

QUA VE30AO

OVMRC

ADMINISTRATIVE

OFFICER

GREETINGS! TO OUR 148 MEMBERS.
AND WELCOME TO VOLUME 30,
NUMBER 5 OF THE RAMBLER.

IT SO HAPPENED THAT THE MORNING THAT WE HAD OUR FLEA MARKET (APRIL 4TH) IT WAS RAINING. AS A RESULT, WE SEEMED TO HAVE HAD THE GREATEST TURN-OUT OF AMATEURS ANYONE CAN EVER REMEMBER. THE PARKING LOT WAS FULL, BOTH SIDES OF THE DRIVEWAY WERE LINED WITH CARS AND PEOPLE WERE PARKED UP AROUND IN THE FRONT OF THE SCHOOL IN THAT DRIVEWAY AS WELL. HOWEVER, WE DIDN'T PROFIT AS WELL AS WE HAVE IN THE PAST... TABLE SALES WERE AS GOOD AS EVER, WHILE SALES AT THE SNACK BAR WERE BRISK ON COFFEE AND DONUTS, IT WASN'T AS GOOD ON POP AND MUFFINS. ALSO, WE STOPPED HAVING SANDWICHES DONATED BY THE EXECUTIVE MEMBERS THESE LAST TWO YEARS. ALSO, WE DID NOT HAVE A CLUB TABLE OR A RAFFLE. BUT LEO VE3NVL WAS ABLE TO DISTRIBUTE A LOT OF HIS WISE OWL CERTIFICATES AND NOW I HAVE MY CLASS "A" CERTIFICATE MOUNTED ON THE WALL OF MY "SHACK" JUST ABOVE MY RADIO LICENCE. EVERYONE ENJOYED BEING ABLE TO HAVE A FEW "EYEBALL" QSO'S.

THE NOMINATING COMMITTEE HAS BEEN FORMED. HENRY VE3OHU, FRED VE3BAJ AND MARTIN VE3OAT

HAVE ACCEPTED THE CHALLENGE TO LOOK FOR MEMBERS WHO WOULD BE WILLING TO SERVE ON THE EXECUTIVE. MY PREDECESSOR, BOB VE3KLN, REMINDED ME TO PLAY UP THE BENEFITS OF GETTING THE SET OF KEYS TO THE EXECUTIVE WASHROOM! THERE ARE OTHER BENEFITS TO MENTION TOO NUMEROUS.

THE GAVEL IS MISSING! I SUSPECT IT IS LOST SOMEWHERE IN MY HAM SHACK. IF I'D HAVE ENTERED A PICTURE OF THIS PLACE IN THE QST "MESSIEST HAM SHACK" CONTEST IT WOULD HAVE UNDOUBTEDLY WON IN ONE OF THE TEN CLASSIFICATIONS. YOU SEE, I REMOVED IT FROM MY BRIEFCASE BEFORE TAKING SOMETHING ELSE WITH ME TO THE FLEA MARKET AND I HAVEN'T SEEN IT SINCE. ALSO, SINCE THEN, I'VE BEEN TEMPORARILY STORING SOME OF MY COMPANY'S EQUIPMENT DURING MY ONE WEEK OF VACATION - AND THEN WHILE DOING SPRING CLEANING AND GETTING READY FOR MY RELATIVE'S VISIT, I KEPT BRINGING LOADS OF BOOKS, PAPERS, CLOTHES, ETC. ETC. AND PILING ON TOP OF ALL THE PILES THAT WERE ALREADY HERE... I HAVE 23 DAYS TO FIND IT BEFORE THE NEXT MEETING....

