

# the Groundwave

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JULY 1973

THE REGULAR MEETING OF THE OTTAWA AMATEUR RADIO CLUB CANNOT POSSIBLY BE HELD DURING THE MONTH OF JULY, SINCE WE DO NOT HAVE A REGULAR JULY MEETING. INSTEAD, WE ARE HAVING A PICNIC ON JULY 8, THIS SUNDAY, IN AREA 'V' OF VINCENT MASSEY PARK. FURTHER INFORMATION IS ON PAGE FIVE OF THIS ISSUE.

WHAT AM I GOING TO DO WITH ALL THIS SPACE ON THE FRONT COVER? DOODLE? SING A SONG? TAP DANCE? GAD! I USUALLY HAVE SOMETHING OF INTEREST TO PUT HERE, BUT THIS BEING SUMMER, AND ALL THAT, I AM TOO LAZY TO GO OUT AND LOOK FOR ANYTHING, SO I'LL JUST BABBLE ALONG LIKE THIS UNTIL I REACH THE END OF THE PAGE. NOW, LET'S SEE. H'MMM. (SCRATCH SCRATCH) (MUMBLE MUMBLE). AH UH! OH! THE TYPEWRITER WORKS FINE NICK. UH! UM! WELL, THE REPEATER EQUIPMENT IS A MARCONI DT45 TRANSMITTER, AND A MOTOROLA SIN--UH-- SENSICON RECEIVER. SONNY, VE3BTS IS MOVING TO MANITOBA BUT I GUESS YOU ALREADY KNOW THAT. ----WE ARE HOPING THAT MARJ ZUBA GETS A STRANGE CALL SIGN LIKE HHH, OR GQL OR CXQ OR SOMETHING LIKE THAT. H'MMM. OH HECK! TURN THE PAGE WILL YOU!

OH YES. THE PICNIC BEGINS AT ABOUT 3P.M.. AND THE FOOD WILL BE BE SERVED SOON AFTER. COME AT ANY TIME FROM 2P.M. ON.

THE OFFICIAL BULLETIN OF THE OTTAWA AMATEUR RADIO CLUB, AN ASSOCIATION OF RADIO AMATEURS DEVOTED TO THE PROMOTION OF AMATEUR RADIO IN THE OTTAWA REGIONAL AREA.

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CLUB NET "THE CAPITAL CITY NET". AT 2000 HRS.  
LOCAL TIME ON CLUB REPEATER VE2CRA,  
INPUT 146.460 OUTPUT 146.940.  
VE2CRA IS MONITORED DURING BUSINESS  
HOURS BY VE3CGO, DOREEN MORGAN.



## ENCORE

With the coming of summer, and the general laziness involved, I didn't expect to get much in the way of material for this month's Groundwave and I wasn't surprised. No one should be required to work at this time of year, but it falls on us few to supply information to the members to keep you informed as to any developments. Your editors have tried to supply you with a Groundwave that you may read while sipping your iced tea on a hot July day. Just remember, that the August issue will probably be leaner than this issue if someone does not contribute.

Be that as it may, next month there will be only two editors, as the reins of command will pass from me to Gord, VE3DY and Dave VE3GSA. Give them a break.

VE3ARS

## EDITORIAL

In the months past in which I have editorialized about CARF and ARRL, I have taken the ARRL to task for misrepresentation. I disagree strongly with Noel Eaton's stand on band expansion, but that is not to say that the ARRL is to be totally damned in Canada. I believe, and I think that the club will support me, is my own opinion that the DOC questionnaire was grossly unfair to ask us whether we recognize the ARRL or CARF as our representative. In certain things ARRL represents me and has my full backing. In some things CARF represents me and has my backing. It is inevitable that in some matters there will be a conflict of interests and/or opinions. Because I disagree with one or the other of the organizations claiming to represent my opinion does not mean that I disagree with that organization as a whole.

In the past I have pointed out that failings of the ARRL as regards representation to our government, I have not mentioned the areas in which the ARRL stands alone in achievement. Technical material provided by the ARRL in QST has given ham radio a new look. It alone has made ARRL's technical advisory staff well known and heard throughout the world. ARRL sponsors most of the major operating events of the year. They advise others in their contest plans, and provide details on available times, dates, etc. ARRL provides legal council on matters that may affect ham radio as a whole both in Canada and the U.S., and provide legal material when needed as well as legal advice and counsel when needed by the individual amateur.

ARRL's communications department has to be an important aspect of ham radio to almost all of us who actively participate on the air. The National traffic system develops an efficient disciplined and dedicated class of operator. These operators are almost exclusively in the top ten of any contest sponsored by anyone. This is the training-ground for the beginning operator, and out of the ranks of the traffic men come the cream of the crop of operators.

