



Ottawa Amateur Radio Club

Groundwave

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Check out our Web Page: www.oarc.net

October 2006

Don't forget, membership renewals are due now. A membership renewal form is included in this newsletter. Mail it in or bring it to the October 11 meeting.

Due to its success last year, Trivia Night is again planned for the December club meeting. Janice Neelands is coordinating.

Ben Price, VE3CDA, our RAC director and past OARC president, has moved to Texas and we wish him well.

October's speaker is Peter Gamble, VE3BQP, whose talk is entitled "The Role Of Amateur Radio In Emergency Communications". See you there.

Ian Jeffrey, VE3IGJ



OCTOBER MEETING 7:30 pm, October 11th in the Honeywell Room at Ottawa City Hall

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Ottawa Amateur Radio Club

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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 "ve3igi@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 (2nd floor of the Old Teacher's College) 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 at 20:00 hours on the club repeater **VE2CRA** 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, call Ed at 613-738 8924 or e-mail him at va3es@rac.ca. Also available on the web: <http://www.igs.net/~swap>.

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 Thursday evening at 20:00 hours on repeater VE3TWO **147.300+**. 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 only those of the author.

Voice (VHF) 146.94/146.34 100Hz output tone
(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.



June Minutes

The **OARC monthly meeting** was held on June 14th, 2006 at Ottawa City Hall, Ottawa, ON and was called to order at 19:28 by President Diane, VA3DB. About 30 were present including 3 guests. A few members met for coffee prior to the meeting at Second Cup on Elgin St. (All are invited)

Diane, VA3DB called the crowded meeting room to order; Diane welcomed the guests, but we don't know who they are (Thankfully, we have the guest-book).

- Kim Kruger, VA3VKK
- Basil Paalarjee, no call
- Richard Ferch, VE3IAY

There were no corrections of last month's minutes. Harold Hamilton, VE3UNK (or VA3UNK, take your pick) had a slide show regarding upcoming Field Day.

Greg, VE3Y TZ spoke about the Hamfest on Labour Day Saturday and passed around a signup sheet for volunteers.

- The commercial vendors are all confirmed.
- Personal table reservations are a bit behind last year's numbers, but no worries.
- Always can use a few more volunteers, see Greg!

Elkel is pitching in on a FT5500R for the door prize. Thanks Elkel!

Haves & Wants:

- Diane has a noise problem with a hydro power pole.
- Diane also needs a cover/cap for a SO-239.
- Greg, VE3Y TZ had some more QSTs to pass on.

Dave, VE3TLY presented the membership a synopsis of the past year's activities and accomplishments.

A slide show of the repeater project was presented.

Janice, VA3PAX presented the financial statement and a budget for the next year.

Croft, VE3CT and Doug, VE3XK moved/seconded the budget. Passed.

Paul, VE3CPH presented the executive for the 2006/2007 year.

We still require a membership director, a club secretary and a director

Dates to Remember

2006

- Sep. 2 OARC Hamfest and RAC Forum
- Sep. 30 Membership Renewal Deadline
- Nov. 1 Joe Norton Award Subm. Due
- Dec. 30 RAC Winter Contest

2007

- Feb. 10,11 Canada Ski Marathon
- Apr. 11 Homebrew Night
- Jun. 13 OARC AGM and Elections
- Jun. 23,24 Field Day
- Jul. 1 RAC Canada Day Contest

All other executive members have agreed to continue. (It was a negative billing option though, so we're not sure if they really agreed or not).

Gord Holmes, VE3GFH agreed to be Membership director.

Mike Kelly, VE3FFK agreed to be a director.

The current executive will juggle the secretary position until one is found.

The members elected the slate as amended and thanked Paul for his effort.

Ottawa Tower Bylaw. A few notes about the rather lengthy and important proposed city by-law.

Ben Price, VE3CDA spoke about RAC and the bylaw and the city timeline.

Richard Firch, VE3IAY is the RAC VP of regulatory affairs and represents the QCWA and spoke about his involvement.

Jim Dean, VE3IQ spoke about his work of the Antenna Structure Committee.

RAC has a web page with guidelines for hams who wish to put up towers.

Various city committees will be looking at the bylaw (Rural Affairs and Economic). City Council will look at the bylaw next April.