BEFORE BEGINNING THIS ARTICLE, I STUDIED THE MAY 1987 ISSUE OF QST AND READ ALL THE RULES FOR THE 1987 FIELD DAY WHICH ARE ON PAGE 87. THE DATE TO SET ASIDE IS JUNE 27-28, 1987, AS WE HAD EARLIER REPORTED TO YOU, AS REPORTED IN KRIS VE3OWE'S MINUTES LAST MONTH, BILL VE3OAI HAS SECURED PERMISSION FOR THE USE OF A 3 SECTION MILITARY TENT. BOB VE3JDB HAS WRITTEN THE LETTER TO THE CURATOR OF THE MUSEUM AND HAS BEEN IN VERBAL CONTACT WITH HER ABOUT



THE IMPECCABLE SOURCE
by Jack Ravenscroft VE3SR

Beware of the "impeccable source" found on 75 phone, whose information is based on words from a good (and reliable) friend.

Personally, I prefer the written word, it is less likely to be mis-interpreted and provides specific terms of reference.

Questions have been asked as to why the Houghtby Vs Ravenscroft case could'nt have been settled out of Court. The logical answer to that is "you had to be there."

Read the following and judge for yourself:

OFFER TO SETTLE

The Plaintiffs offer to settle this proceeding on the following terms:

1 (a) That the Defendant will be permitted to operate at a reduced wattage, with his large aerial within the azimuth of 260 deg. to 60 deg. ETN at whatever hour he desires on whatever days he desires.

(b) The Plaintiffs will agree to one further test, that the Department of Communications failed to conduct, to determine at what reduced power level the defendant can operate within the 260 deg. to 60 deg. azimuth, such that the 10% "splash back" of power does not cause interference to the Plaintiff's equipment.

(c) The Defendant's large aerial (transmission/receiving end) will be directed to a

suggested 260 deg. ETN as a neutral position and indicator of non operation after each and every transmission exercise.

(d) The Defendant's small vertical aerial will be dismantled entirely and neither this aerial nor any other aerial or equipment will be installed, relocated or expanded upon.

(e) The transmission/receiving end of the large aerial will never be directed in the 59 deg. to 259 deg. ETN zone.

(f) The Plaintiffs will not complain without just cause, and the Defendant will agree in writing to adhere to the terms and conditions of operation as proposed.

(g) If, and when future interference occurs, such that the Plaintiffs have reason to complain, the Defendant will take whatever immediate remedial action is necessary.

(h) The Plaintiffs will not be required to suppress any more of their equipment and will not be required to permit any persons into their home at the request of the Defendant.

(i) The Defendant shall reimburse the Plaintiffs out of pocket expenses and legal fees, but not to include expenses that would be incurred in an effort to settle this matter as described aforesaid.

2 Or in the alternative, the Plaintiffs propose:

(a) To agree to attempt to relocate within 60 days upon



acceptance of this offer and on condition that a final sale move can be effected and financially approved provided that the defendants pay to the Plaintiffs the sum of Thirty Thousand Dollars (\$30,000.00) two weeks prior to the closing date of sale, for out-of-pocket expenses and legal fees and to off-set any loss incurred as a result of the effect of the Defendant's operation on the sale value of the Plaintiffs' home.

DATED AT NEPEAN, this 2nd day of January 1986.

KEBE/CANNON/HENRY
Solicitors for the Plaintiffs

John Ravenscroft
VE3SR

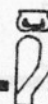
MINUTES OF APRIL OVMRC MEETING

The meeting was opened at 20:04 by Vice President Bill VE3OAI who was acting president as President Vance VE3OAO was on vacation (he came later for the presentation by the guest speaker). There were approximately 30 in attendance including Gerry (VE3BBY) and Ian (VE3CZ). Gerry was the first President of the OVMRC when it was started in 1956. The first meeting was held in the Journal Building on Queen St. with approx. 30 members. Ian was the first club Secretary. He is also the guest speaker this evening. Russ VE3FSN explained why the VE3TWO repeater had malfunctioned during the Tuesday evening Military Net. He found a manufacturing defect that resulted in a short circuit in a coax cable inside the repeater. This was corrected. The new controller

is in place however there is no courtesy beep and no timer at present. He plans to arrange two repeaters so that if one malfunctions the other can be switched in by remote control via tone codes.

