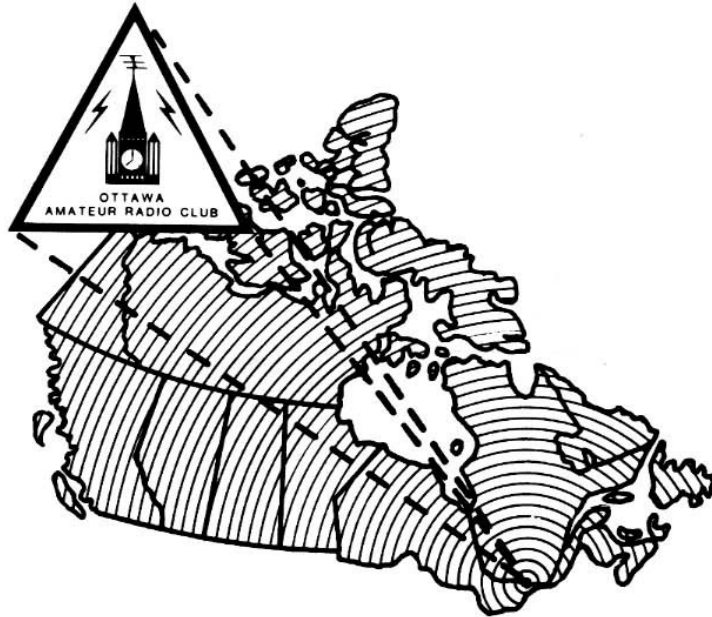


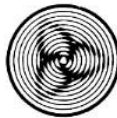
MAR 86

THE GROUNDWAVE



Club Call VE3RC

Repeater VE2CRA



Official Bulletin of the Ottawa Amateur Radio Club, Inc.

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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.

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.

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

THE OARC EXECUTIVE normally meets on the second Wednesday of each month in the Board Room of CFRA, 150 Isabella St., Ottawa, at 1930 hours. Contact the President to confirm the date of the next meeting.

DEADLINE FOR COPY is the executive meeting. Make yourself better known to fellow members and other amateurs, too, by giving us an article, technical or otherwise, relative to our hobby. They may get reprinted in far away places; and the family will be proud of you.

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 are elsewhere in this publication.

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.

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 member. A \$100 refundable deposit is required for the belts. 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.

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

MINUTES OF THE OARC MEETING,
FEBRUARY 5, 1986

The meeting was called to order at 2003 hrs. On a motion by Mike James, VE3PDE, seconded by Brett Delmage, VE3JLG, the minutes of the January meeting were adopted. One visitor, VE3OFB, was welcomed by the president.

The president reminded the audience that the April meeting will coincide with "homebrew night".

The motion published in the January Groundwave was put forward by VE3ADZ, seconded by VE3HMF. The motion read as follows: "Proposed that the Packet Radio Chairperson shall be appointed as a member of the Board of the OARC. Carried unanimously. Notice is, therefore, given to all members that the By-laws have been amended and that the number of Directors has been increased by one.

The main topic of the evening was introduced by the president. Craig Delmage drove the point home as he told the audience about measures they can take to make their home secure, minimize the possibility of loss of valuables and ensure the safety of members of the family. Craig underlined the fact that it does not have to cost you an arm and a leg to effectively discourage the average break-and-enter artist from making your dwelling a target. There is plenty of equipment, however, for those who don't mind spending what it takes to bring them peace of mind. Some examples of Craig's advice:

Buy an engraving pencil and engrave your SIN on your gear; do not advertise on the air when or where you are going on vacation; use two timers - one with the radio, one with the lights.

Kudos went to the crew responsible for the publication of the Groundwave. Our newsletter won the Newsletter of the Month award for the month of July, awarded by 73 Magazine.

Ralph Cameron received a standing ovation while he was being presented with a plaque for the more than eloquent way in which he has served the amateur community.

Ralph reported briefly on the Jack Ravenscroft trial which took place in January. Legal summaries are to be prepared by both lawyers and submitted at a hearing to take place in April. Then, perhaps, the judge will apportion costs and assess damages.

The cry for help from the Groundwave crew was heard: VE3PAP and VE3ADZ volunteered their services.

The new Field Day chairperson for this year is VE3JTZ. He is teaming up with Mark Farey to make Field Day another enjoyable experience.

