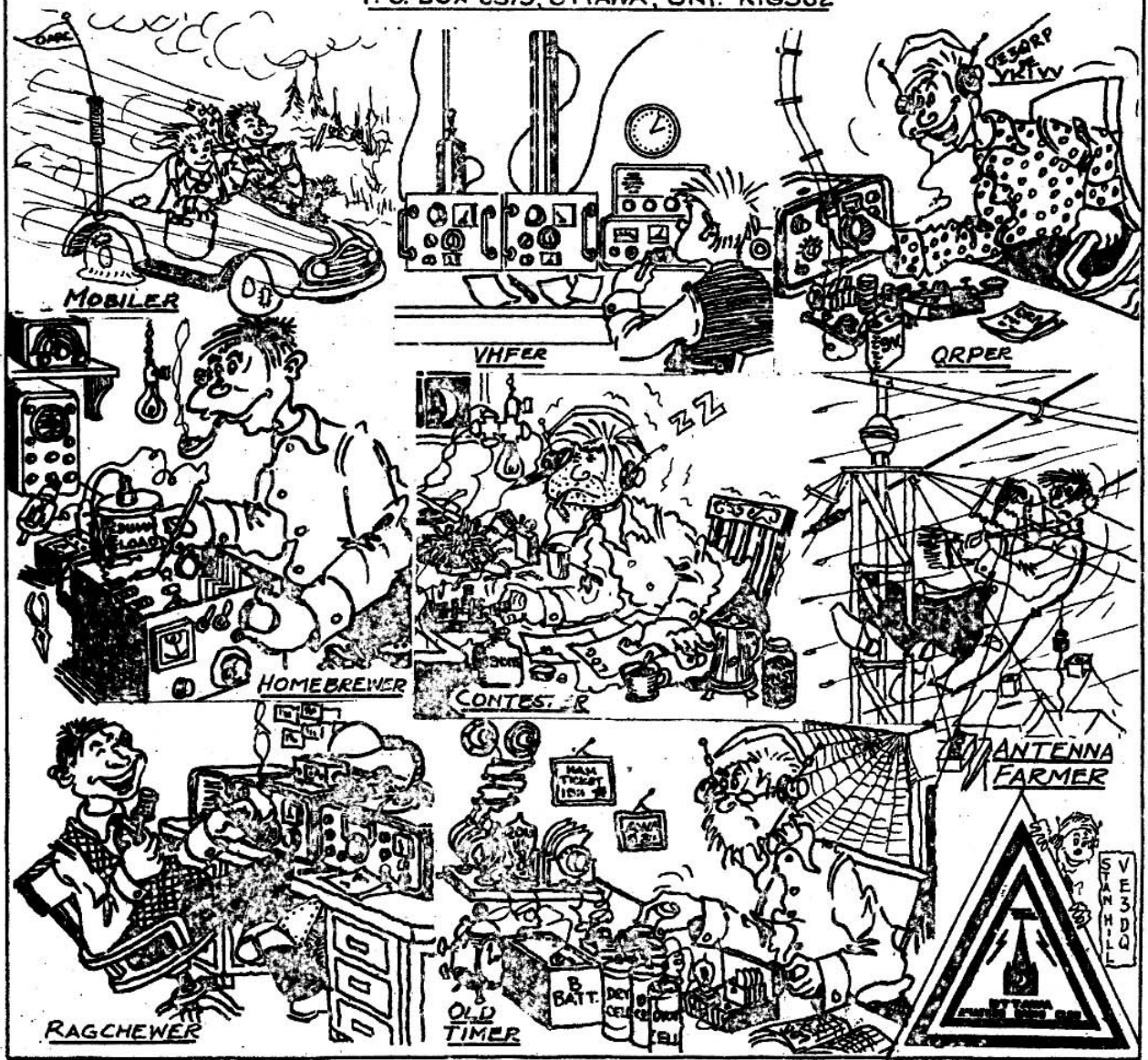




THE GROUNDWAVE

THE OFFICIAL BULLETIN OF THE OTTAWA AMATEUR RADIO CLUB
P. O. BOX 8573, OTTAWA, ONT. K1G3J2



1975 RSO CONVENTION - SKYLINE HOTEL, OTTAWA - OCT. 3 & 4, 1975

: THE GROUNDWAVE - OFFICIAL BULLETIN OF THE OTTAWA AMATEUR RADIO CLUB - JUNE 1975 :
: Editor Carl Everson Box #4, Osgoode, Ontario 826-2426 :
: VE3BYX KOA 2WO 822-2835 ext 35 :
: Publisher Ian Hamilton 128 Osgoode St., Ottawa, Ont. 232-9110 :
: ~~VE3AMK K2N-684~~ -----

MATERIAL PUBLISHED HEREIN does not necessarily reflect the official viewpoint of the OARC. Items may be reprinted by Amateur club bulletins and newsletters provided that credit is given to the GROUNDWAVE and to any other source mentioned.

DEADLINE FOR COPY for the midsummer (July) 1975 issue of the GROUNDWAVE will be June 30, 1975, for all items. THERE WILL BE NO REGULAR MEETING DURING JULY AND AUGUST!!! All articles and correspondence for the GROUNDWAVE should be addressed to:-
Carl Everson, VE3BYX, Box #4, Osgoode, Ontario, KOA 2WO

THE NEXT REGULAR MEETING of the Ottawa Amateur Radio Club will be held at the National Research Council, 100 Sussex Drive, Ottawa, on Wednesday June 4, 1975 at 2000 hrs. The main item on the program will be a talk by Dr. Jack Belrose, VE2CV/VE3DRC on the subject of "Vertical Antennas, Short and Tall (minus 20 to plus 9 dB/dipole)" emphasizing realizable gains and those claimed by some manufacturers. Jack has done considerable testing, evaluating and experimenting with antennas of all types and will have information of value to all of us. Another item for discussion will be the proposal of our Licence Reform Committee which was printed in full in the last issue of the GROUNDWAVE and which must be dealt with at this meeting.