Jerry VE3CDS Editor of the Rambler commented on the article by Jim VE3AHN in the current issue of the Rambler. His initial reaction was not to include it since it was too controversial. However after reading it several times he felt that the message it conveyed should be published that there is room for more than one point of view and that controversy is a healthy exercise of freedom of speech. He felt that we have to resolve our own problems without resort to the judiciary process. He apologized if anyone felt offended and urged members to read the article and to form their own opinion. Ray VE3FN commented that he had been hurt by the article and outlined the actions taken by Jack VE3SR in attempting to resolve the dispute with his neighbours who behaved in an unreasonable manner. Support for Jack's case has come from amateurs all over the world who have sent in contributions. Ray appeared as a witness in the court and felt that the cause was just, since Jack, VE3SR's station complied with all DOC requirements.

Two corrections to the minutes of the March meeting were noted. Murray Hankins name was misspelled. Our apologies Murray. The VHF bands that are under consideration for change by the FCC are presently assigned as follows:



216 - 220 MHz non amateur and no change proposed

220-225 MHz primary amateur and mobile.

It is proposed by FCC to change the second band assignments as follows:

220-220 MHz - mobile only

222-225 MHz - amateur only.

Subject to these corrections, the Minutes were approved as published.

The Treasurer Bob VE3OSN was absent due to illness. However, Vice President Bill VE3OAI reported on his behalf that the proceeds from the flea market were \$240.17. The bank balance is \$1500.84.

Membership Chairman Pat VE3KJQ proposed a motion to change the bylaws to raise the annual club dues. He noted that the Rambler costs are \$9.75 per year per member. The motion proposed that the "subscription only" membership be dropped and that dues be increased to \$12.00 per year. This was seconded by Claire VE3PPT. Russ VE3FSN proposed that the dues should increase to \$15.00 to cover the costs of the Rambler and provide funds to operate so that the dues don't have to be reviewed again next year. Merv VE3CV was also of the opinion that \$15.00 was the appropriate amount for dues and complimented Jerry, the Rambler Editor on an excellent publication. He moved that the motion be amended to increase the dues to \$15.00. This was seconded by Past President Bob VE3KLG and the amended motion was approved on a vote by the members. Pat reminded everyone that this was the last chance for a \$5.00 membership valid to October 1987. After Feb. 1

the membership dues are set at half the annual rate.

Public Relations Chairman Bob VE3JDB announced that a Grade 5/6 class had requested a demonstration of amateur radio at their school during Education Week. The preferred days are 30 April or 1 May. This is in a portable classroom. Volunteers were requested to contact Bob. He also mentioned that operators are always needed for VE3JW and that any members who are interested are welcome to come and operate the station.

Vice President Bill VE3OAI reported that the flea market was a success in terms of turnout although the financial proceeds were below expectations. A good time was enjoyed by all in attendance. The field day committee does not as yet have a chairman. There are some volunteers. The nomination committee has been selected by the executive. The photo copier was successfully transferred from Russ VE3FSN QTH to George VE3NJK QTH. Thanks to Russ for providing a home for it in the past and thanks also to George for taking it in for the future.

Ray VE3FN reported that the period for comment has been extended by FCC on the 220 MHz proposal (as noted above). CRRL has sent in their comments. The DOC proposal on the 18 and 24 MHz bands is still on hold and there is no indication when it may be finalized.

The Radio Advisory Board of Canada has sent a recommendation to the Minister of Communications that a Regulation be introduced that would require all manufacturers of



electrical/electronic equipment to repair, replace or offer a refund for any equipment that malfunctions in the presence of an R.F. field. A symposium called Spectrum 20-20 will be held in Montreal May 12 and 13, 1987. This is jointly sponsored by the Radio Advisory Board of Canada and the DOC. The theme is "Spectrum Usage - Future Directions in Canada."

Merv VE3CV reported that the Champlain Repeater Association has approved the establishment of voice linking to extend the voice link from Bancroft to VE3STP to Ottawa.