On CW the best examples are Bud, K2KIR, George W1NJM, Terry VE3AWE and Walt VE1AMR, and many more. Men like Ed VE3EWD on phone, others on RTTY and just about every other aspect of NTS, all are supported by and in turn support ARRL's communications department. In fact, in Ontario, one of our most dedicated ARRL supporters and also dedicated amateurs is the ARRL SCM, Shep VE3DV.

Men like the late Alex Reid, a former ARRL vice and director Noel Eaton VE3CJ have given Canada a voice in the ARRL when it was needed (and sometimes when it was not) and we all owe a debt of gratitude to these men, and other Canadians who are trying to keep us individual as Canadians.

ARRL has provided all hams with activities, material, support and advice and it is not at all fair for any of us to torpedo them totally because we disagree with one aspect of our relations with them. I personally, do not back down from anything I have said previously, against ARRL, but I do not totally condemn them. There are only two matters with which I have occasion to oppose ARRL, and that is about who represents me on the question of representation to DOC, and the phone band expansion issue.

It is just as unfair to say that ARRL and CARF are fighting each other tooth and nail. This is not so. In fact, they consult each other quite often on some matters. I quote from the minutes of the CARF meeting in June. "Aprôps the provincial comments and concern that the Federation and the league maintain liason, there need be no concern on that score. The Federation and the Canadian Division do cooperate whenever possible. Their only major area of disagreement is on phone band expansion. You President, Art Blick, and Noel (Eaton) have been friends for a long time, and still are."

The OARF supports both the ARRL and CARF (through RSO). If there is disagreement between the organizations on a matter then the club has to decide whether it supports one or the other or neither, but it is a club decision. On that one major issue of disagreement, the club had given its opinion long before the issue had come to a head. At this writing, the club is standing by that decision.

#### FIELD DAY '73

Luckily, the rain held off until the Sunday afternoon but it was with some apprehension that the dedicated OARF members left their homes for what looked like a wet, uncomfortable weekend. More than 25 hams were present at various times over the weekend. Some found time for a few hours. Other more hardy (or crazy) souls spent the night at the FD site. This years field day site was once again

lower site in Hazeldean west of Ottawa. Two transceivers were used in the operation, though four were available. Cary, VE3ARS supplied his SB101 in replacement for Don Zubas' HW101 in the CW tent. The Phone equipment started out with VE3FZY's KW2000A (Maureen Neill) and ended up with VE3RR's (Hank Harly) transceiver with the digital frequency readout. Hank also supplied a 5 band Vertical for the Fone station, and Cliff Moffatt VE3FZX made dipoles for the CW station. 340 contacts were made in all; 210 on CW and 130 on Fone. Power was supplied by generators; Roy Maskell, VE3ADM supplied one and George Roach, VE3BNO the second. Murphy bit the CFRA generator (it bit VE3ARS last year) (the generator that is) early Saturday afternoon but a quick trip to Rentalax soon produced a replacement. FD coordinator Don, VE3CUZ, did an A-1 job of organizing the resources and with his assistance, we can look forward to another great FD in '74.

Dave VE3GSA

#### CARF BRIEFS

The CARF QSL bureau under Len Summer, VE3DOR, is going full tilt. It is officially recognized by almost all of the countries sending QSL cards to Canada. The bureau is now mentioned in the Call Book.

CARF is attempting to secure a call sign for their bulletin station. The request for the Call VE3CARF was turned down, so alternatives were mentioned. These were VE3ZZZ and VE3TCA (for The Canadian Amateur). Noel Eaton has commented that he thought VE3TCA had already been issued.

Dave Halliday, who as we know is planning a trip to South America is attempting to obtain the call VE3SAX for his expedition CANSAX-73. Difficulties have been experienced as special calls are only issued to organizations. The DOC field offices have jurisdiction over the issue of calls. He is now planning to form a club to work with him, and thus, acquire the special call. Noel Eaton has offered to furnish advise re border crossing routines and related matters.

OFFICIAL BULLETIN NR 429 FROM ARRL HEADQUARTERS  
NEWINGTON CONN JUNE 7 1973 TO ALL RADIO AMATEURS BT

Creation of a Class E Citizens Radio Service has been proposed by the Federal Communications Commission in a notice adopted June 6. It is suggested that the frequencies 224 to 225 MHz be withdrawn from the amateur service to create forty new CB channels. FCC seeks detailed comments on what activities should be permitted in such a service and what regulations should govern, with particular interest in enforcement procedures; This rule making proposal arises from RM 1747, filed two years ago by the Electronics Industries Association, and five other requests which FCC felt to be in the same basic area: RMs 1633, 1656, 1761, 1793 and 1841. Amateurs and clubs will undoubtedly wish to file official comments directly with FCC after reading the full text of the proposal in the August issue of QST. The deadline for comments is September 20. However, League members may want to inform their division directors of their initial reactions, prior to the ARRL Board meeting July 19. Names and addresses appear on page 8 of 1973 issues of QST. The headquarters seeks information on present and planned amateur use of the entire 220-225 MHz band with as much statistical information as possible. AR

↑ from H. Shepherd  
VE3DV

Doug, VE7ACZ (ex G3CXE) is planning a bike trip across Canada. His project is called "Pedal for Charity," and he hopes to collect some cash for charities such as Cancer Research, Diabetic Association, Cheshire Homes for Incurables, NSPCC, RAIBC (Radio Amateur Invalid and Bedfast Club.) He is planning to equally divide the donations. More info is available from our SCM, Shep (H.H. Shepherd) VE3DV or from Cary VE3ARS your retiring G.W. editor.

