



GROUNDWAVE

October 1999

Check out our Web Page: www.oarc.net

The OVMRC co-ordinates the Terry Fox Run...



A good time was had by all!



AMSAT



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Club Information

The Ottawa Amateur Radio Club, Inc. (OARC). 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 first Wednesday of each month (except July and August) in the Keefer Room (2nd floor of the Old Teacher's College) of the Regional Municipality of Ottawa Carleton Head Quarters complex 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 second Wednesday of each month at 19:30 hours. Contact the President to confirm the date, time and place of the next meeting.

NET's of Interest

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 Dan Reardon, VE3GUU. This feature appears on the Capital City FM Net. To list items and make inquiries, call Dan Reardon at 721-3339, ve3guu@igs.net. 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 SWAP Net is a regular feature of this net.

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 every Thursday evening at 2000 hrs local time. Repeater VE3TEL is used, courtesy of the Pioneer Amateur Radio Club. The frequency is 147.03 out, 146.43 Mhz in. The callsign used is VE3QCW. Visiting Hams are invited to check into this Net. You do not have to be a QCWA member to check into this Net.

Club Repeaters

Voice (VHF)	146.94/146.34	100 Hz output tone
(UHF)	443.300/448.300	
Packet	147.07(sx)	For QSO and Packet BBS.
Packet 56 kbps	220.55/433.55	
East of Ottawa	145.69(sx)	
Ottawa Centre	145.07(sx)	
Hull	145.05(sx)	
West of Ottawa	145.03(sx)	
South of Ottawa	144.91(sx)	
Nepean	145.59(sx)	
West Carleton	144.97(sx)	

For further information, please contact the Repeater Chair.

OARC Inc. Memberships

- **Individual Membership** is available for \$20.00
- **Family Membership** is available for \$25.00
- **New Hams** just licensed may qualify for free membership, contact the membership Chair.
- **Junior Memberships** - To encourage young people to join the club and to participate in amateur radio, the club is opening a junior class of membership. Dues will be at 50% discount but the junior member must pick up his/her copy of the Groundwave (preferably at the meeting).

September Meeting Minutes

Minutes of the OARC General Meeting - September 1, 1999

The meeting was called to order by the President, Ed (VA3MPY), at 7:35 p.m.

Ed started the meeting by asking whether there were any visitors. They were: Alan (VA2ADB) and Russ. Welcome guests and we hope to see you again!

Ed then reminded members of the recent passing of Mailes Dier (VE3MD), Bob Lawson (VA3YLR) (we'll miss you and your coffee Bob) and Ed Waddington (VA3ECW). Our deepest condolences to all the families.

Continuing on a sombre note, Ed reported to members that he was ill, having spent much time this past summer in the hospital for tests. (Sorry to hear about your illness Ed, we hope you get better soon.)

Turning to other business, Ed announced that he was looking for a cook for the flea market. Also, Richard (VE3UNW) has stepped in (thanks Richard, as usual you pulled our buns out of the oven) to take over from Jim (VE3XJ) as flea market co-ordinator. Regrettably, Graham and Bytown Marine also will not be attending this year's Hamfest. (Note: Despite what only appears to be a string of bad news, the Hamfest turned out great, the weather was kind and the Club made money with over 300 attending! Thanks to all!)

Ed also announced that Rick (VE3IHI) was stepping down as Vice-President and that he was looking for someone who was interested to step in. (While those are big shoes to fill, there must be someone out there with feet bigger than size 11.)

Ed told the members that ARES will be attending this year's Hamfest. Also, the Quebec search and rescue squad had its first exercise this past summer. Apparently everything went well, lots of fun for all, followed by a BBQ. Back on the medical theme, Ed told all those still listening, that while surveying for a site for the Lowe repeater, he got hit in the head by a tree. (How many stitches did you say you got?)

Ed advised that a new repeater site in eastern Ottawa was becoming available as Bell Canada had passed its French Hill site to the City of Gloucester which in turn was passing it to the Fire Department. Lots of room on that tower, we learned.

Our cousins at the West Carleton Club have GPS and antennas for sale. You can go to their web site at

<http://www.wcarc.on.ca/> and order on-line. (Nice touch guys.)

In reply to Ed's call for "Needs and Wants" Paul (VE3PC) asked if anyone had CQ Magazines from last February or March, as there was a particular article he was looking for. Doug (VE3XK) said he had them.