Jim VE3AHN spoke briefly and expressed the hope that those who were upset by his article in the Rambler will read it again and read the message that Jerry had mentioned.

The No. 4 Wireless School reunion is being planned. Anyone interested should contact VE3NNI via ONTARS.

Two homebrew projects were presented. Fred VE3BA displayed and described an antenna tuner with plug in coils. This uses one coil with adjustable taps and a variable capacitor (800 pF) arranged in an L network configuration. A vernier dial provides for precise adjustment of the capacitor. A well constructed project and one that will serve well in the shack. Thanks for sharing it with us Fred.

Bob VE3KLN demonstrated a weather protector for the coax connector at the antenna. This consists of a plastic pill bottle with an S0239 coax connector mounted on the "child proof" lid. The PL-239 connector on the coax cable is inside the plastic bottle with the cable extending through the bottom. When assembled

together, this device keeps the coax connection protected from the weather. A simple but very effective device. Thanks Bob for an interesting show and tell.

The guest speaker Ian McIntyre VE3CZ former secretary of the OVMRC, was introduced by Vice President Bill. He commented that he was last here about 18 or 20 years ago and reminisced about some of the club activities such as 10 meter fox hunts etc.

He presented a well illustrated talk on the uses of the scanning electron microscope (SEM). In comparison, a good optical microscope provides up to 1000 times magnification. The SEM provides from 20,000 to 200,000 times magnification. The SEM is widely used.

NRC use them for crash analysis.

EMR use them for minerology.

BNR, Northern Telecom and Mitel use them for quality control of integrated circuits.

They are also used in forensic sciences for identification of tracer elements that are included in many manufactured products so that a small speck of material can be used to identify the manufacturer.

A well presented and very interesting talk. We hope it won't be 18 years before we have the pleasure of hearing from Ian again. He was thanked by Vice President Bill.

The executive meeting will be at Past President Bob's VE3KLN on Thursday April 23/87.

The meeting was adjourned at 21:31 on a motion by VE3OFM Tom seconded by VE3BAJ Fred.

Kris VE3OWE
Secretary



7 May, 1987

OTTAWA VALLEY MOBILE RADIO CLUB INC.

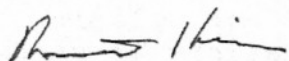
Operating Budget Forecast 1 July 1987 - 30 June 1988

REVENUE

- Memberships (140 @ \$15.00)	\$2100.00
- Fleamarket (Tables & Sales)	300.00
- Amateur Radio Course	50.00
- Bank Interest	50.00
- Miscellaneous Sales	<u>50.00</u>
Total Revenue	<u>\$2550.00</u>

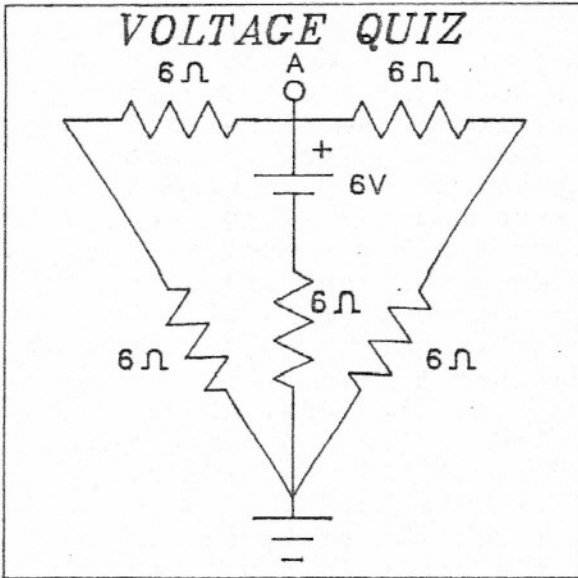
EXPENDITURES

- Rambler Supplies	\$300.00
- Printing Maintenance Contract	500.00
- Rambler Postage	800.00
- Code Phone	140.00
- Field Day	100.00
- Club BBQ	100.00
- Annual Dinner Prizes	100.00
- Insurance	330.00
- Repeater Maintenance	50.00
- Post Box	30.00
- Licences	40.00
- Miscellaneous	<u>60.00</u>
Total Forecast Expenditures	<u>\$2550.00</u>