Dear O.M.,

I am enclosing info on my "Pedal for Charity." As of this date I have been promised a loan of a QRP transceiver most likely for 80c.w. Since my XYL and the harmonics are going direct to Vancouver, and it will be at least 60 days before I get there, I will be attempting to check into the CW nets along the way for QTC QSP. Do you think you could pass the word around the locals to keep a sharp ear open for me using my new call VE7ACZ/VO1/VE1/VE2/VE3/VE4/VE5/VE6/VE7. I will be operating in the evenings mainly from camp sites after I have set up my tent and had some food. My route will mainly follow the Trans-Canada Highway., except where I have to detour. It is hoped I may find time to visit some "shacks" for eyeball QSO. Should anyone pass a cyclist riding an orange coloured bike with "dropped" handle bars, using front and rear pannier bags during the months July/August that will most likely be me.

73  
Doug Brabner G3CXE  
now VE7ACZ/

MINUTES OF THE MEETING

The regular monthly meeting of the OARC took place at NRC on June 6. The meeting was opened by President George Roach at 2010 hours with a welcome extending to all visitors.

The minutes of the last meeting were drawn to the attention of the members and a motion to accept them was made by VE3OR. Seconded by VE3 CRX. CARRIED.

A discussion of the DOC questionnaire was held and all members were urged to make their views known. The Field Day was reported on by Committee Chairman VE3CUZ. More operators and loggers are still needed. Dates are the 23 and 24 of June. Instructors for fall classes in theory and code are needed (including back-ups for regular instructors). Tubes are needed for the club receiver (6H6, 6SK7, and 6SJ7.) Homes are also needed for an exchange program Experiment in International Living. Two of its members are amateurs who need a home from July 11 to Aug. 10. George Roach is taking names of willing members.

The July meeting will consist of a picnic at Vincent Massey Park, Area V on July 8 (Sunday) at 3:00 pm. VE3CVK is the chairman and would like help in the form of cooks etc. Cost is .50 per person; \$2.00 max. per family. Also needed are stoves, camping gear and large pots. Tickets may be ordered from VE3CVK or the Secretary, deadline is June 30 as we must know the number attending.

Upcoming events are the RSO convention in August and a Ham-fest in Montreal at MacDonal College August 5th. Flea market will take place and the cost is \$2.00. No interest was shown by members in obtaining a bus to go to the fest. We will poll members later on the possibility of a bus for the RSO convention.

oscar 7 has taken great leaps forward and may now go up in January, 1974.

The 450's are now in town, cost is \$35. for mobile units (no credit) payable to Lyle VE3CEZ. VE3EYJ reported that there are 212 regular members and 48 associated members in the club.

VE3OR gave a most interesting and informative talk on teletypes and their conversion for amateur usage. This was followed by a film on perception. The meeting was adjourned at 2200 on a motion by VE3ARJ, seconded by VE3CNJ.

Secretary,

Marj Zuba.

SALE - SURPLUS - VHF GEAR

MOTOROLA MTTD1020AB TRANSMITTERS

9 tube crystal controlled FM Transmitters 144-174 mc band. Uses 6 mc crystals. Complete with tubes and in very good condition. Single 6146 in final 25 watts out.

Sale Price \$7.50 each postpaid  
Schematic diagram included.

MOTOROLA MTRD1110AD Series Sensicon "G" Receivers.

16 tube dual conversion superhet FM Receiver for 30 kc channel separation in the 144-174 mc band. Complete with tubes and in very good condition.

Sale Price \$7.50 each postpaid  
Schematic diagram included.

5

SEND MONEY ORDER PAYABLE TO: J.P. LANDRY VE1RV  
Box 29,  
GRAND DIGUE, N.B.

SUPPLY IS LIMITED - THESE ARE BEING SOLD ON A FIRST  
COME FIRST SERVED BASIS.