George (VE3BNO) made a short presentation on the QCWA in Ottawa and benefits of membership. The Club is quite active in Ottawa and is looking for new members. Many activities are also open to non-members as well. Anyone interested can see George for more info.

On the RAC front, Doug told members that RAC has been permitted 10 DXCC checkers for Canada and that they were in urgent need for someone in the Ottawa area. All those interested can see Doug. Also, RAC has instituted an Official Observer (OO) program. OO's will be looking for examples of both good and bad operating behaviour. Good operating practices will, in particular, be noted and acknowledged. Doug advised that the Outgoing QSL Bureau has moved to Ottawa and that the Manager - Nenad Stevanovic (VE3EXY) was looking for volunteers to help out. The idea was to spread out the work over as many people as possible.

Rick had placed some magazines at the front of the room. Members were welcome to help themselves.

Greg (VE3Ytz, your humble minute taker) told the members of the great turnout of volunteers to help with the RAC station for the July 1st contest. A great deal of fun was had and the thank-you BBQ sponsored by RAC (and Debbie, in particular) was highly appreciated. (How about joining the fun next year???) Greg also told the members about Field Day and how Richard once again stepped into the breach, pulling FD together. In a rather amazing manner, FD came together at the last minute and rather automatically. Though we dearly missed our big guns, we had a respectable showing and we could hold our heads up (while serving pie to the WCC a second year in a row now. Congratulations WCC, but watch out next year.)

Dean (VA3CDD), our Membership person, announced that he was taking membership renewals.

RAC and OARC members will be able to benefit from extra tickets for the door prizes at the Hamfest.

With that, the meeting came to end with Dean winning the 50/50 draw, pocketing an impressive \$17.00.

Radio Amateurs of Canada

All News below is received from Radio Amateurs of Canada (RAC) bulletin service. Readers may subscribe to this service, visit the RAC website at www.rac.ca for more information. Guy Charron VA3FZA Bulletin Editor. Email: va3fza@rac.ca Packet: va3fza@ve3kyt

Outgoing QSL Bureau moved September 3, 1999

The RAC Outgoing QSL Bureau has now been relocated from Morinville, AB. On behalf of the many bureau users RAC wishes to thank Norm Waltho - VE6VW for his years of dedicated service to his fellow radio amateurs.

Effective immediately, RAC members wishing to use the RAC Outgoing QSL Bureau service should send their properly sorted and packaged cards to:

RAC Outgoing QSL Bureau
Nenad Stevanovic - VE3EXY
PO Box 11156 - Station H
Nepean, ON
K2H 7T9

Users are reminded of bureau procedures published in the Jan-Feb/99 issue of The Canadian Amateur.

RAC Bulletin 99-085E RAC Directors Re-elected September 3, 1999

The following directors have been re-elected unopposed in their respective regions.

Daniel Lamoureux, VE2ZDL, Quebec
Dana Shtun, VE3DSS, Ontario South
Valerie Hepburn, VE6VMH, Alberta

The candidates assume their next two-year term of office beginning January 1, 2000.

All Directors and Executive Officers of Radio Amateurs of Canada are volunteer positions and, as such, serve the Amateur Radio community without monetary compensation.

RAC Bulletin 99-088E Basic + 5 get 10M September 8, 1999

Industry Canada has advised RAC that a Canada Gazette Part II Notice to be issued in the Canada Gazette on Saturday, 11 September, 1999 will grant approval for Amateur Radio Certificate holders with both Basic and 5 WPM Qualifications to operate on 10 Metres. The Notice will include the necessary amendment to RIC-2 and the authorization is to be effective 11 September. Amateurs with Basic + 5 WPM qualifications should check the Notice on the Industry Canada web site at <http://strategis.ic.gc.ca/spectrum> before operating.

This approval is the culmination of an initiative by RAC in response to requests to RAC Directors by amateurs across Canada. The approval follows extensive RAC/Industry Canada direct discussions, discussions in CARAB meetings, and public consultation by Industry Canada. The 56 responses received from the public consultation were overwhelmingly supportive of the initiative.

RAC appreciates the efforts by Industry Canada to accommodate this expansion of operating privileges. RAC also thanks all those individuals, clubs and organizations who contributed to the review.