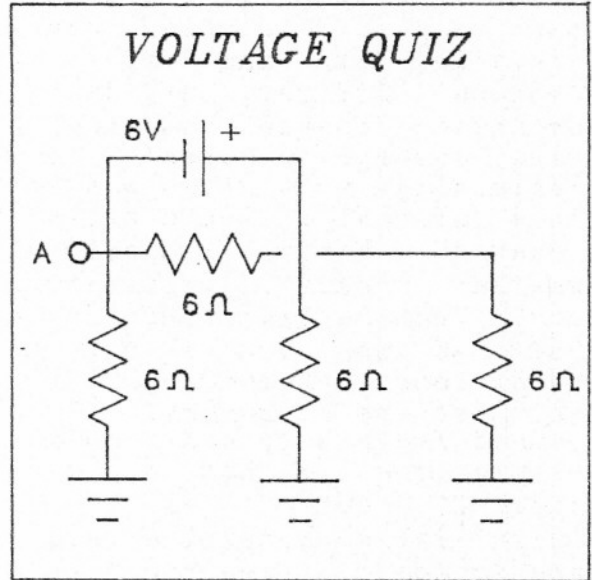

Robert M. Hicks
Treasurer
VE3OSN



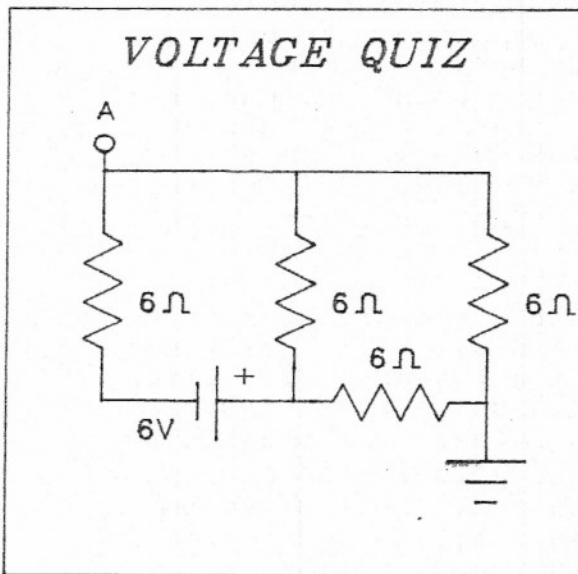
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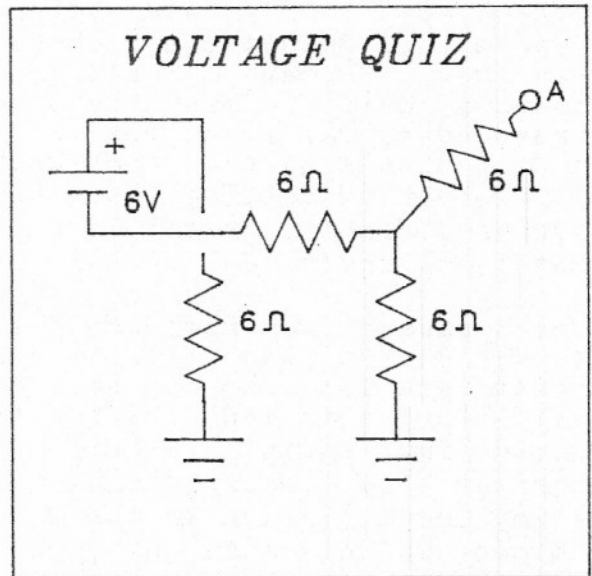
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BOREALIS (Part two)
by Hugh Clark VE3WM

