

THE GROUNDWAVE

SEPTEMBER 1990



NEXT MEETING WILL BE HELD
WEDNESDAY, SEPTEMBER 5, 1990

Club Call VE3RC

Repeater VE2CRA



Official Bulletin of the Ottawa Amateur Radio Club, Inc.

<u>The Ottawa Amateur Radio Club, Inc., Box 8873, Ottawa, Ont., K1G 3J2</u>			
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Vice-President	Peter Jago, VE3PWJ	836-1013	836-6860
Secretary	John Connor, VE3RMM	727-5805	
Treasurer	George Caskey, VE3NJJ	224-6415	
Past-President	Paul Cooper, VE3JLP	821-2167	
Directors	Clare Fowler, VE3NPC	232-1081	
	Dave Parks, VE3GSA	225-1206	998-6557
	Rob Morrison, VE3ZZR		
Packet Group Chairman	Doug Yuill, VE3OCU	230-1741	
Repeater Chairman	Harrie Jones, VE3HYS	739-9365	738-2372
Net Manager	Wayne Greenough, VE3JSQ		
EMI Committee Chairman	Ralph Cameron, VE3BBM	825-1634	225-2850
Membership Chairman	Mike Kelly, VE3FFK	722-5918	788-5782
Nat. Cap. Award Manager	Brian Summers, VE3JKZ	523-1535	996-7885
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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) at the National Research Council Auditorium, 100 Sussex Drive, Ottawa, at 2000 hours. A bulletin board is available for posting notices of interest to other members about 1915 hours. Further details about each meeting is elsewhere in this publication.

PACKET RADIO MEETINGS are held at 19h30 on the last Thursday of every second month beginning in September, at the Museum of Science and Technology. This is an OARC technical meeting open to all who have an interest in packet radio.

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.

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, 2-METER RIG AND AN ENGRAVING PENCIL are available for loan to club members. The 2-meter rig may be borrowed by members who are hospitalized. 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 2-meter rig or 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 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.

POI-HOLE NET is a SSB/HF net sponsored by the Ottawa Valley Mobile Radio Club, and conducted every Sunday at 1000 hours on 3.780 Mhz. All amateurs are welcome to check in. The Swap-Net is a regular feature.

POI-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.
 VE3OCR Packet 223.34/224.94
 56 kbps Packet 220.55/433.55

For further information, please contact repeater chairman.

MINUTES OF THE OARC GENERAL MEETING OF JUNE 5, 1990

The June general meeting of the Ottawa Amateur Radio Club was called to order by the President, VE2ZP, at 2002 local.

The first item of business was the greeting of visitors. There were four visitors present this month, including VE3EYS, VE3SEZ and VE3HKA.

The next item of business was the reading of the CARF bulletin by Dan, VE3EBI.

The feature speaker for the evening was Barry McLarnon, VE3JF. Barry gave an overview of the BBS network on packet radio, with an emphasis on the many different "specialized" interests served by the network, such as DX and NTS.

The hat was passed on behalf of the packet group, and a total of \$104.12 was collected.

Next on the agenda was elections for the executive for next year. There were no nominations from the floor, and the following slate of officers was declared elected for 1990/91:

President	Dave Goodwin	VE2ZP
Vice-president	Peter Jago	VE3PWJ
Secretary	John Connor	VE3RMM
Treasurer	George Caskey	VE3NUN
Directors	Clare Fowler	VE3NPC
	Dave Parks	VE3GSA
	Rob Morrison	VE3ZZR

VE2ZP pointed out those whose names are on the masthead of the Groundwave who are not part of the executive, but nevertheless contribute a lot of work on behalf of the club. The membership expressed their appreciation for those persons' efforts.

Mike James, VE3PDE, presented a plaque to Bill Hall, VE3JMC, to express the club's appreciation for Bill's work over the years in preparing the Groundwave for mailing. Bill will be stepping down this year and Paul Campbell, VE3CEP, has volunteered to take over.

The next item of business was a discussion of the proposed new fee structure for the club, as outlined on page 7 of the June issue of the Groundwave. It was MOVED by VE3ADZ, seconded by VE2JHT, that the proposed fee structure be adopted. There was no discussion from the floor, and the motion was PASSED unanimously on a show of hands.

VE3HYS was looking for 5 volunteers to assist in providing communications for the Rideau Canoe Club triathlon on the 12th of August.

VE3CDC spoke on behalf of the War Museum, which is looking for volunteers to help repair WW II radio equipment for an exhibit.