Meanwhile Mark is putting the finishing touch to the directory: 800 names from 19 clubs have been entered so far.

Ark Stark has gleaned the following tidbits from the Canada Gazette for your benefit: Renewal fees for

amateurs is still \$20. Initial fees, however, have increased to \$26, prorated monthly over the year on a sliding scale. A fee of \$5 is assessed for an examination covering General Radio Regulations, Part I. The regulations part has been dropped from the Advanced Amateur examination.

PRESENTATIONS AT
FUTURE MEETINGS

I feel I must apologize to the membership for neglecting to have the program for recent general meetings published in the Groundwave. My main problem has been trying to locate willing speakers who will interest you. At any rate, I am doing my best to solve this problem. If you have any ideas on topics of interest, please contact me.

For the near future, the program will be:

- March - Bill Wilson, VE3NR,
Lightning and the Ham Shack
- Keith Bedal, VE3GFI,
Double Duckie D-F
- April - Homebrew Night
- May - Cellular Telephone
(tentative)
- June - Dave Anderson, VE3JTZ,
Field Day Report
- ACSB (tentative)

de Kathy, VE3OWY
Vice-president

BRAGS

1. The Groundwave was 73's July choice for Newsletter of the Month. Congratulations to Brett Delmage, VE3JLG, who edited it, as well as to the rest of the production team.
2. In a certificate dated November 1, 1985, the Amateur Radio News Service judged the Groundwave as "Excellent" in the 1985 Annual Publication Contest. The major share of credit for this must be go to our Graphic Designer, Maria Townson, VE3KIP.

VOLUNTEERS NEEDED

1. Five competent amateurs to serve as a nominating committee for next year's executive. Contact Kathy Rodd, VE3OWY.
2. Competent hams to act as judges on Home Brew Night. Contact Kathy, VE3OWY, at 722-0255.
3. Willing speakers for club meetings. Again, contact Kathy.

THE JOE NORTON TRUST AWARD
FOR AMATEUR RADIO

OARC members are probably all aware that VE3OWL was the first winner of the Joe Norton Trust Award for Amateur Radio. Not everyone may be aware of the source of the trust fund or just who was Joe Norton.

Joe, VE3PN, became a silent key in October 1979. At that time, his station equipment was donated to the club for whatever use might be made of it. After considerable deliberation, the gear was sold and the proceeds were used to establish the Trust Fund. The intent has been to maintain the integrity of the capital and use the earnings to fund the Award. Details of the rules and closing date for 1986 were published in the February 1986 issue of GROUNDWAVE.

Joe Norton was a founding partner with Peter Mahoney and George Gliniski of Computing Devices of Canada. Initially his chosen role was that of Vice-president Operations and later Vice-president Research and Engineering. Joe never accepted the post of President, preferring family life and hobbies to the social responsibilities of the top post.

Amateur radio was just one of Joe's hobbies. Joe "grew hobbies as other people grew tulips." This man who loved a challenge became interested in music and taught himself the piano. Similarly he became a competent sailor, a serious farmer, and not least a successful ham. As VE3PN he made friends with many ham operators around the world.

Joe Norton stories abound. He is described variously as brilliant, volatile, serious, a man of action, whimsical, the tactical brains of the company, dedicated. . . .

A later interest in life was helping his three sons and his daughter set up Norpak Ltd., their own high tech company in Pakenham, incorporated in 1975.

Joe Norton travelled a long road. Born Joseph Anthony Spychalski March 17, 1914, in Bydgoszcz (Bromberg), Poland, he graduated in engineering in 1939 just before the German invasion. Escaping from Poland through Eastern Europe, he eventually reached Paris where he worked for a time on the assembly line of an armaments factory. As the Germans approached Paris, Joe moved on, first to Grenoble and then to Canada via an American transit visa.

In Canada, Joe now Norton, worked as a lathe operator in Hamilton while learning English. After the war, he became a partner and manager in Polytronics Co. of Toronto developing instrumentation for laboratory tools. In 1948, Computing Devices of Canada was formed in response to a perceived need of the Royal Canadian Navy.

In coming full circle, we have merely touched the perimeter of a very full and complex life which the amateur community was fortunate to share and to honour by the Joe Norton Trust Award for Amateur Radio.

