



Ottawa Amateur Radio Club

Groundwave

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Check out our Web Page: www.oarc.net

June 2006

I don't know about you but I'm getting mighty tired of hearing about SuitSat. Every magazine I pick up these days seems to have an article about it. The good news is the amazing amount of positive coverage amateur radio has received as a result of the launch, despite the fact the mission was what I would call a technical failure. The failure, fortunately, never seems to be mentioned. The bad news is that SuitSat was another in a long line of amateur radio satellite failures that I would think the amateur satellite community would rather forget.

The June 14 Annual General Meeting will feature the election of the new executive. All positions are up for grabs so nominate someone or even volunteer for a position on the executive. The meeting will also have a power point presentation by Richard Hagemeyer on behalf of the Algonquin College students about their project (sponsored by the OARC) to conduct emergency communications through building windows.

This will be the last Groundwave before the summer break so I wish everyone an enjoyable summer and good DX!

See you at the meeting.

Ian Jeffrey, VE3IGJ



JUNE MEETING 7:30 pm, June 14th in the Honeywell 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 "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.



Minutes

The **OARC monthly meeting** was held on May 10th, 2006 at Ottawa City Hall, Ottawa, ON and was called to order at 19:30 by President Diane, VA3DB. About 25 were present including 1 guest. Six 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; there was one guest.

Joe, VE3JG (one of our guest speakers)

Diane then solicited corrections for the last minutes.

There was one correction. Paul, VE3CPH noted that the call for executive nominations was missing from last meeting minutes.

Announcements:

Paul, VE3CPH is soliciting members who are interested in being on the club executive. He also reminded the current executive of the negative billing option he is using for incumbents.

Paul, VE3CPH also spoke briefly about his job as an archivist of community records for the City of Ottawa. The club will be moving our records to the city for safe keeping. He will write a small article for the Groundwave. He answered a few questions from the members present.

Smiths Falls Flea market has 100 tables this year. QCWA has a table to sell off Stan Hill, VE3DQ's equipment; he is downsizing.

The OARC recently accepted books, parts and equipment from Steve Pepler, VE3KHU who is also downsizing.

The OARC Hamfest is coming up Labour Day Saturday and our committee is looking for volunteers. Greg, VE3Y TZ passed around a sign up sheet. The committee (currently

Dates to Remember

2006

- Feb. 11,12 Canada Ski Marathon
- Apr. 12 Homebrew Night
- Jun. 14 OARC AGM and Elections
- Jun. 24,25 Field Day
- Jul. 1 RAC Canada Day Contest
- Sep. 2 OARC Hamfest and RAC Forum
- Sep. 30 Membership Renewal Deadline
- Nov. 1 Joe Norton Award Subm. Due
- Dec. 30 RAC Winter Contest

Greg, VE3Y TZ and Ed, VE3WGO) is still looking for another member or two.

The Emergency Measures Radio Group general meeting is May 27 at 9:00 at the Fire Training Centre on Industrial near St. Laurent. All are invited

Field Day is the last rainy weekend in June (the 24th and 25th). Same location as last year, behind St. Paul's University, 175 Main St.

Guest Speakers: Joe Parkinson, VE3JG and Jim Dean, VE3IQ spoke about Broadband over Power Lines or BPL and filled us in on the current state of affairs with RAC and Industry Canada.

Diane, VA3DB solicited the crowd for Haves 'n' Wants. Our repeater refurb committee is looking for Western Radio stuff. See the Groundwave for more information.

The \$20.50 50/50 draw was won by Mike, VE3FFK.

The meeting adjourned at about 21:10 but we kept drinking our coffee and ragchewing.

Signed Richard Hagemeyer, VE3UNW
Secretary.



Ottawa Amateur Radio Club

Groundwave

June 2006

Field Day 2006

Date: Saturday, June 24 2006 and Sunday, June 25 2006.

Location: 175 Main Street Behind Les Deschalets (Oblate Fathers) Residence just north of St. Paul's University and south of Lees Avenue.

When: Setup 9:00-9:30 am and Operating 2:00 pm (1400) Saturday to 2:00 pm (1400) Sunday.

We intend to run as 2A - one CW and one phone station. We will also have a VHF station for 2 m and 6 m.

We are looking for large capacity or deep cycle batteries for overnight use. If you are willing to loan us one please contact me.

