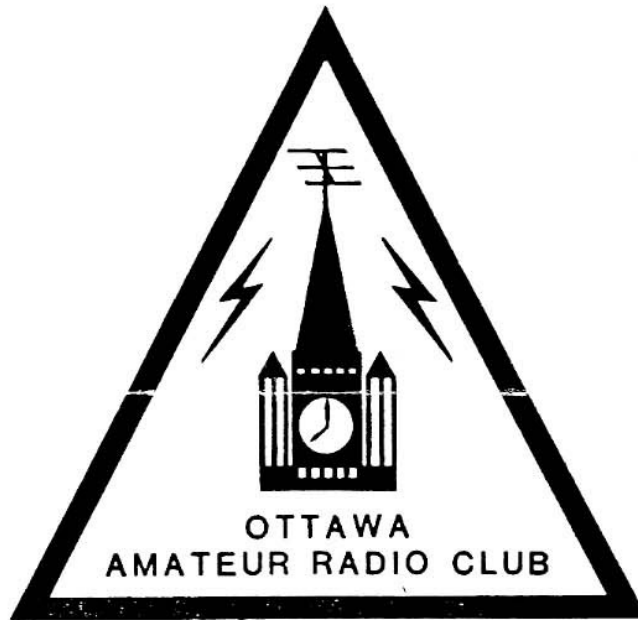


SEPTEMBER 1994



NEXT MEETING WILL BE HELD  
WEDNESDAY, SEPTEMBER 7, 1994

# GROUNDWAVE



Club Call VE3RC

Repeater VE2CRA

VE3LXP

Official Bulletin of the Ottawa Amateur Radio Club, Inc.

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

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Directors	Paul Griffiths, VE3PGL Ed Sieb, VA3ES Bob Paterson, VE3IDG		
Packet Group Chair	Paul Griffiths, VE3PGL		
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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 first Wednesday of each month (except July and August) in the Champlain Room (2nd floor of the Old Teacher's College) of the RMOH HQ complex on Lisgar St., Ottawa, at 1915 hours. Further details about each meeting is elsewhere in this publication.

THE OARC EXECUTIVE normally meets on the second Wednesday of each month at 1930 hours. Contact the President to confirm the date of the next meeting.

PACKET RADIO MEETINGS will be held at 7:30 p.m. on the last Thursday of every 2nd month, starting September 1993, at the Museum of Science and Technology. This is an OARC technical meeting open to all who have an interest in packet radio.

DEADLINE FOR COPY is the second Wednesday of each month. Make yourself better known to fellow members and other amateurs, too, by giving us an article, technical or otherwise, relative to our hobby.

MATERIAL PUBLISHED herein does not necessarily represent the official OARC viewpoint. Items may be reprinted by Amateur Radio or other publications provided that proper credit is given to the author and to the OARC, Inc.

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 a 50% discount but the junior member must pick up his/her copy of the Groundwave (preferably at the meeting).

RADIO AMATEUR CALL BOOKS are available at many local libraries. Ask at the information desk.

SAFETY BELTS AND AN ENGRAVING PENCIL are available for loan to club members. The engraving pencil (to mark valuables for identification in case of loss or theft)

and the safety belts with pole straps are available to any members. For the belts, a refundable deposit consisting of a cheque equal to the replacement value of the belts is required. Contact the President for the engraving pencil; and Paul, VE3ICV, at 820-6643 (West End) or Brian, VE3JKZ, at 523-1535 (East End) for the belts.

THE CAPITAL CITY NET meets every Monday at 2000 hours on the Club Repeater VE2CRA (146.34/.94) to pass traffic and to make announcements of interest to amateurs in the National Capital Region.

PACKET RADIO VOICE NET meets following the Capital City Net on VE2CRA at 2040 hours. This is an informal net to answer questions about packet radio, pass along operating hints and provide information for future packet operators.

THE SWAP NET is a service provided and conducted by Ed Morgan, VE3GX. This feature appears on the Capital City Net, noted in the foregoing paragraph. To list items and make inquiries, call Ed Morgan at 733-1721.