THE OARC EXECUTIVE MEETS REGULARLY on the first Tuesday after the regular club meeting, in the Board Room at CFRA, 150 Isabella St., Ottawa.

THE RSO CONVENTION COMMITTEE MEETS regularly on the second Tuesday after the regular club meeting in the Cafeteria at CFRA, 150 Isabella St., Ottawa.

MEMORIAL STATION, VE3JW, has gone on a summer schedule and it is anticipated that a full-time operator will be employed during this time. Ed, VE3GX, the licensee, and the Ottawa Valley Mobile Radio Club Inc., the official sponsor, wish to thank the 194 Amateurs who have assisted to man the station to date, some having operated as many as 4 different times. (Txn to the RAMBLER and a doff of the Amateur Hat to Ed and the OVMRC-Ed.)

MARGARET NEILL, VE3FZY, spends her working day around the Civic Hospital and has offered to visit any Amateur who might be confined there. Call her at 725-4581, or after 5:30 at 253-9941 if you know of any Amateur who might appreciate a visit.

THE ART OF CIRCUIT-BOARDING - Did you follow the series in the GROUNDWAVE? If any OARC member wants to do some, I would be pleased to make suitable negatives from suitable drawings or artwork free of charge at my convenience. I can enlarge or reduce by a factor of three. Of course the number of boards would have to be limited to some degree since I would be working it into my normal daily work load. Call me, Larry Smith, VE3CGS, at home (833-2669) or office (993-2183). (Txn for the kind offer Larry - Ed.)

RENEW YOUR ARRL MEMBERSHIP through the OARC. You save and the club benefits.
-----See Hank, VE3BR, at any of the meetings-----

WHO HAS THE VISITOR'S BOOK ? - The Executive would like to see the practice resumed of having club visitors sign our Guest Book but this book is in the custody and safe-keeping of some helpful local Amateur -- and no-one can remember who has it! If you have it, or know where it might be, get in touch with any member of the Executive. Txn

A VERY WORTHWHILE ROLE for Amateur Radio was outlined by Bill Cheat, VE3CO, at our last meeting, that of encouraging and sponsoring handicapped persons to become Radio Amateurs. We now have two people in our midst who are waiting for assistance in this area. If you have any thoughts on the matter, or could help either as a sponsor, or as a member of a liason committee, contact Ron, VE3AUM, at 746-2484, or any member of the Executive.

MINUTES OF LAST REGULAR MEETING - The regular monthly meeting of the Ottawa Amateur Radio Club was held in the Auditorium of the National Research Council on May 7, 1975. The meeting was called to order at 2015 hours the President, Ron, VE3AUM, and opened with the introduction and welcoming of the visitors present.

The minutes of the previous meeting as printed in THE GROUNDWAVE were brought to the attention of the members. It was moved by Ken, VE3CAL, seconded by Larry, VE3CRF, that with the exception of an error in a call-sign and another in a surname, that the minutes be adopted as they appeared. Carried.

The Treasurer, Cy, VE3CVK, reported that our bank balance as of April was \$1646.46, and as of the May meeting date was \$1784.86. He also reported at length on form LF22 required by the bank and this form was duly signed by the President and Secretary.

The Editor of THE GROUNDWAVE, Carl, VE3BYX, was thanked for the job he is doing on getting the Club Bulletin out, and he replied that he is always open for stories, articles, or letters.

The RSO Convention Committee Chairman, George, VE3BNO, introduced the committee members and they each explained their activities and progress to date. Volunteers are still needed to help in various areas.

The Field Day Chairman, Bud, VE3UD, reported that he has called an organizational meeting for Monday May 12, 1975, at 1930 hrs to be held at Boy Scout Headquarters, Baseline Road. Field Day is being held on the weekend of June 28-29 this year.

The Emergency Communications Committee Chairman, Larry, VE3CRX, reported that the Boy Scouts were holding a survival week-end at Fitzroy Harbour, May 17-19, 1975. Volunteers are needed, along with rigs, mainly from 0830 to 1700 hrs daily.

The Chairman of the Committee on the Reformation of the Amateur Radio Service, Earl, VE3ECJ, gave a broad outline of what work his committee has done and on what proposals they are making. This was then opened for questions from the floor and for general discussion. Various points were raised by Art, VE3ZS, and commented on, and many others expressed opinions as well. Owing to a time restriction, the subject was closed until the June meeting when further debate will be carried on.

Guest speaker, Bill Choat, VE3CO, gave a very interesting and illuminating talk on working with handicapped people, especially blind people. He pointed out the duties of a sponsor to a blind person, and also showed the type of rig a blind person could operate and what the cost of renting this equipment from CNIB would be. This would be a new experience for the OARC and would be a worthwhile and rewarding project. How about some volunteers!!!

Bill was suitably thanked by Doc, VE3LC.

Moved by Hank, VE3BR, and seconded by Vern, VE3PY, that the meeting be adjourned. Carried.

The meeting adjourned for rag-chew and coffee at 2215 hours.

Maureen Neill, VE3FZY, Secretary.

RSO CONVENTION ASSISTANCE WANTED! - re Ladies' Program, anyone knowing of, or being involved in producing an art or craft, who would be interested in a display table with opportunity for sales at the RSO Convention, Sat., October 4, please contact Penny Robinson at 225-1276 as soon as possible, also, if you would be willing to donate a little of your time on or before the Convention, please call Penny as above. Hams! please bring this to your XYL/YL's attention.

Re prizes and exhibits - Attention all members! As co-chairman of the prizes and exhibits committee, I would welcome any help I can get from the membership. If you, through your various connections, can help obtain donations for prizes, or feel that you would like to give us a hand in any way, please call me anytime at 692-4596 or 692-2363, Ken Robinson, VE3GIR.

