\_ (For *Groundwave* mailing)

Callsign(s): \_\_\_\_\_

Qualifications:  Basic     Advanced     Morse Code  
Year Licensed: \_\_\_\_\_ RAC Member?    Yes

### Other Family Members

Name: \_\_\_\_\_ Callsign(s): \_\_\_\_\_

Qualifications:  Basic     Advanced     Morse Code  
Year Licensed: \_\_\_\_\_ RAC Member?    Yes

Interests: \_\_\_\_\_

Comments/Suggestions: \_\_\_\_\_

All members who are in good standing on or before the December General Meeting will be eligible for a free one-time name badge. Members who wish a second or replacement badge may purchase one at the Club Price (approx \$7.50 plus tax). Ordered badges will be available in January.

Do you want an OARC NAME TAG?    Yes     Second or Replacement    Yes

ORDER DETAILS - As to appear on badge:

First Name \_\_\_\_\_ Call Sign \_\_\_\_\_