For further information, see the RAC web site at <http://www.rac.ca>

RAC Bulletin 99-089E Amateur Radio Hall of Fame Board of Trustees for 1999-2000 September 11, 1999

The Radio Amateurs of Canada (RAC) Board of Directors is pleased to announce the appointments for the Canadian Amateur Radio Hall of Fame Board of Trustees. Under Hall of Fame Chair James Hay, VE2VE, the Trustees will review all nominations and select a candidate for the Canadian Amateur Radio Hall of Fame Award to be announced later. The Board of Trustees represents all Provinces as follows:

Newfoundland	- Frank Davis, VO1HP
Prince Edward Is.	- Frank Graham, VY2FG
Nova Scotia	- Dr. Roger Porter, VE1VCE
New Brunswick	- Hugh Clark, VE9HC
Quebec	- Pierre Goyette, VE2FFE
Ontario	- Albert Vaillancourt, VE3DPZ
Manitoba	- Gil Frederick, VE4AG
Saskatchewan	- Keith McGillivray, VE5VJ
Alberta	- Brian Crisal, VE6BCA
British Columbia	- Fred Houghton, VE7FFK

RAC Bulletin 99-092E WRTC2000 teams selected 15 september, 1999

The RAC Contest Committee has selected the two Captains for the Canadian participants in the World Radio Team Contest (WRTC) to be held in Slovenia in July, 2000. The WRTC2000 Organizing Committee had allocated two Team positions to Canada and requested that RAC, as the national society, select the Teams.

RAC News continued on Page 8

Joe Norton Award

The OTTAWA AMATEUR RADIO CLUB INC. awards annually the Joe Norton Trust Award for the advancement of amateur radio. The amount of this award is approximately \$500.

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, 1997 to June 1, 1999.
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 November 10, 1999. No entries received after that date will be considered.
2. The club 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 19, 1999.

9. The winner will notify the OTTAWA AMATEUR RADIO CLUB INC. of his or her acceptance of the award no later than November 26, 1999.

10. The award 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.

Send your entry, to be received no later than November 10, 1999 to:

Joe Norton Trust Award
OTTAWA AMATEUR RADIO CLUB INC.
Box 8873
Ottawa, ON
??? ???

News from Near and Far

It is that time again - CPC Club Breakfast

It is that time again and you must ensure that your cholesterol level is correct by attending the CPC Breakfast Club in October. Contact Guy or listen to the Thursday night CPC club net for the date and location.

Guy, VE3WGL ve3wgl@rac.ca

AMSAT NEWS SERVICE ANS 255

ANS is a free, weekly, news and information service of AMSAT North America, the Radio Amateur Satellite Corporation. ANS reports on the activities of a worldwide group of Amateur Radio operators who share an active interest in designing, building, launching and communicating through analog and digital Amateur Radio satellites.

Clare, VE3NPC, reports working Kimio, 8J1RL (operated by JA9BOH) via AO-10 for the first VE/8J1 QSO. Ken, WA1QXR and Mike, N1JEZ also report working Kimio. 8J1RL is located at Syowa Station, Antarctica (69.00S -

News from Near and Far, continued

39.58E). Schedules with 8J1RL are welcome, arrange via JH3BJN (jh3bjn@amsat.org). Look for Kimo's CW downlink near 145.890 MHz.

MIR SPACE STATION

Ham radio activity aboard the Mir space station came to a close on August 28, 1999 as the crew returned to Earth, leaving the station unmanned. Mir is in a stable orbit with only essential systems running. All Amateur Radio activities have ceased. Currently, the station is being prepared for re-entry sometime in the first quarter of 2000, however, the final fate of the space station has not been formally announced. Stay tuned to ANS for further developments.

OVMRC NEWS

The next meeting of the Ottawa Valley Mobile Radio Club (OVMRC) is at 1930 hrs, 21 Oct, 1999, in the auditorium of the National Museum of Science and Technology, St Laurent Blvd. Guest speaker Dave Goodwin, VE2ZP, will be presenting an "Introduction to Contesting."

Registration for the OVMRC AMATEUR RADIO COURSE takes place at the National Museum of Science and Technology, St. Laurent Blvd. at 7:00 p.m., on Tuesday 5 Oct. 1999.

The OVMRC Amateur Radio Course will enable the student to pass the theory examinations for the Basic qualification for radio amateurs as prescribed by Industry Canada. Some students may also be able to pass at the Advanced level. Students will also be prepared to pass the Morse code examination at 5 words per minute. Other students will likely be able to pass the 12 words per minute examination. The course provides practical sessions to introduce students to amateur radio equipment and how to operate on the air. The course provides about 28 weeks of instruction in electrical and radio theory, radio regulations, Morse code, and practical sessions. No technical background or knowledge is necessary to take this course, but those having a technical or engineering background will not be bored.