A FURTHER NOTE FROM HANK - The June meeting of the OARC will be the last time until fall to renew your ARRL memberships through the club. If your ARRL membership expires during July, August, September, or October, and you wish to renew through the OARC, see Hank Harley, VE3BR, at the next meeting. Renewal fee is \$10.00 per year.

AN OARC REPEATER-USERS MEETING was held on May 15, 1975, at 100 Sussex Drive, and was chaired by George, VE3BNO, the repeater licensee.

A discussion of the 440 MHz repeater included the high maintenance cost, the low number of users, the Lenkurt equipment installed for a short period in 1973, and the idea of paralleling the 440 with the 2-meter repeater. Circuitry now being assembled by Larry, VE3CRX, and George, VE3BNO, will parallel the two repeaters unless a 440 MHz user pushes his transmit switch rapidly four times during his initial transmission. This will separate the two repeaters and allow them to operate independently for a period of time.

Almost \$350.00 has been spent over the last three years to "solid-state" the two-meter repeater. A solid-state transmitter, receiver, and partly completed control circuit are on hand. VE3CRX, VE3CVG, VE3LJ, VE3AZY, and VE2DNM will endeavour to complete this project in 1975. As the solid-state transmitter has only 12 watts output as compared to the 30 watt transmitter now in use, a space will be left in the package for an additional amplifier.

The consensus of opinion was that the four-second delay on the first transmission be maintained and incorporated into the new control circuitry. As a temporary expedient, the code speed of the CW identifier will be increased to reduce the partial identifying which now takes place.

The new control circuitry will maintain the transmitter carrier during a complete set of transmissions, with a tone or tick indicating the resetting of the three-minute timer. This operation will be similar to the VE2RM operation.

The next Repeater-Users meeting will be held in October after the RSO Convention.

THE ST LAWRENCE VALLEY REPEATER COUNCIL met on May 3, 1975 at Radio Station CFRA in Ottawa. Representatives from St. Lawrence and Ottawa Valley repeaters discussed problems and future plans. The recommendations of the frequency committee were as follows-

- Carey Honeywell, VE3ARS, on behalf of an Ottawa group applied for a repeater to be located in Ottawa. The recommended frequency is 147.90 in, 147.30 out.

- Pierre Goudreau, VE2AIM, on behalf of the Club Radio Outaouais applied for a repeater to be located in Hull. Recommended 146.19 in, 146.79 out.

- Peter Quick, VE3GMQ, applied for a repeater to be located in Brockville. The recommended frequency is 147.72 in, 147.12 out.

- Jack Belrose, VE2CV, applied for a temporary assignment of 146.22/146.82 for a repeater to be located at Shirley Bay. It was noted that there would be intermod problems for the short time that the repeater would be in operation.

- Jack Belrose applied for a repeater to be located in the Ottawa-Hull area and requested a high set of frequencies. Recommended 147.96 in, 147.36 out.

Note the assignment of three 'high-in/low-out' repeater channels. These assignments are co-ordinated with the Montreal Repeater Council and with the Northern Council.

THE BALLOON-SUPPORTED TRANSPONDER designed and built by Helmut Frauscher, VE3FKU has completed two successful flights. The first flight on Saturday May 3 lasted for $1\frac{3}{4}$ hours and was first heard in Ottawa at 1325 DST at which time the balloon had been up for $\frac{3}{4}$ of an hour and had reached an altitude of 50,000 feet. Stations were heard from Northern New York, Sudbury, North Bay, and Toronto. Locals on were Larry, VE3QB, Ray, VE3CUA, and George, VE3BNO. This flight was marked by a rather rapid descent when the drop parachute only partly opened, and by retrieval the next morning from the melting ice of a near-by lake. The package was dented but not damaged operationally.

The second flight lasted for $3\frac{1}{4}$ hours the following weekend but it took two days of searching to recover the equipment. Helmut is now looking for a source of meteorological balloons so that he can continue his experiments. The balloon is a one-shot deal as it bursts at a certain height and is not reuseable.

THE WESTERN NEW YORK HAMFEST AND VHF CONFERENCE is attended by many Amateurs from the Ottawa area. It is being held this year on May 31 at the Monroe County Fairgrounds, Route 15A, Rochester NY. The program includes a "Repeater and VHF Seminar", and "220 MHz Repeaters and What to Expect". See you there....George, VE3BNO.

(Thanks to George, VE3BNO, for the above four items)

POOF! AND A BIG REFLECTOR FORMS IN THE IONOSPHERE - The USA Defence Department has revealed that scientists have for several years been creating instantaneous giant reflectors in the ionosphere that bounce radio signals to far more distant points than the normal ionosphere does, and it will also handle much higher frequencies.

Normally signals in the 30 to 600 MHz band are transmitted in a line-of-sight mode and have a range of between 50 and 100 miles. With the artificial reflector, however, signals can be propagated several thousand miles.

The "Communications Relay Satellite" is an aurora created by beaming RF energy straight up to the ionosphere. The aurora can be dissolved instantly by turning the energy off and no trace of the phenomenon is left, and no ecological pollution of any kind.

The high-powered energy heats up the electrons in the ionosphere and creates scattering irregularities that are aligned with the geomagnetic field. The result is a reflector 100 miles in diameter and 10 miles thick. The enormous cloud cannot be seen by the human eye, but it can be photographed with an infrared camera.

The ground-based transmitter costs about \$2-million and can be manned by three people. It puts out 2 million watts which, with a high-gain antenna, has an effective radiated power of from 20 to 30 million watts.

Research has taken place at three sites: near Platteville, CO; at Arecibo, Puerto Rico; and at Gorkie, USSR. A feasibility study is being carried out at Menlo Park, CA.