PACKET RADIO GROUP

Please mark your calendar and plan to attend the second Packet Radio Group meeting on Wednesday, March 26th, at 1930, in room 719 of the CBC Building, 250 Lanark Road, Ottawa. Parking is in the East lot between the Telsat dish and the cafeteria door. Please do not park in the front lot for visitors as this causes problems for the security staff.

Thirty-four attended the first meeting. Thirteen of these are now on packet. Twenty-six were already OARC members and five joined at the meeting. The discussion at the meeting outlined purpose and projects. Familiarization and assistance will be a main theme of future meetings, and it was the desire of the group to meet every two months. The group also suggested a discussion on VE2CRA after the Capital City Net on Monday evenings. This discussion has turned out to be mainly a question and answer session, and many favourable comments have been received.

The main activity is on 145.01 MHz simplex, and there are just over 40 active packet stations at present.

The agenda for the March 26th meeting will be: Demonstration of a Commodore/PR64 Packet Radio set-up; review of various controllers and answer questions (will have documentation on hand); update of Packet Radio Group projects, highlighting the 9600 bps link.

For information, please contact Dick Atkinson, 825-5619 (7:00 to 9:00 p.m.).

SILENT KEY, VE3YQ

Joseph Vincent (Joe) Davies passed away suddenly at his home in Ottawa on December 19, 1985, at the age of 66 years. He is survived by his wife Frances and two sons, Paul and David.

He went to Radio School in Halifax, Nova Scotia, and gained his Certificate of Proficiency in Radio (Commercial) in 1937. He served in the Merchant Marine as Radio Officer and joined the Department of Transport in 1939 serving as radio operator on stations at Camperdown, Halifax Marine, Sable Island on the East Coast, and at Nottingham Island in Hudson Straits. Joe was promoted to Radio Inspector and served in that capacity for four years at St. John's, Nfld.

Joe was posted to Ottawa in 1959 and worked in the Station Licensing Section of DOT/DOC and remained there until his retirement in 1974, after thirty-five years of service.

Joe was an active radio amateur for many years, a member of CARF and the Ottawa Amateur Radio Club. He was always willing to help fellow amateurs and prospective amateurs in any way possible. His friends in the Government and Amateur Radio Services mourn his passing.

SUSCEPTIBILITY

It is becoming increasingly more evident that manufacturers of consumer electric/electronic equipment are deliberately ignoring any requirement that the manufactured items must be made impervious to RF influences from outside sources.

It is difficult to comprehend why consumers should be expected to accept, without guaranteed redress, any appliance that insists on acting as a radio receiver and that responds to influences such as RF that have no relation to its purpose.

Manufacturers knowingly take a calculated risk that their product will be installed in an area where it will not be subjected to transmitted RF influences. They also gamble on purchasers not having sufficient knowledge about interference to place the blame for their problems where it rightly belongs.

The DOC, unlike its US counterpart, has resisted having a printed circular that would guide troubled purchasers to the proper target for their complaints. We must admit that some manufacturers are sufficiently conscientious to make suitable modifications to their product if it becomes susceptible to interference. Others hide behind limited warranties or the technical ignorance of the consumer and attempt to shift blame onto the invading transmitter which may be operating within all restrictions applicable to its operation.

This problem can only increase with the growing numbers of transmitting equipment appearing on the market: remote telephones, pagers, radio equipped construction equipment, delivery vehicles, taxis, electronic toys, and CB radios. The list is almost endless but the spectrum is not.

The DOC must react to the growth of this problem, probably in conjunction with the Department of Consumer and Corporate Affairs by establishing mandatory standards of rejection that will be incorporated at the time of manufacture or, at the very least, will be guaranteed as a manufacturer's responsibility in the event of complaints of susceptibility.

(extracted from a paper by Bob, VE3KLLK, in the Ottawa Valley Mobile Radio Club's RAMBLER)

FOR SALE

1. Interface for Commodore PET 2001 - RTTY, CW with software, by Macrotronics of California - \$50.00
2. Microlog ACT 1 dedicated system for RTTY, CW and AMTOR with
 - Memory retention for field work
 - RS232 output (printer)
 - Audio cassette output/input for mass storage
 - All metal case - RF-proof design
 - \$375.00

Call Bill, VE3KIF
Evenings: 828-9573

1986 CANADIAN SKI MARATHON

The Canadian Ski Marathon for 1986 is now history. If you have any comments on our part in the operation, please tell me. Doing the organizing for the first time I suspect there should be lots of areas which need improvement.