VE3FFK gave a short talk on his new "toy of the month", an SWR/wattmeter that he recently acquired.

There being no further business, the meeting was adjourned at 2200.

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*           SEPTEMBER MEETING
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*           Speaker will be
*           John Henry, VE2VQ
*           on the
*           Latest developments in
*           Amateur Satellites
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IN MEMORY OF BOB, VE3PUE

Bob would be the first to laugh at the euphemism, Silent Key. He said his key was always silent because he didn't like CW. I think, however, that it was a case of being interested in many other things that took precedence.

His interests were many and his abilities were remarkable. He undertook anyone's electrical or mechanical problems with a practical approach that could only come from long experience and a love of the challenge. And, for good measure, he threw in a large amount of administrative ability to the benefit of whatever organization he was involved with.

The Pioneer Amateur Radio Club received the benefit of his good council and he was also a member of the OARC and OVMARC, to which he also brought his ideas and enthusiasm.

His love and involvement with radio goes back to the 30's in Winnipeg when, as he liked to tell it, he was on the air illegally with a lash-up belonging to a friend. The war and the Air Force put a stop to that by making a RADAR technician out of him. After the war Bell Canada made use of his many talents by keeping him busy with many aspects of communications, including long haul microwave radio and television transmissions.

Since his retirement, at the end of '82, he spent a good deal of time pursuing his radio and computer hobbies, offering council and assistance to any and all who knocked on his door. Many of the handicapped, the blind, deaf, etc., have experienced the benefit of his knack for building assistive devices.

To his wife, Ethel, and son, Neil, I express sincere sympathy on behalf of the many club members who knew and respected him.

de Joe, VE3PDS

THANKS

Thanks to Rick, VE3HVA; Ric, VE3NJM; Chris, VE3PMR; Keith, VE3IMT; Michael, VE3BUP; Gord, VE3DY, Al, VE3ANO; and Keith, VE3GFI, for providing communications at the National Capital Triathlon on August 12, 1990. Thanks for all they did to make the event a success.

de Harrie, VE3HYS

CLUB INVENTORY

People storing club assets, please help us update the inventory list by advising the Treasurer (G. Caskey, VE3NHN), preferably in writing, of the items held.

PACKET MEETING

The next Packet meeting will be held Thursday, September 27th, at the National Museum of Science and Technology at 7:30 p.m. in the classroom.

HELP WANTED!

One of Canada's national museums which receives little publicity and is the poor relation when it comes to financing is the Canadian War Museum right here in Ottawa. While millions of dollars and publicity have been lavished on building maintaining and updating exhibits in the other National Museums, little has been allotted to the War Museum. Remembering the fact that twice in this century Canadians took up arms to defend their country and beliefs is no longer

fashionable and hence the politicians have been niggardly in their funding of the War Museum.

Which is where Amateurs can help out by volunteering to repair and refurbish some of the scores of radios, telephones and other signal equipment, especially those of us who used it a half-century ago. The idea has been received with interest and negotiations are under way to have the museum management okay the proposal. One project would be to refurbish a number of the famous No. 19 wireless sets and install them in the Museum's vehicles as they appeared during WW II.

Volunteers would sign out the equipment and work on it in their own shacks. Parts would be available by cannibalizing, scrounging or bought by the Museum.

Another way to assist would be to donate any armed forces surplus equipment which is gathering dust in your basement. Some equipment has already been donated by VE3BAD, Joe Blanchette - - two RCAF 1155 receivers, an AC power supply and an Aldis lamp.

Donated equipment is reviewed by a Museum committee and if accepted a cash offer or an income tax deduction for a "Gift to Canada" can be made if the donor wishes. Donations should be taken to the Museum warehouse, 221 Champagne St. North. (Call the Museum at 992-7982 beforehand.)

If you want to participate in this interesting and worthy project, or are going to make a donation, please call me at 733-7108.

de Doug Burrill, VE3CDC

(Five volunteers have been recruited and work is expected to begin in September.)

THE MEMBERCHAIR SHIPMAN'S MESSAGE

It's time for me to bug you again about renewing your membership. If you don't, you get September and October Groundwave, and that's it. The only reason you get October, is because the famous Box 8873 doesn't get cleaned out too often. SO if you are a procrastinator, or just want the darned check to clear quickly (well, less slowly), then send your renewal direct. My address is on the renewal form. Since you're all big boys and girls, I promise not to bother you about renewing again this year...But don't complain if you miss a Groundwave.