POT-HOLE NET is a SSB/HF net sponsored by the Ottawa Valley Mobile Radio Club, and conducted every Sunday at 1000 hours on 3.760 Mhz. All amateurs are welcome to check in. The Swap-Net is a regular feature.

POT-LID CW NET is an informal slow-speed CW net sponsored and conducted by Ed, VE3GX, and meeting every Sunday, except during July and August, at 1100 hours on 3.620 Mhz, to promote interest in CW and CW procedures.

REPEATERS

VE2CRA	Voice	146.94/34 443.300/448.300
VE3OCR	Packet	145.01(sx) Inter city links
VE3OCR	Packet	145.07(sx) Local Area net for QSO and Packet BBS.
56 kbps	Packet	220.55/433.55
VE3XDX	DX Info	146.25/146.85;
	Packet	145.11(SX)

For further information, please contact repeater chairman.

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ELECTIONS

Peter Jago, VE3PWJ presented the nominating committee's proposal for the executive and called for nominations from the floor for any position.

The 1994-1995 executive was elected as follows:

- President: Roger Swickis, VE3BZR
- Vice president: Richard Hagemeyer, VE3UNW
- Secretary: Larry Woram, VE3WLM
- Treasurer: George Roach, VE3BNO
- Director: Paul Griffiths, VE3PGL
- Director: Ed Sieb, VA3ES
- Director: Bob Paterson, VE3IDG
- Repeater Chair: Harrie Jones, VE3HYS
- Groundwave Editor: Mike James, VE3PDE
- Past president: Paul Coverdale, VE3ICV

MINUTES OF OARC GENERAL MEETING  
HELD JUNE 1, 1994

The meeting was called to order at 19:40 by Paul Coverdale, VE3ICV.

Guests were welcomed to the club and invited to sign the guest book. Signed in were:

- Tom St-Julien
- Darryl Millison

Maurice-Andre, VE3VIG, read a petition urging Industry Canada to enforce the Radio Act. All were invited to sign.

A change of club bylaws was presented by the executive to the club members for their consideration. The change would add the packet chair and the membership chair to the executive and reserve one of the director positions for the packet working group. Also proposed was that the quorum for a regular executive meeting be set at five members and the quorum for a special meeting of the executive be set at seven members.

After some discussion about the constitutionality and wisdom of changing the bylaws it was moved by Dave Parks, VE3AV, and seconded by John Conner, VE3TG, that this issue be tabled until September, 1994. The motion was carried. The executive made a plea for any member who had knowledge or documentation regarding the club bylaws to come forward. The executive would endeavour to publish over the summer the latest version of the club bylaws.

ANNOUNCEMENTS

1. Field Day - Last rainy weekend in June at BNR, all welcome.
2. Bud Jones will be re-buried at Pinecrest cemetery.
3. Mike's Toys were on display.
4. Bunny Hunt June 10-11 by Gord, VE3XGD and Darren, VE3OIJ.
5. Repeater Council Report was made by Dave Parks, VE3AV.
6. Repeater Report - The status of the new controller.
7. Air Show - Canada Day Weekend, volunteers needed.
8. Membership - It's that time of the year again!
9. Free Coffee for guests.
10. VE3DYK needs a 2 metre rig. If you have one call Fred Noble.

ADJOURNMENT

The meeting was closed by our new president, Roger Swickis, VE3BZR, at 20:50.

mk's WORDS

Aug. 16/94 - By the time you read this, summer will have escaped us for another year, on the ground, if not on the calendar. It won't be long before the BBQ has to go into hibernation again. The camping trips are pretty much over, the antennas are down from the cottage and once again there is a list of projects that didn't get a round tuit. If nothing else, at least we got another heap of people through the Basic course. I expect you will read all about that elsewhere in this issue. When you hear an unfamiliar callsign on the air around town, remember they might be the last of the tourists or newcomers to the game. In either case, say hi, you'll meet some interesting folks.

There's always something good to say for every season, and for the fall, it's propagation. With the lengthening nights and the lessening of thunderstorm activity in this hemisphere, the lower bands start to be useable again. Given that we are getting ever closer to the bottom of the sunspot cycle, it will be handy to have 80 and 160M back with us again.