The following participated in the Marathon:

Tony VE2KM, Souly VE2FFS, Fred VE3OAF, Mel VE3OJN, Murray VE3NPB, Bill VE3IDC, Keith VE3IMT, Dave VE3JSD, Al VE3ANO, Dave VE3MPX, Chris VE3PAE, Larry VE3CRX, Rick VE3HVA, Charles VE3PAP, Andy VE3KIZ, Verna VE3ASM, Sydney VE3GVI, Carl VE3BYX, Barbara Everson, George VE3OWW, Ed VE3HCA, Mark VE3OWL, Dave VE3JTZ, Bill VE3KEB, Carl VE3OMA, Art VE3ZS, George VE3NJV, Bob VE3JDB, Al VE3LNH, Arlyn VE3AOE, Keith VE3GFI, Pat VE3KJQ, Dave VE3KMV, Brett VE3JLG, Doug VE3OSL and the Safety Crew: Bob VE3MPG, Dave VE3GSA, Sylvester VE3LBH, Eric VE3KIH, Rene VE3LOT, Ray VE3JRY and Peter VE3LBW.

Also thanks to Bob VE3CDG, George VE3BNO, Sylvester VE3LBH and Betty Frazer.

Thanks to all
Harrie, VE3HYS

RECOGNITION IN L.A.

The Los Angeles police and fire department have now gone on the record desiring greater access to Amateur Radio, especially during times of emergency. According to the Lockheed Amateur Radio Club newsletter, the recent Baldwin Hills brush fire disaster was a prime example of the way in which Amateur Radio could play a key role in the saving of both life and property. The fire department discovered that it had no way to determine what was happening on the other side of the hill from where they were fighting the blaze. If the fire had spread, they might have been a long time knowing it. They feel that Amateur Radio with its trained corps of skilled communicators can give them the extra eyes and ears that they desperately need.

de The Ground Wave,
Saint Paul Radio Club Inc.

BELIEVE IT OR NOT

It was reported at the club meeting that the JRSD fund has spent more than \$15,000. Not only does the mill of justice operate slowly and grind exceedingly fine, but it costs an astronomical amount.

LESSON OF THE MONTH

For some time now, I've heard concern expressed in respect to the gradual loss of time proven and honoured operating procedures on the 2 metre band. I have, therefore, spent many days monitoring the area repeaters and have listed some pointers for all of us to consider.

- Don't call CQ on a repeater.
- It is illegal to key a repeater without identification.
- Your transmissions are being heard by many listeners including non-hams with "public service band" monitors and scanners.
- Use simplex whenever possible.
- Don't break into a contact. Interrupting is no more acceptable on the air than it is in person.
- It is forbidden to use the autopatch for anything that could be construed as business communications. Nor should an auto patch be used to avoid a toll call.
- If you use a repeater regularly, support the efforts of the owners or groups who keep it on the air.
- Don't use pseudonyms when calling a friend, use correct call signs. There is not much difference between VE7 "Dirty Socks" and "This is the Black Rider 10.4".
- Don't use the Q code abbreviations unless absolutely necessary to clarify terminology. Try and use the Q codes correctly. International Q signals lists QTH as "What is your position in latitude and longitude (or any other indicate). QTH does not mean home or base, it means location of home or position.
- Don't be critical of others on public airways (you could be sued, or lose a lot of friends).
- Don't become a "hog". Let others who are monitoring reply to inquiries, requests for assistance, etc. How else can new hams gain experience?
- Don't leave your station or mobile where it can be played with by the young folks. Disconnect the mike and lock it away when you're away. Turn off the mains, etc.
- The operator of an amateur station shall ensure:
 - "Communications are limited to messages of a technical nature or of a personal character for which, by reason of their unimportance, recourse to the public telecommunications service is not justified: TRC 25 Issue 6, August 1, 1984".

Remember: Today repeaters, links, power supplies are very expensive. Electronic equipment wears out from use. Don't hold one hour rag chews on a repeater if you can go simplex. If you must hold a long rag chew, let the "break" in without delay. It could be very important. Your use of the system is a privilege, not a right.

de ZERO BEAT, the
bulletin of The Victoria
Short Wave Club, Inc.



Handwritten mark resembling the number '25'.

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

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