#### PICNIC TIME

AS WAS MENTIONED ON THE FRONT COVER, WE ARE HAVING A CLUB PICNIC ON SUNDAY JULY 8 IN AREA 'V' OF VINCENT MASSEY PARK. AREA 'V' IS BEHIND THE "TUPPER" BUILDING, NEXT TO THE PARKING LOT. THERE WILL PROBABLY BE SOMEONE ON THE REPEATER TO TALK ANY LOST SOULS IN. THE PICNIC COMMITTEE PROMISES GAMES FOR EVERYONE AND PRIZES FOR THE WINNERS. ERRATA. SORRY. THE AREA 'V' IS ACROSS FROM THE "TUPPER" BUILDING, ON THE NORTH SIDE OF HERON ROAD. ITS STILL NEXT TO A PARKING LOT, HOWEVER. FOR THOSE OF YOU WHO THINK THAT YOU WONT BE ABLE TO SURVIVE THE AFTERNOON WITHOUT FOOD AND/OR DRINK, WE WILL BE PROVIDING HOT DOGS, ICE CREAM AND SOFT DRINKS. THE DEADLINE FOR PURCHASING YOUR TICKETS WAS JUNE 30, HOWEVER, IF YOU WISH TO COME AND HAVE NOT AS YET SECURED A TICKET TO THIS EVENT, I'M SURE YOU WILL BE ABLE TO GET ONE AT THE SITE. THE PRICES ARE, \$.50 SINGLE AND \$2.00 FAMILY. REMEMBER. THATS THIS SUNDAY, JULY 8. BE THERE.

#### RSO CONVENTION

FOR THOSE OF YOU WHO ARE PLANNING ON ATTENDING THE RSO CONVENTION IN KINGSTON IN AUGUST, THE O.A.R.C. IS HOPING TO CHARTER A BUS. THE CHARGE WOULD BE NOMINAL, BUT WE MUST KNOW WHO IS GOING BY JULY 31 SO THAT PLANS CAN BE MADE. CONTACT ANY EXECUTIVE MEMBER ABOUT IT.

#### KINGSTON TERCENTENARY

IF YOU ARE PLANNING A VACATION THIS SUMMER, AND DON'T KNOW WHERE TO GO, TRY KINGSTON. I RECEIVED A VAST AMOUNT OF INFORMATION FROM BERT VE3ESH, IN KINGSTON, AND RATHER THAN GIVING YOU A HALF-VAST ACCOUNT OF WHAT IS GOING ON, I SUGGEST YOU FIND OUT FROM THEM. WRITE TO 'KINGSTON TERCENTENARY COMTEE, P.O.BOX 1673, KINGSTON.

#### END. (WELL JUST ABOUT)

THIS IS IT PEOPLE. YOU ARE JUST ABOUT RID OF ME. AT THE END OF THIS PAGE, I AM NO LONGER EDITOR OF THE G.W.. I HAVE NOT AS YET BEEN ABLE TO INCLUDE THE 'OSCAR VI' PREDICTIONS, THIS TIME DUE TO MY ERROR, AND HAVE NOT AS YET BEEN ABLE TO FULLY INCLUDE A LIST OF THE NEW HAMS IN THIS AREA. GLEN HOLT AND HIS FATHER ARE NOW VE3GWY AND GWX RESPECTIVELY, AND BILL PATERSON IS NOW VE3GQY. AT THIS MOMENT THAT IS ALL I HAVE, BUT I HOPE THAT YOUR NEW EDITORS GORD GRANT, VE3DY, AND DAVE PARKS, VE3GSA, WILL BE ABLE TO GET THEM LATER. I HOPE TO BE ABLE TO CONTRIBUTE TO THE G.W. IN THE FOLLOWING MONTHS IF I CAN. NOW THAT I AM NO LONGER EDITOR, I CAN NO LONGER HAVE THAT GOOD FEELING THAT GOES WITH KNOWING THAT WHAT YOU DO OR HELP OTHERS TO DO, IS HELPING SHAPE THE CLUB'S FUTURE. THE FOLLOWING PAGE MAY BE MY CONTRIBUTION IN TERMS OF ACTION, BUT THE IDEA FOR IT ORIGINATES WITH GEORGE, VE3BNO, THE DEVELOPEMENT OF THAT IDEA CAME FROM GORD, VE3DY, THE EXECUTION OF THE IDEA BY DAVE, VE3GSA, AND THE PRINTING AND SERVICES BY JOHN, VE3CPY. AS ALWAYS, I ONLY SAW THAT IT GOT DONE. TEAM WORK ENDS IN SUCCESS. DO YOU HAVE AN IDEA????



Serious consultation over one of Murphy's generators. 3GSA on left.

The antenna raising with Hank, 3BR, anxiously watching his RV-5C vertical on left.

Below: The Countdown. From left: Marj Zuba, VE3---  
 Dave Parks, VE3GSA, Don Zuba, VE3CUZ, Ray  
 Dagenais, VE3ARJ and Hank Harley, VE3BR (operating).  
 Three visitors behind. Photos by Peter McQuaig.