I hear noises about another bunny hunt coming up on August 27th. This time it is for stationary hunters. The idea is to team up and get several bearings from different fixed stations. It should be a good way for people with beams on towers to get in on the bunny hunting action without leaving the comfort of home. Keep an ear out on the local repeaters for more details. The last hunt covered a heap of real estate, but I managed to cycle right by the critter (within a kilometre) without hearing it. Well, I never claimed to be good at this stuff, just keen. I hope to see you at the next one.

That's it for now, 73 and put away the bug stuff. Last word...Fleamarket (Tis (almost) the season, please help out)

mk VE3FFK

RADIO AMATEURS OF CANADA  
NEWS SERVICE - JUNE 1994

EMCAB-2 ADVISORY BULLETIN OF MAJOR CONCERN TO RAC - Industry Canada has killed TRC-86 but resurrected it under an advisory bulletin called EMCAB-2 which appeared in the Canada Gazette recently. It is now in effect, but is not a regulation nor mandatory, but states that with the Department's present Power of Determination under the Radio-communication Act, the origin of harmful interference may be assessed by an Inspector by measurement of radiated field strength levels.

RAC has concerns that the main issue of manufacturing standards has not been addressed, nor has the operational procedure been developed for making the measurement. Reducing power to meet the levels specified will permit continued operation, but it does nothing to address the social inconvenience of the complainant since the manufacturer has no obligation for immunity of products, according to a RAC news release. Furthermore, RAC objects to associated equipment which contains tuners for broadcast reception (example VCR's), escaping any form of type approval.

Essentially, the inequity of the principle of spectrum sharing has not been addressed either, and this concerns us greatly, says Ralph Cameron, VE3BBM, speaking on behalf of RAC.

RAC AND RED CROSS ENTER AGREEMENT OF UNDERSTANDING - A memorandum of understanding has been signed between Farrell Hopwood, VE7RD, President of RAC and Brian Gilbertson, National Director Field Operations of the Red Cross Society. The agreement includes appendixes, which define the two national organisations, and guidelines for cooperation. The Amateur Radio Emergency Service (ARES) and the National Traffic System (NTS) and the relationship these two programs have in providing communications during times of need are explained.

Mr. Donald Shropshire, National Coordinator Emergency Services of the Red Cross, stated that he was delighted that this work, which had been going on for some time, was now complete. He stated that several times during the past five years the Red Cross has had to rely on Amateur Radio personnel for emergency communications.

The past deliberations of the late Jack Strangleman VE3GC, and more recently Larry Thivierge VE3GT, Ontario Section Manager, and Ken Oelke VE6AFO, RAC Field Services Manager, has brought about this agreement.

INDUSTRY CANADA AMENDS SPECIAL PREFIX POLICY - Industry Canada has announced an amendment to their policy on special prefixes. This amendment makes clear which prefixes can be authorized in which call areas. Please refer to Industry Canada document RPC-2-8-01 for details of the policy. The distribution of prefixes is as follows:

Call Area	Possible Special Prefixes
VE1	CF1 CG1 CH1 CI1 CJ1 VA1 VB1 VC1 VD1 VF1 VG1 VX1 XJ1 XK1 XL1 XM1
VE2/VA2	CF2 CG2 CH2 CI2 CJ2 VB2 VC2 VD2 VF2 VG2 VX2 XJ2 XK2 XL2 XM2
VE3/VA3	CF3 CG3 CH3 CI3 CJ3 VB3 VC3 VD3 VF3 VG3 VX3 XJ3 XK3 XL3 XM3
VE4	CF4 CG4 CH4 CI4 CJ4 VA4 VB4 VC4 VD4 VF4 VG4 VX4 XJ4 XK4 XL4 XM4
VE5	CF5 CG5 CH5 CI5 CJ5 VA5 VB5 VC5 VD5 VF5 VG5 VX5 XJ5 XK5 XL5 XM5
VE6	CF6 CG6 CH6 CI6 CJ6 VA6 VB6 VC6 VD6 VF6 VG6 VX6 XJ6 XK6 XL6 XM6
VE7/VA7	CF7 CG7 CH7 CI7 CJ7 VB7 VC7 VD7 VF7 VG7 VX7 XJ7 XK7 XL7 XM7
VE8	CF8 CG8 CH8 CI8 CJ8 VA8 VB8 VC8 VD8 VF8 VG8 VX8 XJ8 XK8 XL8 XM8