FOR FURTHER INFORMATION:

Please get in touch with one of the co-chairs of the OVMRC Training Committee:

Bob Shaw, VE3SUY
Telephone: 737-9443
E-Mail: lycott@fox.nstn.ca

Ernie Jury, VE3EJJ
Telephone: 728-3666
E-Mail: ve3ejj@cyberus.ca

Next Meeting

OARC

The next meeting of the **OARC** will be held **Wednesday, Oct, 6th at 19:30** at the RMOC headquarters - 111 Lisgar St.

Special guest Randy Mawson, VE3TRW from Environment Canada will be in town on the Wednesday of our October mtg. He is the Ontario co-ordinator for Canwarn, the amateur radio wx reporting network for severe wx. Randy will be here for a day of meetings downtown and has volunteered to give a presentation to the local hams. As the CANWARN program is spreading east and is coming to Ottawa before the year end this would be a good presentation to pass on. Randy is the AES person who goes around the province giving amateurs the Canwarn training that was held in Smiths Falls a while back.

Here's some of Randy's history:

- 25 year veteran of Environment Canada
- Worked as a Weather Observer, and Weather Specialist
- Former Manager of the London Weather Office
- Client Services Representative for Ontario for 4 years
- Most recent assignment is Coordinator of Agreements and Partnerships - AEB
- Founder and Manager of CANWARN - Ontario Region

The next meeting promises to be a good one, so don't miss out!

WCARC

The next meeting of the **WCARC** will be held **Tuesday, Oct, 5th at 19:30** at the offices of Cygnus Satellite Systems - 5799 Hazeldean Road

WCARC

The WCARC club web page can be found at: [HTTP://www.wcarc.on.ca](http://www.wcarc.on.ca). Check it for the latest and greatest news!

WCARC June 1, 1999 Minutes

Opening

— The meeting was opened shortly after 7:30pm at the offices of Cygnus Satellite Systems Corporation, 5799 Hazeldean Road in Stittsville by Club President Brian VE3CRG. 12 Amateurs were present.

Treasurer's Report

— Club Treasurer George VE3GWS was not present, but reported in an earlier email message that \$2171.54 had been earned from the sale of GPS receivers and antennas, and that cash-on-hand was \$3173.44. This was somewhat of a false figure, because the cost of the GPS antennas had not been taken out. This was the only deposit and there were no withdrawals during the month.

Club Projects

— Field Day setup plans and some strategy were discussed. Setup was to start Saturday, June 26th at 9:00am, with operating starting at 2:00pm at the Mill of Kintail Conservation Area north of Almonte.

— The marketing of the GPS receivers and antennas was discussed, including selling them on the Internet. Peter VE3TFP mentioned that the following mailing address could be used for purchasers to reach the Club: WCARC, P.O. Box 131, Munster, Ontario, K0A 3P0. Members discussed technical support issues for the GPS receivers, including posting documentation to the web site. It was

decided that a "combo pack" would be offered, which would include the GPS receiver, antenna and either an SMA or BNC connector. Also, the e-commerce web pages would say that supply of the units is limited.

— It was suggested that the WCARC web site be improved, and that all members should provide some input to the site.

— Ken VA3KA contacted the designer of the rotor control boards (XQ2FOD), who said that the Club can sell the boards, as long as the proceeds go back into amateur radio.

Other Topics

— The WCARC sideband net was mentioned. It is held every Tuesday (except meeting nights) at about 8:30pm on 144.250 (USB). The net uses vertical polarization.

— Richard VE3UNW brought up the proposal by Industry Canada to revamp the amateur radio authorization system. It was suggested that members read the proposal and make their opinions heard.

Conclusion

— The meeting was adjourned at about 9:45pm. The next meeting will be on September 7th, 1999, and will be held at Cygnus Satellite Systems Corporation in Stittsville starting at or about 7:30pm.

Rene VA3RDK

Disclaimer (everybody needs one)

The Finer Points of Publishing...

Material published herein, does not necessarily represent the official OARC viewpoint.

Items may be reprinted by Amateur Radio Clubs or other publications provided that proper credit is given to the author and to the OARC, Inc.

We also miss a credit on occasion. If this happens to your article, please email us so we may print a correction.

Field Day

It looks like the **OARC** will be serving **coffee and humble pie** to members of the **WCARC** for the **December** meeting. All are invited to attend!