Suggestions for local hams are to pass the word to others on local nets and write your city councilor.

(Continued on page 4)



Richard, VE3UNW presented the work of the Algonquin College student team work on the Radio Extender project.

Coffee Break.

I wrote down that the \$24.50 50/50 draw was won by VE3FEG, but that call doesn't seem to exist.

The meeting adjourned before the coffee break.

Signed Richard Hagemeyer, VE3UNW club secretary.

George Roach announced the QCWA QSO Party and invited any eligible hams to join the QCWA and their weekly breakfast meetings Thursdays at 09:00 at the Embassy West hotel.

Dave Green gave a brief presentation "Amateur Radio Restructuring in Canada" and the work of RAC's committee on restructuring. He advised members to view more details and answer the survey on the RAC web site.

The 50/50 draw was won by Ernie Brown and the meeting was adjourned at 21:30.

September Minutes

The OARC monthly meeting was held on September 13, 2006 at Ottawa City Hall and was called to order at 19:30 by President Diane Bruce, VA3DB.

There were 34 present including two guests - Graham Ide, VE3BYT, and Dave Goodwin, VE3AAQ.

The president thanked outgoing executive members Bryan Campbell, Ernie Brown, and Richard Hagemeyer for their contributions. She also advised members that the executive still needed a secretary and a director and anyone wishing to volunteer should contact any executive member.

Greg Danylchenko reported on the Hamfest results. Admissions were up from last year (371 as opposed to 350) and so was profit. Greg thanked all the volunteers for their efforts. The RAC Forum was also well attended. He announced that Ed Sich, VE3WGO, has volunteered to become the new Hamfest manager. Greg was presented with a plaque in honour of his running the Hamfest for the past seven years.

Harold Hamilton, VE3UNK, presented a slide show on the 2006 Field Day statistics and operations. This year much of the operation took place on battery power and under 10 L of gasoline were used in the generator. The generator was off all night to keep the sight quiet.

The evening's speaker, Ernie Brown, VA3OEB, gave a presentation on "Radio Waves Across the North" describing the communications involved in the air ferry highway from Canada and the US to Russia during WWII.

Aviation Homour

The pilot was sitting in his seat and pulled out a .38 revolver. He placed it on top of the instrument panel, and then asked the navigator, "Do you know what I use this for?"

The navigator replied timidly, "No, what's it for?"

The pilot responded, "I use this on navigators who get me lost!"

The navigator proceeded to pull out a .45 and place it on his chart table. The pilot asked "What's that for?"

"To be honest, sir", the navigator replied, "I'll know we're lost before you will."

"Many are obstinate with regard to the pathway once they have set upon it, few with regard to the goal." — Friedrich Nietzsche



Net Schedule 2006/7

mk's Words

Where did the summer go? I was just getting thawed out. What a fine summer it was. It was nicely framed by the bookends of Field Day and Hamfest Day.

A good percentage of you were at one or both, and by now you have all read the reports and seen the pictures. For me, they were both events to be used as models for future years. At field day, I got to play CW until I couldn't tell a dit from a dah, and started having trouble spelling CQ (some would say that's my usual style). I got my fill.

At the Hamfest I did a little less shopping than usual. I found a bit of "won't power" this time, and left several gems on the tables for other people to take home. I don't know just what I'm going to do with a marine radio but at the price, I just had to give it a home. I still haven't been able to stick around for the forum. I guess I'll have to skip the shop-a-thon part of the Hamfest entirely one year to be able to do get see the talks. Maybe somebody could record those talks for people like me. Maybe they could be used as part of a club meeting on those occasions when our speaker becomes a snow no show at the last minute.

A BIG thank you to Greg, VE3Y TZ for all his work over the years to make the Hamfest what it is. Welcome aboard to Ed, who is stepping up to carry the work forward. Everybody on the crew seems to have fun, so I expect we'll all be back to help you out as you learn the ropes.

Now it's time to clean out the furnace, eaves-trough and closets as we get ready for another season of contests, car rallies and construction projects. Maybe even a little antenna work as we look up at the trees dropping leaves all over the lawn.

So find a sweater, pull up a chair and put the headphones on. It's ham season again.