THE OTHER STUFF: Trivia answer VE3RC, VE3NCR, VE3XDX, VE3OCR, VE2CRA. I think that's enough callsigns, even for a club the size of ours. Did I leave any out?

NEW TOY: For over a year now, I have been lusting after a new "DC to Daylight" receiver (AOR 3000). I recently got a letter saying it is now available. When (or if) it shows up, I will do a "product review" at the club meeting. Meanwhile, what new toys have you built/bought over the past year? If you have a new rig, gizmo or whatever, get the Prez to schedule a few minutes in the meeting for you. Let the rest of us know how you like it, so we can decide if we want to get one too. Even if it's a turkey (especially if it's a turkey), let us know that too, so we can avoid making the same mistake. Either way, a five minute talk is worth more than a stack of ads in the magazines.

FIELD DAY: By the time you read this, field day will be a memory from the distant past, but I am writing it before the event. If the rest of the event goes (went) as smoothly as the planning stage, the day will be one of the best in recent memory. Thanks to all of you for helping out.

I just got word of a major regional disaster exercise coming in early September, so keep an ear on the local repeaters for more info. I view our participation in these kind of things, and other public service events, as a part of the "license fee" for using a slice of spectrum. Don't you?

LAST WORD(S) ..ADIEU HAM RADIO MAGAZINE..

73.. mike k., VE3FFK

AMATEURS AND PUBLIC SAFETY

by Mike Smith, NOHJY,
911 Dispatcher,
Ramsey County (MN) Sheriff's Office

As radio amateurs we have a responsibility and obligation to assist the public whenever the need arises. In some instances this assistance takes dramatic forms and is highly visible from a public relations point of view. In a major disaster the contributions made by hams usually are noted at some point on radio or TV and this can be highly satisfying and as close as we come to being rewarded for our efforts. When the big ones come we are ready and willing to swing into action and that's a good feeling.

But what about the smaller events that occur on a day to day basis? How do we serve the public interest in between those major events that make the headlines? Well we have traffic nets and SKYWARN. We have club activities and classes. We have special interest groups that aim to involve handicapped and other minority groups in our hobby. These all serve their purpose and for the most part accomplish their goals quite well. What I have in mind is on a smaller scale than these and does not require coordination and group skills.

How many times have you passed a stalled car on the freeway and not used your equipment to call for aid to those people? How often have you witnessed something suspicious and not bothered to use your equipment to notify the local police? Maybe it was unsafe for you to do so at the time. By all means if you cannot maintain safe control of your vehicle while juggling a loose handheld then you should wait until you can stop or otherwise place the call safely. But if you avoided making that call for less practical reasons then perhaps you need to spend some time reading the first few pages of the handbook. (ARRL . . .Ed.)

Consider that many people complain that the response time of the average public safety agency is slower than slow. The fact is that you can only provide the level of service to a community that the budget allows. The reality is that most budgets don't allow for saturation patrolling of a given community or highway system. Before a Public Safety Agency can respond to a problem they must be made aware of the problem. Although you have heard it before, it is true that the police are never around when you need them but you can rest assured once they know where they should be they will get there. Public Safety Agencies rely on you to be the eyes and ears that assist them throughout the entire area which they serve.

You should report any stalled vehicle that is occupied, blocking traffic, or likely to present a hazard of any kind to other motorists. It is very important to report stalled vehicles with elderly passengers since the cold can rapidly become dangerous or life threatening to these people. You should report any activity that appears to be criminal or suspicious either by radio or nearest pay phone. Do not endanger yourself in any way! If you cannot safely make a report at the time you observe the problem make a

mental note of as many details as possible and make the call when it is safe to do so.

Be as specific as possible when giving a location. Try to give such details as Northbound, Southbound, Westbound, etc. Give the nearest cross street and city or municipality. Try to judge accurately distance in terms of how far to the next major intersection. When describing vehicles, try to get such details as license plate numbers, (and letters since vanity plates are so popular . . .Ed) make, year, model, color, number of doors, style (hatchback, station wagon, hard or soft top) and anything unique about the vehicle such as location of rust holes or primer paint, antennas, glass cracks, etc.

When describing people, start from the top and work down: hat (type, color, etc.); hair (length, color, cut); eyes; nose; mouth (gold fillings, braces, missing teeth, etc.); ears (earrings); any scars or birth marks; coat, shirt, sweater, pants, shoes. Try to note anything that would stand out about the person and then fill in the rest from the suggestions above.