The work was originally funded by the Defence Department's Advanced Research Project Agency. While trying to find a way to louse up an enemy's ionospheric scatter communications, the agency accidentally discovered that it was a good way to enhance one's own communications. (Edited from THE MANITOBA AMATEUR which credits Electronic Design)

A CB'ER TURNED UP ON REPEATER WRLABQ in Derry NH using a stolen rig. Rather than telling the bewildered chap to get the hell off the repeater, the fellows quickly shifted to handles and got to work finding out where he was, and then talking him into joining them for coffee. It went fairly smoothly except when one dense individual got on and insisted on using call-signs (until they got him on the telephone and clued him in). The fact is, the FCC can stand it if you do not sign calls for an extended period if you have a legitimate reason. . .or, as in this case, an illegitimate one. This chap was apprehended with the stolen equipment and this type of operation is perhaps as good an answer to the problem of stolen rigs as any. (Edited from 73 Hotline)

ANOTHER GROUNDWAVE ARTICLE, Bill Wilson, VE3NR's article on the 1979 World Administration Radio Conference, was printed in full by 73 Hotline in the issue of April 4. 73 Hotline is available for \$8.00 per year (by first class mail every two weeks) from Peterborough NH 03458. Wayne Green, 73 and Hotline editor, will be a guest speaker at the RSO Convention in Ottawa in October. Plan to come and hear his views first-hand.

A VERY REFRESHING COMMUNICATION on a hot May day was a note from the Canadian Ski Marathon expressing their appreciation for "an excellent radio communications network", provided by the QARC, and a booklet containing pictures of that weekend in February when the weather was not quite so hot as it is today. The most interesting picture is that of the communications center at Checkpoint 11 where Bob, VE3BGG, and Yun Foo, VE3DYD, are seen using some very curious dropping resistors. They look like stove elements to me!

ANOTHER PLAUDIT FOR AMATEUR RADIO comes from the Ottawa River Runners who say, "We would like to express our appreciations to...members of the Ottawa Amateur Radio Club ...What would we have done without them? Communications is paramount...The club operated on two different frequencies to separate the timing and rescue communications." Timers and calculators for this event were Helen and Frank Morral, and Alex Taylor, names well-known to those involved in the Ski Marathon. Art, VE3ZS, and Bill, VE3GPR, handled communications along the Jock River on two different occasions this spring for canoe races to provide this worthwhile and necessary service to the credit of Amateur Radio.

YOU DON'T HAVE TO LIE AWAKE NIGHTS TO SUCCEED-

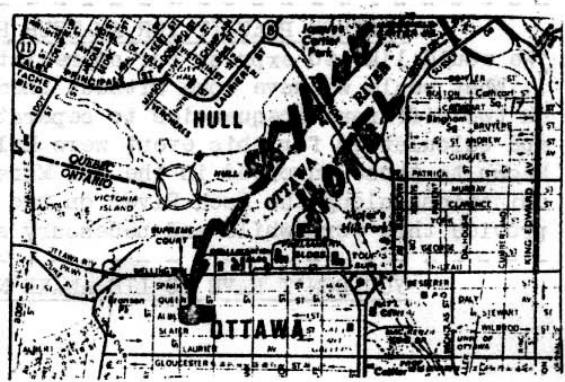
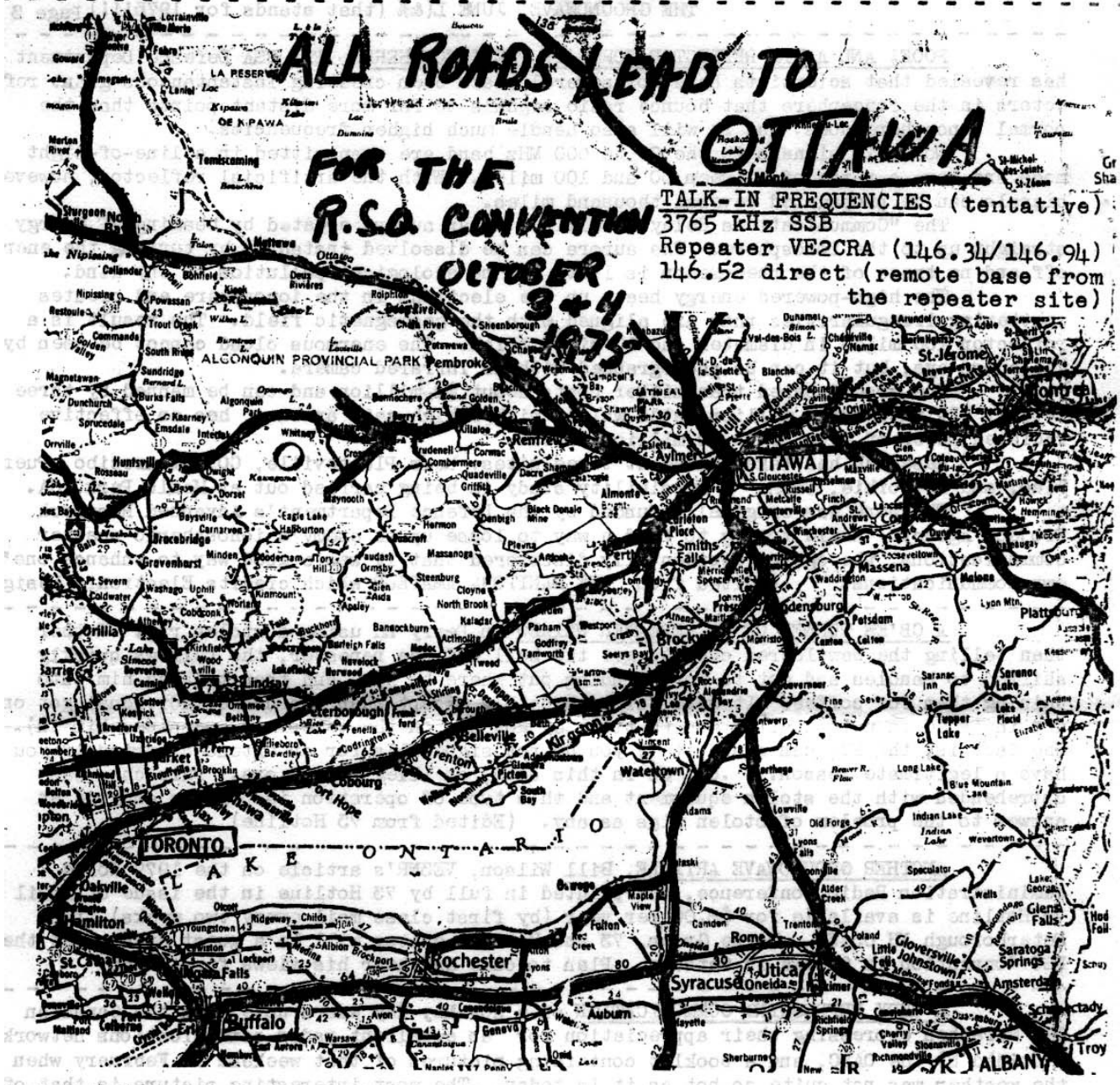
-just stay awake days!

