

NOVEMBER 1996



# GROUNDWAVE

NEXT MEETING WILL BE HELD  
WEDNESDAY, NOVEMBER 6, 1996



Club Call VE3RC

Repeater VE2CRA

VE3LXM

## Official Bulletin of the Ottawa Amateur Radio Club, Inc.

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

President	Richard Hagemeyer, VE3UNW	225-3275	781-0621
Vice-President	Ed Strange, VA3CEJ		
Secretary			
Treasurer	George Roach, VE3BNO	234-0885	738-2372
Past-President	Roger Swickis, VE3BZR	234-9836	228-6310
Directors	John Connor, VE3TG	727-5808	951-6202
	Rick Furniss, VE3IHI	224-2604	
	Dave Parkes, VE3AV	225-1206	993-7259
Packet Group Chair	Norm Rashleigh, VE3LC	837-1733	998-7334
Repeater Chair	Harrie Jones, VE3HYS	739-9365	738-2372
Net Manager	Wayne Greenough, VE3JSQ	836-5320	724-5464
EMI Committee Chair	Ralph Cameron, VE3BBM	825-1634	225-2850
Membership Chair	Clayton Jenkins, VA3CBJ	820-0463	998-8653
Nat. Cap. Award Manager			
Publicity	Mike Pilon, VE3BUP	731-1567	
Groundwave Editor	Ed Sieb, VA3ES	738-8924	
Graphic Designer	Maria Townson, VE3KIP	828-9573	
Production Committee	Paul Campbell, VE3CEP	733-0148	
	Ted May, VE3ADZ	741-0862	
Delegated Examiners	Richard Hagemeyer, VE3UNW	225-3275	953-0638
	Mike Kelly, VE3FFK		788-2600
Coffee Guy	Mike Kostiuik, VE3KOY		

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 Keefer Room (2nd floor of the Old Teacher's College) of the RMOCC 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) 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 Dan Reardon, VE3GUU. This feature appears on the Capital City Net, noted in the foregoing paragraph. To list items and make inquiries, call Dan Reardon at 836-2633.

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
VE3DX	Packet	145.11(SX)

For further information, please contact repeater chairman.

OARC WWW Home Page:

<http://www.worldlink.ca/oarc>.

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**NOVEMBER MEETING:** November 6, 1996, at 7:30 PM Keefer Room, RMOC 111 Lisgar St. Ottawa.

MINUTES OF THE OARC GENERAL MEETING  
OCTOBER 2, 1996

The meeting was called to order by the President, Richard, VE3UNW at approximately 19:45.

Ed Strange, VA3CEJ announced that the RCMP's 125th Anniversary will take place in 1998. The commemorative call sign they will use is VE3RCMP. Participants are required for station operations and as well financial donations are also solicited to help defray the costs and to help in equipment acquisitions.

Paul, VE3IGV spoke about the Club's Field Day results. The Club achieved over 3,300 points overall. Full details are published in the November issue of QST.

Joe, VE2JHT announced that Capital Region Police departments need Halloween Patrol participants. Contact VE2HRP/VE3HRP, Gilled Theriault at 246-3245 (h) or 954-2420 (w). Halloween Patrol will use VE3LCC repeater, 146.79 -.

Ken, VE3JAF inquired as to whether RAC can establish a fund for the maintenance of repeaters, or is there a fund established now to provide insurance for repeater operators.

Ed Strange, VA3CEJ spoke about Will Warren's DF system and its evolution to it's current state-of-the-art. Students at Algonquin College have developed new DSP software to enhance the performance and accuracy of the DF system. This new software can integrate existing high-end GIS/GPS systems with the DF to plot a target's coordinates with extreme accuracy. So sophisticated is this system that CPCARC (Canadian Police College ARC) has taken over the project. This new system can plot coordinates of targets right to map overlays and display on computer screens. Other clubs are encouraged to get involved. As we (Canadian Hams and RAC) take on more and more responsibility of enforcement and regulation of our spectrum, the need to monitor, locate and identify miscreants becomes imperative.

Doug Frame, VE3XK discussed RAC/ARAS. Phase I of the transition from government to private administration includes the incorporation of ARAS and the taking over of all administrative responsibilities from Industry Canada. This aspect is, for the most part completed, and only a few details are left to be settled. The next phase, Phase II involves the areas of Enforcement and Monitoring and the administration of the Radiocommunications Act by ARAS. One of the more interesting and challenging aspects of the change-over has been the acquisition of the licence data-base from IC. The original database consisted of an integrated listing of both station licences and certificate holders. The database is not correlated, and there is no easy way of determining which certificate holder holds which callsign, nor which certificate holder is still valid (alive). One major task for ARAS is to revamp the database so as to be relational so that any one data element may be correlated against any other. This will allow ARAS to match certificate holders to callsign. By the way, the oldest entry in the database dates to 1911!

On a sad note, Doug mentioned that long-time CRRL/RAC member Noel Eaton, VE3CJ is a Silent Key.

George Roach, VE3BNO gave out some financial figures for 1996. Membership income was \$1,960. GROUNDWAVE costs were -\$1,549.53. Operation costs were -\$1,350.

Richard closed the meeting at 20:45, followed by a ragchew and coffee.

#### mk's WORDs

Oct 2 96 - Oh look, the new Groundwave is here.. I guess that means summer is over, and it's time to start writing again. Where did it go? The bike has only a few hundred kilometres on it, and I haven't done half of the things I usually try to do at least once a summer. At least I got to take the bike to a couple of drive-in movies before they disappear from the area.

The antenna farm looks in sorry shape. Once those leaves are off the trees, maybe I can do something about it. Maybe I can give the trees a once over as well, they are starting to compete for space with the wires. The bad news is that I've been (for me) unusually "radio (in)active", with most of my radio time going to courses, exams and things like that. The good news is that the ionosphere is waking up after its long sleep. Maybe that will get me going again. I hope so, since Richard (UNW) and I have decided to give the (Advanced/Basic) cycle of courses a little time off. From the look of things, we have finally caught up with the backlog of demand for training in the community. I doubt that we will be doing another Basic course for a few years. Look for developments in the way of an advanced Advanced course.

I'm (was) looking forward to the OARC fleamarket. So far this year, I have only managed to get to the OVMRC one, and Kingston. The "junk in the trunk" sale was ok, but I think more than a few got scared off by bad weather predictions (you can read that either of two ways). Anyway, I just have Cumberland and Belleville on my calendar for the rest of the year, so I'll have to make the most of them. If I don't see you at the QCWA convention, or the Repeater council meeting, I guess I'll see you at one of the fleamarkets.

By the time this hits the street, RAC will have moved its headquarters up here from Kingston. Welcome. I'm looking forward to their housewarming. Please do everything you can to make RAC wonder why they didn't move here sooner.

For those of you with good memories, Yes, I did get that access door to the roof done, but only on one end of the house. The two meter J pole will have to stay on the porch roof for a little while longer. The HF loop hasn't gone anywhere except down. The trees did in the loop in the front of the house and the one in the back hasn't been touched yet.

73..Get that wood cut, leaves raked, storm windows on, ..sigh

mk VE3FFK