Your participation will make it a success. If you have a preferred shift or mode book your spot now. Bring your own chairs. For further information or to offer help please contact me at va3unk@rac.ca or 613-722-9180.

See you on Field Day,

Harold, VA3UNK

Aviation Humour

One day the pilot of a Cherokee 180 was told by the tower to hold short of the runway while an MD80 landed. The MD80 landed, rolled out, turned around, and taxied back past the Cherokee. Some quick witted comedian in the MD80 crew got on the radio and said, "What a cute little plane. Did you make it all by yourself?"

Our hero, the Cherokee pilot, not about to let the insult go by, came back with, "Yes, I made it out of MD80 parts. Another landing like that and I'll have enough parts for another one!"

Hamfest Committee Sought

As I have announced at several of the monthly meetings, this will be my last year managing the OARC Hamfest. So we need to do some succession planning as no one would like to see the Hamfest, which I believe has gained an excellent reputation, wilt away. The Executive and I propose that a small committee be established in time for this year's Hamfest in order for the members to learn the ropes on the job. This year, I would lead the group, passing on my experience. It is then hoped that one of those committee members will step forward to manage next year's event, with the assistance of the committee, which I hope would also include myself.

If any are interested in getting involved in what really is a fun project, please let me know. I already have one individual who has expressed interest. I do hope that 2-3 others will step forward.

Greg Danylchenko, VE3Y TZ

VE3Y TZ@rac.ca

Call for Nominations

Nominations are currently being accepted for the 2006-2007 OARC executive. Any position listed in the "Club Executive" section of the Groundwave is open for nomination. Two incumbents have indicated that they will not be running in this year's election. If you have an interest in serving as Membership chair, or Secretary, please contact me for details.

Elections will be held at the June Annual General Meeting. All members in good standing of the OARC are invited to submit their nomination or be nominated. Please send an email to ve3cph@rac.ca for details, or for information by phone call 747-1551.

Paul Henry, VE3CPH



Mk's Words

Gosh where did the time go. Seems that as the weather gets better, I drift worse than an Eico 753. With everything else going on, sitting at the keyboard gets bumped to last place.

The 160 m antenna seems to be back on the back burner. I had a chance to compare notes with Dave, VE3TLY and his software toolbox. It turns out that not only is there no free lunch, there is no way to get a gallon of performance out of a pint sized antenna. I was hoping for at least a litre of RF (to mix my units), but no such luck. Most of the antenna ideas ended up at around -30 dBi. It was instructive though. Rules of thumb: Bigger is better. Inductance helpful, but it is not as much help as you would think. Diameter helps, but not enough. So I'm back to the starting point, and off the 160 m band. Between BPL and other RF junk in the urban environment maybe we will all be looking at remote stations for our HF activity soon. Once upon a time Larry Kaiser had a station on 40 m that linked back to town on 70 cm. I wonder if it is still around.

The bike is back on the road, but still no antennas on it. These days it's more fun to go somewhere first, then put up antennas and play. This point in the sunspot cycle isn't too friendly to bicycle mobile antennas and no matter how much power you run, you can't hear 'em any better. Now, just a little more sunshine and things will be perfect.

We got through another Tour Nortel without any major problems. If you haven't done a public service event before, this is a good one to start with. It doesn't take all weekend, it isn't way out of town and it doesn't have a lot of traffic. Put it on your calendar for next year.

We are still putting things together for the EMRG meeting on May 27. It looks like it will be a fun time. Bring your hand held and headphones.

Really looking forward to field day this year. I'm going to take a stab at the overnight shift. Many of those who have operated field day for decades think it is the best part of the event, even better than meal time. You get a

mixture of the gung-ho contesters and the laid back, pipe smoking old timers. I think Harold is planning on running at least part of the event on batteries. Generators are handy, but the noise can get to be irritating, even if they are on the end of a long extension cord.

There's still a VHF contest to come, so I expect some ops will be heading for the hills again. Even at the bottom of the cycle, 6 m and 2 m can surprise you. If not, it is still a nice time of year to go somewhere and play radio for a while.

That's all from here. Let's see if we can wake up the yawnsphere this summer.

mk .. VE3FFK

Wanted for Repeater

We're looking for Western Radio VHF and UHF receivers to be used as part of a remote receiver link system for the VE2CRA repeater. The units, a WR -194-4W VHF receiver and a WR-454 UHF receiver (see below) are designed to slide into a WR-90 19" rack housing. We'd like to obtain one to three units of each type.