Call Area	Possible Special Prefixes
VE9	CF9 CG9 CH9 CI9 CJ9 VA9 VB9 VC9 VD9 VF9 VG9 XJ9 XK9 XL9 XM9
V01	CZ1 CZ3 CZ5 CZ7 CZ9 V03 V05 V07 V09 X01 X03 X05 X07 X09
V02	CZ2 CZ4 CZ6 CZ8 CZ0 V04 V06 V08 V00 X02 X04 X06 X08 X00
VY1	CK1 CK3 CK5 CK7 CK9 VY3 VY5 VY7 XN1 XN3 XN5 XN7 XN9
VY2	CK2 CK4 CK6 CK8 CK0 VY4 VY6 VY8 XN2 XN4 XN6 XN8 XN0

Stations with CY9 (St. Paul Is), CY0 (Sable Is), VE0 (Shipboard) or VY9 (Industry Canada) callsigns are not eligible to use any special prefixes.

SUMMER 1994 EVENTS WE'VE HEARD ABOUT...

September 10. Lindsay Amateur Radio Club Fleamarket, Lindsay Fairgrounds, Lindsay, Ontario.

September 17. Kingston Amateur Radio Club Fleamarket, St. Margaret's United Church. For information via packet VA3TLL@VE3CDY.

NEW OARC REPEATER RULE

Anyone having trouble accessing the repeater while using less than 10 watts with a dipole antenna may no longer complain.

THE SUMMER BASIC COURSE - TAKE 2

It's late August and all is quiet in the classroom at Carleton. The students have gone off to try out their new(?) ham gear with their newly acquired licenses.

The instructors are wondering how they survived the summer. Planning lessons, explaining to students technical concepts in layman's lingo, trying to instill a

little of the mystique of amateur radio in 2 hours once a week classes and perhaps produce future leadership for the amateur radio hobby.

It was a success. The 19 students who 'stuck it out' for the 16 weeks all passed their BASIC. A few of them passed the ADVANCED and one or two got their 5 WPM.

In the two years that the OARC has been giving the course, over 30 students have qualified as amateurs. This year an interesting characteristic of the course was the presence of whole families in the course and succeeding.

The instructors deserve to be thanked:

- Richard Hagemeyer, VE3UNW
- Rick Furniss, VE3IHI
- Mike Kelly, VE3FFK
- John Connor, VE3TG
- Rob Morrison, VE3ZZR

The successful students are to be congratulated:

Gordon Beatty - Basic and Advanced  
 William Beatty - Basic  
 George Charet - Basic  
 Mike Gil - Basic  
 Alan Goodall - Basic  
 Rhonda Holmes - Basic  
 Alan MacPhee - Basic  
 Brian Martin - Basic  
 Nancy Martin - Basic  
 Santos Isidro Matias - Basic  
 Dave Milne - Basic  
 Carl George Morin - Basic  
 Dean Charles Morin - Basic  
 Cathy Phillips, VA3CAP - Basic  
 Chris Phillips, VA3CWP - Basic  
 Heidi Phillips, VE3HHP - Basic  
 Keith Rupert - Basic and 5WPM  
 James Sinclair - Basic and Advanced  
 Tom St-Julien, VA3OFD - Basic & Advanced

Hmmm, I wonder what will happen next summer.....?

Dave Parks, VE3AV

### OARC FLEAMARKET

Remember to get ready for the upcoming OARC Fleamarket on:

- Saturday, Oct. 15, 1994
- from 9:00 to 12:00
- at the Cumberland Community Centre (same as last year).

Admission: \$4.00 entry which includes a door prize ticket.

Private vendors: \$10.00 per table which includes one entry. For table reservations, contact Peter Hafichuck, VE3LBW, at 745-0608.

Door prize will be donated by Bytown Marine, Graham, VE3GGW.



WHY IS IT, THAT NO MATTER HOW MANY PARTS YOU SAVE - YOU NEVER HAVE THE ONE YOU NEED!

de LARC Bulletin, Bulletin of the London Amateur Radio Club