73 mk VE3FFK

Here is the schedule for the OARC's Monday Night Capital City FM Net from October 2006 to April 2007.

October

- 2 Mike VE3FFK
- 9 Thanksgiving Day / no net
- 16 Mike VE3FFK
- 23 Al VE3ZTU
- 30 Al VE3ZTU

November

- 6 Sydney VE3GVI
- 13 Sydney VE3GVI
- 20 Greg VE3Y TZ
- 27 Greg VE3Y TZ

December

- 4 Dave VE3TLY
- 11 Dave VE3TLY
- 18 Harrie VE3HYS
- 25 Christmas Day / no net

January

- 1 New Years Day / no net
- 8 Harrie VE3HYS
- 15 Janice VA3PAX
- 22 Janice VA3PAX
- 29 George VE3BNO

February

- 5 George VE3BNO
- 12 Martin VA3SIE
- 19 Martin VA3SIE
- 26 Bruce VE3QX

March

- 5 Bruce VE3QX
- 12 Mike VE3FFK
- 19 Mike VE3FFK
- 26 Al VE3ZTU

April

- 2 Al VE3ZTU
- 9 Sydney VE3GVI
- 16 Sydney VE3GVI
- 23 Greg VE3Y TZ
- 30 Greg VE3Y TZ

If you can not make your sessions as scheduled please contact one of the other controllers to ask if he could take your net session in your place. You can offer to swap a session with them.



Restructuring

Where did we go wrong then? It is not that Amateur Radio is any less exciting and pertinent a hobby now than it used to be. I have heard it argued that the internet has destroyed Amateur Radio, yet I have seen evidence of the internet being used to encourage Amateur Radio; and actually being used to "Elmer" new hams. So what is the real villain here? When a brochure for RAC talks about Amateur's using their HT or 2m phone patch radios to call in an accident when nowadays there would be a slew of folks using their cell phones, maybe we should look at our own PR problems first?

If we want to go after the youth, we need to stress the "cool stuff" they can do with an Amateur Radio license. There is a huge base of younger "geeks" who have no idea of the fun possible with an Amateur ticket. Such things as packet radio are rapidly becoming popular again with a modern twist, communicating with astronauts on the ISS, using our own Amateur built satellites to communicate with other Amateurs and even for some, the possibilities of actually bouncing signals off of the moon for communication. These are what attracts youth to our hobby and yet the youth do not know these things are possible, we are not telling them. I do not see that kids are interested in talking on old fashioned 2m repeaters or interested in public service; I believe we are completely missing the mark if we push this aspect. I personally have interested and helped along several folks into Amateur Radio who were already computer "geeks". Before we assume we know what will work we should fix our PR first. It is my suspicion that the apparent success of the foundation license" is simply the greater PR, not the fact we have dumbed down the license. Once the PR is addressed, the incentive for kids or anyone else for that matter, makes the present license structure simple. People will spend that time, provided it is made attractive-- We are failing totally to do this, making the license simpler will not add incentive.

And yes, "fun" is part of the attraction.

Diane Bruce, VA3DB

ICE

From the Halifax ARC Reflector

Safety Corner September 2006

By Terry, VE1TRB

Emergency Contacts

There was an article in the Toronto Star, and a few other publications over the past few years regarding the **ICE** idea. This very simple idea is catching on as an important method of contact for you or a loved one in case of an emergency. As cell phones are carried by the majority of the population, all you need to do is program the number of a contact person or persons and store the name as "ICE" (In Case of Emergency).

A paramedic who found that when they went to the scenes of accidents, there were always mobile phones with patients, but they didn't know which numbers to call thought up the idea. He therefore thought that it would be a good idea if there was a nationally recognized name to file "next of kin" under.

Following a disaster in London The East Anglican Ambulance Service has launched a national ICE campaign. The idea is that you store the word "ICE" in your mobile phone address book, and with it enter the number of the person you would want to be contacted "In Case of Emergency". In an emergency situation, Emergency Services personnel and hospital staff would then be able to quickly contact your next of kin, by simply dialing the number programmed under "ICE".

It really could save your life, or put a loved one's mind at rest. For more than one contact name simply enter ICE1, ICE2, ICE3 etc.