Wayne, VE3CZO, Repeater Committee



Archives

City of Ottawa Archives to Acquire OARC's Historical Records

In an effort to reduce the likelihood of loss of the club's historical records, dating to the early 1930s, the executive has agreed in principle to transfer them to the City of Ottawa Archives.

The City of Ottawa Archives is the largest non-federal archives in Ottawa, and the second-largest municipal archives in Canada. Since 1977, the Archives has preserved and made available the collective memory of the City of Ottawa and its citizens. Since amalgamation, its mandate has expanded to include all of the 12 former municipalities. Working in partnership with community-based archival and genealogical societies, the Archives identifies, acquires, organizes, preserves and describes Ottawa civic government records as well as private sector records of individuals, community groups, and businesses within the City of Ottawa.

The City of Ottawa Archives welcomes all researchers. Most of the archival holdings can be accessed and viewed on site in the reference room - some access restrictions apply for records that contain confidential and/or personal information. The Archives does not circulate any of its holdings. Researchers, including City employees, are expected to come to the Archives to do their own research.

The Archives holds over 20,000 linear feet of records within our climate-controlled vault located on-site at our main branch, within Rideau and Gloucester Branches, and at other archival storage locations throughout the City.

We also hold close to 2.5 million photographs (prints and negatives), 1,500 documentary art pieces, 1,200 maps, plans and architectural drawings, and over 100 linear feet of artefacts.

Once transferred, the records of the OARC will be processed, organized, filed, and stored in acid-free fold-

ers and archival storage containers within one of our vaults. The collection will be described and made available to researchers using our extensive database of archival holdings.

Should you wish to visit the archives, you will find details below. Do not hesitate to contact me should you have any questions on the transfer, the Archives, to volunteer, or for questions on any of our programmes and services. I may be reached at 613-580-2424 ext. 13181, or by e-mail paul.henry@ottawa.ca.

Main Branch

111 Sussex Dr., 1st Floor (Bytown Pavilion)
Ottawa, Ontario K1N 1J1
tel.: 613-580-2424, ext. 13333
e-mail: archives@ottawa.ca

Please note our new reference room opening hours

September to May inclusive:
Monday: reference room closed
Tuesday to Friday: 9 a.m. to 4 p.m.
Saturday (except long weekends): 10 a.m. to 5 p.m.
June to August inclusive (summer hours):
Monday: reference room closed
Tuesday to Friday: 9 am to 4 pm
Closed on Saturdays

The Archives are always closed on Sundays, statutory holidays and long weekends.

Paul J. Henry, VE3CPH
Archivist, City of Ottawa Archives

Aviation Humour

Tower:
Delta 351, you have traffic at 10 o'clock, 6 miles!

Delta 351:
Give us another hint. We have digital watches!



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:

What is the resistance measured across the body diagonal of a cube constructed of twelve one-ohm resistors?

I make it to be 5/6 ohm. Any other answers?

This month's question, along the same lines, is:

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

The Ottawa Amateur Radio Club

is pleased to announce its 10th Annual



Hamfest

Saturday, September 2, 2006 (Labour Day weekend)

Tailgaters Open and Building Vendor setup: 8 am

Building Opens: 10 am until 1 pm

Radio Amateurs of Canada Forum and Technology Update: 1 pm - 4 pm (approx)

**Carp Agricultural Fairgrounds
3970 Carp Rd (at Falldown Lane)
Ottawa (Carp), Ontario**

From Ottawa take Highway 417 west to Carp Road exit, north to the fairgrounds

We are in the Arena, so follow the signs on the site

\$6 general admission

\$12/table (plus admission)

\$5/tailgate (plus admission)


This year's door prize, a Yaesu FT-7800 dual band mobile, is very generously provided by:



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The OARC is proud to sponsor the RAC Forum and Technology Update. This highly informative event follows immediately after the close of the Hamfest at 1 pm. We are very fortunate to have Ben Price (VE3CDA), RAC's Ontario North/East Director, as Moderator.

For further information or reservations contact:

Greg Danylchenko (VE3Ytz)

Tel: (613) 236-9291(H)

E-mail: fleamarket@oarc.net

Talk-in: VE2CRA146.940 Mhz -

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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