RAC News, cont

The RAC Contest Committee is pleased to announce that the two Team Captains for WRTC2000 will be John Sluymmer VE3EJ and Dale Green VE7SV. Both John and Dale have extensive experience at past WRTCs and are well known within the contest community. John has selected Jim Roberts VE7ZO(ex VE3IY) as his teammate and Dale has chosen Gary Caldwell VA7RR (ex VE7NTT).

All of the participants in WRTC2000 will be responsible for their own expenses.

The Committee would like to extend its thanks to all of the applicants not only for their interest in WRTC2000 but for supporting contesting in Canada.

RAC Bulletin 99-094E IC Amends Policy for Special Event Prefixes and Call Signs September 18, 1999

Effective September 17, 1999, Industry Canada has implemented an amended policy for assigning special event prefixes and call signs. The special prefix and call sign assignments outlined in the article on page 6 of the September, 1994 issue of The Canadian Amateur have been superseded.

Details are available on the RAC web site at <http://www.rac.ca> and will be included in The Canadian Amateur. Further information will be posted on the web site as it becomes available.

Amateurs wanting details on applying for a special event prefix or call sign should contact Industry Canada's Amateur Radio Centre.

RAC Bulletin 99-096E IC revises guide for Accredited Examiners September 24, 1999

On September 16th, Industry Canada released a new version of RIC - 1, entitled "Guide for Examiners Accredited to Conduct Examinations for the Amateur Radio Operator Certificate"

The revised Radio Information Circular outlines the policies and procedures for examiners who conduct Amateur Radio Operator Certificate examinations on behalf of Industry Canada. The document can be downloaded from the Industry Canada web site at:

<http://strategis.ic.gc.ca/SSG/sf01007e.html>

RAC Bulletin 99-097E New Basic and Advanced question banks released. September 25, 1999

Radio Information circulars RIC-7 - Basic Qualification Question Bank for Amateur Radio Operator Certificate Examinations, and RIC-8 -Advanced Qualification Question Bank for Amateur Radio Operator Certificate are now available for downloading from the Industry Canada Strategis web site. (The files are quite large; the basic question bank may require up to 260 pages to print !!)

Industry Canada proposes to implement the new exams as of July 1, 2000, but has released the question banks now to give course developers and examiners a chance to gain familiarity with them.

Any questions about changes to the examination curriculum and syllabis should be cleared up when a revised version of RIC -3 is issued in the near future.

The URL to RIC-7 is:
<http://strategis.ic.gc.ca/SSG/sf01900e.html>

The URL to RIC-8 is:
<http://strategis.ic.gc.ca/SSG/sf01901e.html>

Editor's Note: The documents are also available, in both PDF and plain text on the club's APRS web server: <http://ontario.aprs.net> in the file download area.

RAC Bulletin 99-098E On Air Events

October

- 2 TARA PSK31 Rumble
- 2 EU Autumn Sprint, SSB
- 2-3 VK/ZL/Oceania Contest, Phone
- 2-3 California QSO Party
- 3 RSGB 21/28 MHz Contest, SSB
- 7-9 YLRL YL Anniversary Contest, CW
- 9 EU Autumn Sprint, CW
- 9 FISTS Fall Sprint
- 9-10 VK/ZL/Oceania Contest, CW
- 9-10 Southern African HF Field Day
- 9-10 BARTG RTTY Sprint
- 9-10 Two Meter Sidewinder Shootout
- 9-10 Pennsylvania QSO Party
- 10 Iberoamericano Contest
- 10 10-10 Day Sprint

Membership Form

Ottawa Amateur Radio Club Inc.

Box 8873
Ottawa, ON
K1G 3J2

Membership Renewal / Application

Callsign(s) | | |

First Name | Last Name |

Address |

City | Prov | Postal Code |

Home Phone | - | Work Phone | - | ext |

Email Address | @ |

Current Qualification: Basic Advanced Grandfathered
5 wpm 12 wpm Year Licensed 19 | |

- Renewal (\$20 single, \$25 family, \$10 junior)
- Newly Licensed ham - \$FREE if licensed in current membership year
- New Single Membership - \$20 (\$15 after February)
- New Family Membership - \$25
- New Junior Membership - \$10



BML Communications

(a division of Bytown Marine Limited)

5 Corvus Court, Nepean, ON, K2E 7Z4

Tel: 613-723-8424 Fax: 613-723-0212

Email: gwalker@bml.ca

Web: www.bml.ca

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- JRC
- KENWOOD
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- YAESU

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