ALL ROADS LEAD TO OTTAWA

FOR THE R.S.O. CONVENTION

OCTOBER 3+4 1975

TALK-IN FREQUENCIES (tentative)
3765 kHz SSB
Repeater VE2CRA (146.34/146.94)
146.52 direct (remote base from the repeater site)





OTTAWA AMATEUR RADIO CLUB

RADIO SOCIETY OF ONTARIO



OTTAWA CONVENTION NEWS

OCTOBER 3, 4, 5, 1975

Dear OM/XYL/YL

This is an invitation to you and your family to visit Canada's Capitol and attend the Radio Society of Ontario's 1975 Convention. Ottawa is at it's best in the Autumn, with colourful scenery and historic landmarks such as Parliament hill, the Royal Canadian Mint, the National Arts Centre, the Rideau Canal, and the National War Museum all close to the Skyline Hotel.

For the Radio Amateur we offer a complete program of technical sessions, forums, commercial displays, hospitality and display rooms, demonstrations and a chance to win major prizes of Amateur equipment.

The Ladies program includes an Arts and Crafts market and display, a bus tour of Ottawa and region, a trip to the Glenayre Knit Ltd. "Kitten Factory" (high quality clothes at very reasonable prices) and a chance to win attractive prizes.

For the socially minded we are offering "Octoberfest" time on Friday evening with a buffet meal and dancing, and on Saturday night there is the traditional RSO Banquet followed by dancing in the Grand Ballroom of the Skyline.

Make your plans now, send in the registration form below, and welcome to Ottawa in the Fall !

CUT OFF HERE

R.S.O. CONVENTION 1975

OCTOBER 3, 4, 5 THE OTTAWA AMATEUR RADIO CLUB OTTAWA, ONTARIO.

Please reserve as follows	TOTALS
REGISTRATIONS-RSO MEMBER \$.....NON MEMBERS \$.....LADIES PROGRAM \$.....	\$.....
FRIDAY EVENING-German Beer Garden, Buffet & Dance...Persons at \$6.00	\$.....
SATURDAY NIGHT-Banquet & Dance	Persons at \$10.00 \$.....
TOTAL AMOUNT ENCLOSED ---\$.....	

NAME.....	CALL.....
ADDRESS.....	TELEPHONE NO.
CITY/TOWN	POSTAL CODE
XYL/YL	CALL

REGISTRATION AT THE DOOR AND AFTER	BEFORE 15 SEPTEMBER
SEPT. 15 -- RSO MEMBER \$7.50	-RSO MEMBER \$6.50
NON MEMBER \$8.50	NON MEMBER \$7.50
Ladies Program \$5.25	Ladies Program \$4.25

Cut off where indicated and mail with your cheque or money order payable to "RSO CONVENTION COMMITTEE" to;

RSO CONVENTION
P.O. BOX 8873
OTTAWA, ONTARIO.-CANADA
K1G 3J2

XYL/YL Will you be going on
Ottawa City Tour?
Kitten Factory Trip?

Banquet attendees must be registered. Full registration req'd for Ham prizes.



RADIO SOCIETY OF ONTARIO
OTTAWA AMATEUR RADIO CLUB



CONVENTION

SKYLINE HOTEL OTTAWA OCTOBER 3,4,5.

INFORMATION AND TICKETS WILL BE MAILED TO THOSE WHOSE REGISTRATION FORMS ARE RECEIVED BEFORE SEPTEMBER 15. THOSE RECEIVED LATER WILL BE HELD AT THE REGISTRATION DESK.

SKYLINE HOTEL ROOM RESERVATIONS CAN BE GUARANTEED UP TO SEPTEMBER 3. AFTER THAT YOU TAKE YOUR CHANCES. WE WILL MAIL A HOTEL RESERVATION FORM WITH YOUR TICKETS, AND IF YOU IDENTIFY YOURSELF AS WITH THE CONVENTION SPECIAL RATES ARE AVAILABLE.

PARKING IS AVAILABLE ADJACENT TO AND UNDER THE HOTEL. MAXIMUM VEHICLE CLEARANCE FOR UNDER HOTEL PARKING IS SIX FEET.

ARRANGEMENTS CAN BE MADE AT THE CONVENTION FOR GROUP RESERVATION OF TABLES FOR THE SATURDAY BANQUET.

TALK IN STATIONS WILL BE ACTIVE FROM NOON ON FRIDAY ON 3765 SSB, 146.52, 146.94, AND REPEATER VE2CRA 146.34/94.