Spud Roscoe, VE1BC, of Halifax, is looking for the radio call sign of the Army Signal Station Leitim. He thinks it was VDC but would like confirmation.



Joe Norton Award

ENTRY INFORMATION

The **Ottawa Amateur Radio Club Inc.** (OARC) 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, 2004 to June 1, 2006.
3. Send a written submission of no less than 600 words and no more than 900 words to the executive of the OARC 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 time on November 1, 2006. Entries received after that date will not 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 OARC will evaluate all entries.
4. Finalists may be interviewed by members of the executive of the OARC, 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 OARC are final.
8. The winner will be notified on or before November

23rd, 2005.

9. The winner will inform the OARC of his or her acceptance of the award no later than November 30th, 2005.
10. The award presentation will be made during the regular meeting of the OARC in December.
11. The winner agrees to have his/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 1, 2006 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. 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.

Brainteaser

Last month's question:

Is the same as his month's question because I still didn't solve it! Apparently no one else has either! I will have a solution for next month.

What is the resistance measured between adjacent nodes of an infinite square mesh of one-ohm resistors?

I'm told once you know how to solve this, you can also solve the triangular mesh or hexagonal mesh.



Hamfest 2006

I wish to thank the 2006 Hamfest Volunteers. I think we had an outstanding 10th Annual OARC Hamfest and without you there would be no hamfest. Thanks to:

- | | |
|------------------|------------------|
| Karen Price | Anna Cullinan |
| VA3CDD - Dean | VA3DB - Diane |
| VA3PAX - Janice | VA3UNK - Harold |
| VE2AGE - Robert | VE3ANO - Al |
| VE3AV - Dave | VE3CBJ - Clayton |
| VE3AVA - Gord | VE3CDA - Ben |
| VE3CZO - Wayne | VE3EV - Cary |
| VE3FFK - Mike | VE3IGJ - Ian |
| VE3IHI - Rick | VE3LBW - Peter |
| VE3DHF - Deborah | VE3PC - Paul |
| VE3TLY - Dave | VE3UNW - Richard |
| VE3XK - Doug | VE3ZRK - Bryan |
| Al - VE3ZTU | VE3KRW - Chris |
| VE3WGO - Ed | VE3OEB - Ernie |
| VE3XGP - Gord | |

I would also like to thank Ed, VE3WGO for stepping forward to manage the 11th Annual OARC Hamfest. I am certain with the assistance of a group of volunteers, Ed will do a bang-up job. Good luck, Ed. Hope to see you all in Carp on Saturday, Sept 1, 2007.

The grand prize winner is shown in the photo receiving his FT-7800. His name is John Perrin, VE3GZ, from Carp.

Greg Danylchenko, VE3Y TZ,
Manager, 2000 - 2006 OARC Hamfests



MEMBERSHIP APPLICATION / RENEWAL

Ottawa Amateur Radio Club, Inc.

Box 8873 Ottawa, Ontario K1G 3J2

- Renewal New New Ham (FREE if licensed in current membership year)
 Single (\$25, \$20 after Feb. 1) Family (\$30) Junior (\$15)
 Emailed PDF Copy Mailed Copy *Add \$5.00 for mailed copy of Groundwave.*

(Please note: membership year is September 1 to August 31.)

Family Name: _____ First Name/Initials: _____

Address: _____

City: _____ Prov: _____ Postal Code: _____

Home Phone: _____ Work Phone: _____ Ext _____

E-mail address: _____@_____ (For Groundwave mailing)

Callsign(s): | _____ | | _____ | | _____ | Fax: _____

Qualifications: Basic Advanced Grandfathered

Year Licenced: _____

Other Family Members

Name: _____ Callsign(s): | _____ | | _____ | | _____ |

Qualifications: Basic Advanced Grandfathered

Year Licenced: _____

Name: _____ Callsign(s): | _____ | | _____ | | _____ |

Qualifications: Basic Advanced Grandfathered

Year Licenced: _____

Name: _____ Callsign(s): | _____ | | _____ | | _____ |

Qualifications: Basic Advanced Grandfathered

Year Licenced: _____

Interests: _____

Comments/Suggestions: _____

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TS-480HX/TS-480SAT

HF/50MHz All-Mode Transceiver

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