FROM THE LONDON AMATEUR RADIO
CLUB BULLETIN

I was in a quandry. The high powered transmitter for my station had developed trouble, almost as soon as the technician who had installed it, had left. We had reported the outage to our Regional Office, but our Department was undergoing a cyclic economic "freeze" and the reply message was along the lines of "and anyway you don't need it until June". Even though officially, my station was not on watch, it was my duty to report this information immediately. My options were extremely limited, however. First, I could call Goose Bay on the High Frequency weather circuit, with little hope of success, as the operator would not be listening for me until 3 AM, and even if he were I had had no success for the past five schedules because of conditions. Second and last, was the "backup" transmitter for the Distress Frequency. I laughed out loud! If the receiver was considered old by modern standards of the time, then the Marconi transmitter we had for a "backup: could only be considered ancient. But it was the only hope I had of communicating with Goose Bay of some other station with direct facilities to Search and Rescue. I reached over and turned on the power switch. No cloud of blue smoke! So far, so good. I waited for a moment, then, tentively, I tuned the transmitter and tapped out the call to Goose on the morse key. No reply. Well, I really didn't expect one did I? Then, "SOS VOZ" (my identification) this is ARIESQUIP". The station in distress was calling me!

"SOS ARIESQUIP this is VOZ go ahead" my morse key stuttered. "Thank you VOZ", was the reply. "Would you please relay to Search and Rescue the following", and he repeated his previous message. "Roger" I replied, "please standby". If I was in a quandry before, panic was setting in now! Goose Bay had not answered my call, no one else had apparently heard the message, and I didn't have as much chance as a wounded caribou in a pack of wolves of getting that message to anyone else! "Thirty-six men on a flaming wreck" my mind misquoted, "Ho, ho, ho, for a bottle of rum!" Cut it out, boy, THINK!

The frequency was now completely quiet, but who would hear me if I did call? Was it just possible, I asked myself, that some coast station in that area of the world might hear me? After all, the ship and I have exchanged communications. I called Goose Bay again with one hand, while the other was searching through the International List of Coast Stations, which list every Coast station in the world. Still no reply from Goose Bay. No map and only a rather vague memory of some island to the south of Capetown. My glance fell on an unfinished letter to my girlfriend. It was my girlfriend's name that triggered it! Marion Island! My fingers raced through the pages. At the bottom of the page under the Union of South Africa; 'MARION ISLAND CALLSIGN ZSM'. As poor as the chances were, that crew would surely die in the frigid waters of the southern ocean, if I didn't try something!



"ZSM from VOZ" I sent slowly on the morse key. My weak little signal was scattered to the four winds of the ether via the ice covered vertical antenna stretching up 40 meters above the radio shack. Loud and clear came the reply; "VOZ from ZSM Marion Island, go ahead, we copy."

I was completely dumbfounded! Marion Island was answering me! "Marion Island" I replied, "the following message received from ARIESQUIP" and relayed the Distress message. "Roger VOZ your message received." I had done it! "VOZ from ARIESQUIP", the ship in distress called me again, "We are unable to copy Marion Island, but understand they have the message. We are closing down, and taking to the lifeboats. Thanks from us all." I confirmed the message from the ARIESQUIP and relayed it to Marion. Marion Island replied, "VOZ from ZSM, for your information help has been dispatched. Many thanks for the relay." I called the ARIESQUIP with welcome news, but there was no reply.

Was there anything further I could do? I typed all the pertinent information in the station radio log, and continued to listen on the frequency. The normal operations of the closer stations was continuing. They had, apparently, heard nothing. About 15 minutes late I heard Marion calling the ARIESQUIP, but nothing at all from the ship. A few seconds later, Marion again, but this time barely perceptible. A very loud American station drowned out any further communications. I said a short heartfelt prayer for the crew. Now, that the excitement was over I noticed that the temperature in the radio room was slightly warmer than a Norwegian Hell. That warm bunkhouse was beckoning and I had done what I could. I reached over and switched off the ancient transmitter, giving it a friendly pat. The green frequency light blinked a couple of times, almost as if it too was content, and went out.