RADIO SOCIETY OF ONTARIO
OTTAWA AMATEUR RADIO CLUB



CONVENTION

CONVENTION ACTIVITIES-

FRIDAY 3 PM Registration desk opens.
8 PM German Beer Garden, Buffet, & Dancing.

SATURDAY 9 AM

8 Technical sessions including an antennae seminar, program for the handicapped, repeater forum, amateur band spectrum management, new class of licencing forum, DX forum, Etc. RSO Forum --RSO Delegates meeting. Operating displays of RTTY & SSTV. Department of Communications display. Hospitality rooms-PARC (Ottawa), OVMRC, QCWA (Capital Chapter), Etc.

LADIES PROGRAM

Information Centre (Shopping, dining, tourist.)
Pamphlet Table. (help yourself)
Ottawa City Tour. (2 hours)
"Kitten" factory trip (3 hours)
Displays and demonstrations including:
leatherwork, leaded glass, beaded necklaces,
spinning, weaving, copper enamelling, batik,
needlepoint, CNIB arts, microwave cooking, etc
CLARA & TOT displays and forum.
Prizes galore.

SATURDAY 7 PM

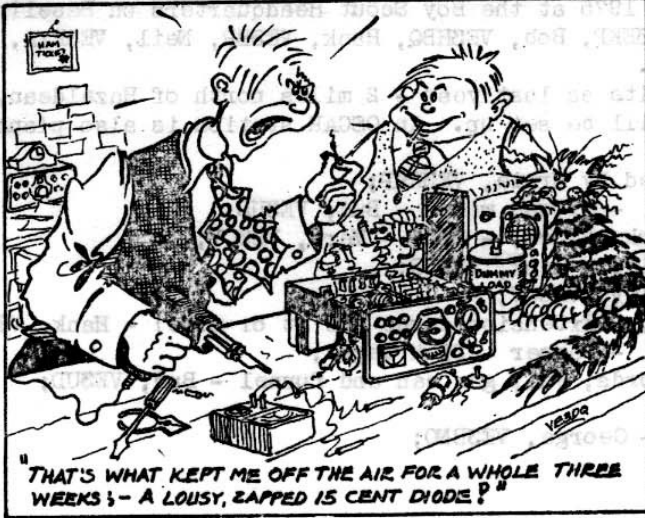
Annual RSO Banquet, followed by dancing and draw for Major Prizes (incl. TS-520 transceiver and a brand new Model 28 KSR Teletype.)

SUNDAY 10.30 AM

Technical Forum (for survivors only)

SHORT-CIRCUITS

By Stan, VE3DQ, and reprinted from The Canadian Amateur, Journal of the Canadian Amateur Radio Federation.



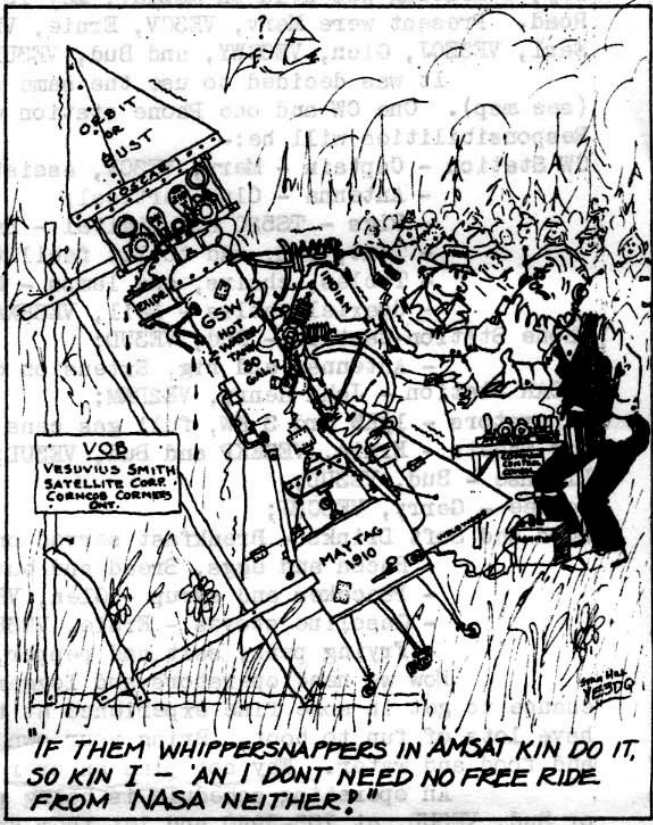
"THAT'S WHAT KEPT ME OFF THE AIR FOR A WHOLE THREE WEEKS; - A LOUSY, ZAPPED 15 CENT DIODE?"



"SO IF YOU GET A NEW DOHICKY AND A THINGAMABOB AND A NEW WHATCHAMACALLIT TO UPGRADE TO ALL SOLID-STATE FOR A QUOTE. MERE THOUSAND BUCKS, UNQUOTE, WHAT WILL IT DO THAT THIS, QUOTE, CRUMBY, BLANKETY-BLANK, OBSOLETE, TUBE JUNK, UNQUOTE, WONT DO?"



"I HAVE TWO DUMMY LOADS; - ONE IN THE SHACK HERE, AND ONE IN THE KITCHEN DRYING THE DISHES?"



"IF THEM WHIPPERSNAPPERS IN AMSAT KIN DO IT, SO KIN I - AN I DONT NEED NO FREE RIDE FROM NASA NEITHER?"

BASIC ELECTRONICS

Pure resistance let's consider,
There's no need to write a tome,
If one volt will pass one amp,
Then resistance is one ohm.

Take a pair of like resistors,
Place them first in single file,
For the total of the circuit,
Simply add them with a smile.

Parallel we now shall place them,
Total does not neatly come,
Multiply one by the other,
Then divide this by the sum.