If you report an accident, try to be aware of any injuries and the severity. If you come upon the scene of an accident and it appears that Public Safety has not been notified you should make that a high priority. Even if you are trained in first aid or fire fighting you cannot handle the job alone. The sooner you have assistance the better for everyone involved. You must judge your ability and training and act accordingly. Never attempt anything more than you are qualified to do. Never endanger yourself at an accident scene. Even if the only action you take is to notify the proper authority, you have probably accomplished more than you realize. Just getting the tools and skills needed to the scene will save time, limit property damage and loss of life. What more can you hope for!

If hams can be prepared to assist on the big disasters there is no reason hams can't be prepared for the little everyday ones. Carry a notebook and pen or pencil in the car. Have the basic survival supplies in your car so you don't fall victim yourself. Most of all be prepared to use your equipment and skill whenever the need arises.

From Ground Wave,
the official publication of the
Saint Paul Radio Club,
Saint Paul, MN.
Ottawa Addendum

EDITOR'S NOTE: DO NOT DIAL 911 FROM A MOBILE, PORTABLE, OR CELLULAR PHONE. The 911 system is programmed to provide 'source of call' automatically for fast response but is unable to provide this information from mobile sources.

That leaves pay stations, private phones, or relay through another amateur. Your attention is directed to the Directory of Amateur Radio Club Members for the National Capital Region, and specifically to Section six, pages 69 and 70, wherein telephone numbers are given for Police, Fire, Ambulance, Hospitals, Search and Rescue, and Weather Agencies, etcetera. In Ontario, in lieu of use of 911 by a mobile station, the "0" operator may be requested to call Zenith 50000 for police assistance and Zenith 90000 for ambulance service.

In Quebec, the "0" operator may be requested to call Zenith 90000 for ambulance assistance.

KINGSTON FLEAMARKET

Saturday, Sept. 22, 1990. Kingston ARC 6th Annual Fleamarket, St. Margaret's Church, 690 Sir John A. Macdonald Blvd., across from Sears. 0900 - \$1.00. Talk-in 146.34/94.

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OTTAWA AMATEUR RADIO CLUB INC.
BOX 8873, OTTAWA, ONT. K1G 3J2 **

MEMBERSHIP RENEWAL/APPLICATION
1990-91

<PLEASE PRINT>---<PLEASE PRINT>---<PLEASE PRINT>---<PLEASE PRINT>---<PLEASE PRINT>

SURNAME: FIRST NAME: CALLSIGN(S):

ADDRESS:

LICENCE TYPE(S):

POSTAL CODE:

PHONE NUMBER(S) HOME #:

WORK PHONE #:

<PLEASE PRINT>---<PLEASE PRINT>---<PLEASE PRINT>---<PLEASE PRINT>---<PLEASE PRINT>

-
- Single membership (\$15.00)
 - Family membership (\$20.00)
 - Junior membership (\$7.50) must pick up groundwave (not mailed)
 - NEW APPLICATION (Fees as above, or \$10.00 if after Feb. 1991)
 - RENEWAL --OLD MEMBERSHIP NUMBER (from your card, if known):_ _ _

FAMILY MEMBERSHIP = 1 GROUNDWAVE/FAMILY, 1 DIRECTORY/FAMILY

Members are entitled to a free copy of the directory, so new or returning members who DIDN'T pick one up before, should see the membership chairman, currently Mike Kelly, VE3FFK, for their copy.

<ACTIVITIES & INTERESTS>

Favorite band(s)/mode(s)/ operating activity:

I WOULD LIKE TO BE CONTACTED ABOUT:

- Serving on club executive
- Helping with production of "The Groundwave"
- Operating or organising field day
- Speaking at a club meeting
- Assisting with the fall fleamarket/auction
- Operating as a net controller for the capital city fm net
- Entering a project in the homebrew contest
- Helping to provide communications for the Canadian Ski Marathon
- Helping with emergency communications
- Other (what would you like to do with the club this year?)

THANK YOU

** Applications might be processed a bit faster if sent directly to the membership chairman's home address: 25 Stevenson Ave., Ottawa K1Z 6M9, rather than to the P.O. Box (the box isn't checked daily).

**(THERE WAS NO PAGE 10
FOR THIS ISSUE. THE BACK OF
THE FORM WAS BLANK)**

-mk VE3FFK