There are many calculations,
Some would tie our brains in knots,
But let's end with one for power,
Amps squared times ohms is watts.

(Credit - St. Paul GROUNDWAVE)

If you want to leave footprints in the
sands of time-----
-----wear workboots!!!

FIELD DAY - JUNE 28-29 1975 - To plan for this year's OARC activity on Field Day, a meeting was held on Monday, May 12, 1975 at the Boy Scout Headquarters on Baseline Road. Present were Merv, VE3CV, Ernie, VE3EKP, Bob, VE3HBQ, Hank, VE3BR, Neil, VE3EXA, Earl, VE3ECJ, Glen, VE3GWY, and Bud, VE3UD.

It was decided to use the same site as last year - 2 miles north of Hazeldean, (see map). One CW and one Phone station will be set up. An OSCAR station is also planned. Responsibilities will be:-

CW Station - Captain - Merv, VE3CV, assisted by Ernie, VE3EKP;
 - Antenna - Club vertical; - Ground wires - Bud, VE3UD;
 - Rigs - TS520 and Digital - Hank, VE3BR; - SB34 - Merv, VE3CV;
 - Tent, fan, and toilet facilities - Hank, VE3BR;
 - Tables, chairs, and lamps - Merv, VE3CV;
 - Coaxial cables - Neil, VE3EXA; -Extension cords (50 ft or more) - Hank, VE3BR;
 Phone Station-Captain - Bud, VE3UD; - Camper - Dick Gagne;
 - Antennas and rig, Extension cords, Full gas can and funnel - Bud, VE3UD;
 OSCAR Station - John Henry, VE2DMM;
 Generators - 1 1/2 KW and 3 KW, full gas cans - George, VE3BNO;
 Log Sheets - Ernie, VE3EKP and Bud, VE3UD;
 License - Bud, VE3UD;
 Coffee - Gerry, VE3CNW;
 Food and Soft Drinks - Breakfast served on June 29th;

- Bacon and eggs, Bread and butter, Plates, knives and forks - Hank, VE3BR;
 - Pancakes and syrup - Glen, VE3GWY;
 - Gasoline stoves - Ernie, VE3EKP and Bud, VE3UD;
 - Frying pans, salt and pepper, etc. - ????? any volunteers?

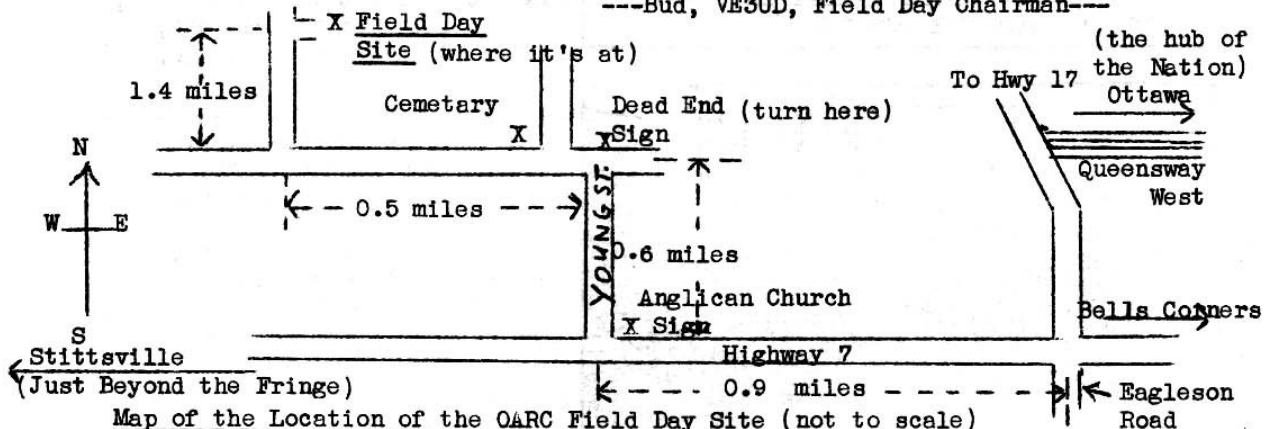
Now we need operators and loggers for both CW and Phone stations! Here's your chance to get in some fine experience at the mike or key with the best of equipment - and have lots of fun to boot. Bring your own keys or keyers, phones, adapters, tools, 807's, and food and water. Why not plan an overnight camp with the family?

An operating schedule is being prepared. Please call Merv, VE3CV, at 733-9561 or Bud, VE3UD, at 733-3990 and let them know when you will be available and your operating preference - CW, Phone, or both. Calling will save them a lot of separate phone calls.

You don't have to have an Advanced License to operate phone when in the company of many who have this type of license. Non-hams are most welcome as observers, helpers, and loggers. There will be jobs for everyone, especially at set-up at 1800 GMT (2:00 PM EDT) Saturday, and at break-up at 2100 GMT (5:00 PM EDT) on Sunday.

Fellows - this is one of the outstanding co-operative club activities of the year. Lets get behind it and make it a memorable occasion. Last year's Field Day was highly successful - this year's will be even better! Remember the date - June 28-29, 1975.

---Bud, VE3UD, Field Day Chairman---



A CLUB BULLETIN should be very much like a lady's night-gown-----
 -----short enough so that things are interesting, but
 long enough to cover the bare essentials-----

SAFETY COMMUNICATIONS were provided in May for two different events by Ottawa Area Amateurs. On May 10, the annual Miles (or Meters) for Millions took place with the St. John's Ambulance communications being provided by a large group of Amateurs co-ordinated by Doreen, VE3CGO, and Trev, VE3BMC. An outage of phone service to the St. John's Ambulance Headquarters that afternoon accentuated the role of radio for safety communications with many 'non-participating' Amateurs stepping in to provide phone service as relayed from headquarters by radio.

Safety communications for the Boy Scouts' "Operation Alert" at Fitzroy Provincial Park were provided by several Ottawa Amateurs on May 17-18-19. Those taking part were Craig, VE3EPK, Larry, VE3GRJ, Don, VE3GST, Edie, VE3HRH, Norm, VE3HEZ, and Frank, VE3ZN, with Ken, VE3CAL, and Tony, VE3FXG, who were part of the scouting weekend, assisting as well. Safety communications, mainly of the 'poison ivy', 'bruised knee' type, were handled for about 500 Scouts and the entire exercise was handled with battery-powered rigs and mobiles as there was no AC available. Camping right with the Scouts, the group used 146.52 mainly, with periodic excursions to repeater VE2CRA to get traffic into, and out of, Ottawa.

One most dramatic incident occurred when a boy was severely stricken with a poison ivy allergy and had to be rushed by ambulance for medical attention. Edie, VE3HRH accompanied the ambulance with hand-held equipment and Henry, VE3HPX provided phone calls to the OPP and arranged for a doctor to be available at the Huntley Medical Center in Carp. Art, VE3CGD was also most helpful by providing timely, last-minute road directions as the people involved did not know the exact location of the Center. It was most impressive when Edie was on the air and the ambulance was whipping along with the siren screaming. At a time like this the term 'amateur' seems out of place for they are truly 'professionals', and the experience gained from live exercises like these is worth far more than that gained from any number of simulated tests.

CURRENT OSCAR ORBIT INFORMATION

OSCAR VI : June 1, 1975; Orbit #12001; Equator crossing (S-N) 70 deg.; Time 0119 GMT.
 OSCAR VII: June 1, 1975; Orbit # 2472; Equator crossing (S-N) 51 deg.; Time 0005 GMT.
 and may be updated as per the February issue of THE GROUNDWAVE.

RSO CONVENTION COMMITTEE REPORT Registration forms and information appears in this issue of THE GROUNDWAVE. Assist the Committee by getting your forms in as soon as possible. The committee will need a lot of help as the Convention draws near. Committee members are listed in the March issue of THE GROUNDWAVE. Get in touch with the one of your choice and offer your services and help, or call the boss himself, George Roach, VE3BNO, at 234-0885 or 233-6241. Do it now! Tomorrow you may forget!

C O U N T D O W N T O C O N V E N T I O N
 As of today (May 26), 129 full days remain until convention time.....!

FROM THE CANADIAN AMATEUR -- While present growth of individual support is double that of the first three months of 1974, a much greater influx of members is vital for your national Federation to gain the finances necessary for full development...Canada needs a responsible, active national organization, supported and controlled, by the majority of Amateurs and geared to providing of service and information...we ask, why does the GRS, which can be financially profitable get away with an 83 cent increase while the non-profit AES is assessed three dollars? This seems to be a short-sighted and ungrateful attitude towards a service recognized as a valuable back-up for many communications systems ...the services of the CARF National QSL Bureau have been expanded for Associate members (More on this next month - also list of who handles which alphabetical calls, no room here - Ed) (Credit - The Canadian Amateur)

FROM THE EXECUTIVE MEETING - the establishment suggested of a Beginners Committee and a written course syllabus to provide continuity from year to year - OARC picnic set tentatively for July 20 in Vincent Massey Park pending availability of location etc. (see THE GROUNDWAVE next month for details) - committee proposed to follow up Bill Choat's presentation re handicapped persons desiring to become Radio Amateurs, sponsors and other volunteer workers required for this worthwhile venture.

REMEMBER - The big shot is the little shot who kept shooting.....

THE OTTAWA AMATEUR RADIO CLUB
 BOX 8873, OTTAWA, ONTARIO,
 CANADA, K1G 3J2

FIRST CLASS MAIL

1975

Canada 8

: THE OTTAWA AMATEUR RADIO CLUB, P.O. BOX 8873, OTTAWA, ONT., CAN. K1G 3J2 :			
: President	Ron Belleville	1405 Marime Street, Ottawa, Ontario.	746-2484
	VE3AUM	K1B 3L2	
: Vice-President	Larry Bradley	9 Chartrand Avenue, Orleans, Ontario.	824-3753
	VE3CRK	KOA 2V0	993-3238
: Secretary	Maureen Neill	148 Fentiman Avenue, Ottawa, Ontario.	233-9941
	VE3FZY	K1S 0T8	
: Treasurer	Cy Chapman	2244 Kipling Street, Ottawa, Ontario.	731-6172
	VE3CVK	K1H 6T5	
: Directors	Larry O'Brien	Box 11072, Station H, Ottawa, Ontario	225-9760
	VE3GRJ	K2H 7T8	
	Bud Punchard	3193 Riverside Dr., Ottawa, Ontario.	733-3990
	VE3UD	K1V 8N8	
	George Roach	104 Strathcona Ave., Ottawa, Ontario.	234-0885
	VE3BNO	K1S 1X6	233-6241
: Membership	Vic Cyr	1969 Belcourt Blvd., Orleans, Ontario	824-1204
	VE3DEP	KOA 2V0	993-2559
: Beginners Class	Bob Clayton	1174 Tawney Road, Ottawa, Ontario.	731-2691
	VE3HBQ	K1G 1B7	737-0007
: RSO Convention	George Roach	104 Strathcona Ave., Ottawa, Ontario.	234-0885
	VE3BNO	K1S 1X6	233-6241
: Net Manager and	Larry Bradley	9 Chartrand Avenue, Orleans, Ontario.	824-3753
: Emergency Comm.	VE3CRK	KOA 2V0	993-3238
: Custodian and	Gerry Martin	1771 Hutton Avenue, Ottawa, Ontario.	731-3220
: Archivist	VE3CNI	K1G 1M1	
: Coffee	Ernst Meier	RR#1, Bourget, Quebec, Box #77.	487-2922