Two days later, when "blackout" conditions had lifted allowing contact with Goose Bay, I reported the incident. I received a message back a couple of days later that, not too subtly, suggested that I had been on the coast for too long, with the attendant loss of mental capabilities. Since no one else had heard any of it, (remember, all the coast stations were closed down that far north after the first of December, so there was no one listening to back up my story) they really thought that I had made up the incident from whole cloth. Officially, that was the last I ever heard of the incident. Unofficially, I was classified, more colloquially, by the operators at Goose Bay as being "bushed". Let them think what they would, I KNEW that it really happened.

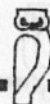
There was no mention of the sinking in any of the newcasts when the "blackout" conditions resolved themselves and since mail drops came only every six weeks, weather permitting, I never subscribed to any newspapers. I left the bleak coast some months later, posted to another isolated station in central Quebec. The Coast Station that signed VOZ was abandoned in the late 60's as



better methods of communication developed. The station radio logs are long since gone, as are most of the people who took part in the episode. I wondered for many years, what had happened to those 36 men after my part in the rescue was finished.

My graveyard shifts on the commercial radio circuits ceased a decade and a half ago. Now my only operation is on the amateur radio frequencies. Some months ago, I was speaking to a radio amateur in the southern part of the United States, and after the usual exchange of pleasantries, we discovered that we had both been commercial radio operators. I mentioned my having been at the station in Labrador and he inquired, "When were you there?" I replied with the information. "Do you remember a distress incident in early January of that year involving ARIESQUIP?" It developed that he had been the operator on the ARIESQUIP on that day so long ago! He had been even more surprised that I, at the time, when I had returned to his distress call! He told me, that although there had been a couple of minor injuries, all 36 of the crew survived the incident. He had written the station in Labrador some months later, giving more details on the happenings, and asking the operator that had been on duty to reply, but I had never received the letter. We had a wonderful chat, and I was looking forward to many more. Unfortunately, I saw in one of the radio journals two months ago, that he passed away.

The nights are still long, the pastels of the Artic Symphony still coldly play the winter skies, and isolation is still a way of life on Labrador's coast. Here in Southern Ontario, isolation is just a word. I meet more people in an hour than I saw that whole year on the Coast. Yet I still remember one cold January night, when a lonely operator decided to turn on equipment, that normally would never have been used at that time of year, just to hear a few friendly sounds. I am indeed grateful, that the fates, that gave me an opportunity to assist, were kind to those, whose message of disaster was relayed from the sub Antarctic to the Artic, and back again.



FROM CRRL NEWS

Montreal Amateur Radio Club reports that the City of Cote St-Luc, Quebec has passed a by-law which permits Amateur Radio towers to a height of 80 feet with a 5-foot setback to the perimeter of a beam antenna. Wire antennas can be erected with the ends run to a tree or other natural height including existing telephone or power poles, but no extra poles are permitted. No word yet on how this by-law fits in with the generally accepted principle that only the federal government can regulate Amateur Radio antennas.

As a result of articles in QST and TCA, a number of amateurs have been asking about the possibility of CRRL-CARF merger. A CRRL committee is studying the matter and will

report to the CRRL Board at its 1987 Meeting, to be held in Toronto on August 29-30.

DOC has issued a Discussion Paper on low-power wireless devices for use in the workplace. The paper asks what RF spectrum, technical standards and licensing requirements might be appropriate for these devices. A new DOC document, RRS-229, outlines standards for cordless telephones operating in the 46- and 49 MHz bands. Both the Discussion Paper and RSS-229 are available from DOC, Ottawa, or DOC Regional Offices in Moncton, Montreal, Toronto, Winnipeg and Vancouver.

OTTAWA VALLEY MOBILE RADIO CLUB
MEMBERSHIP APPLICATION

ALL SIGN

Application Date

urname	Given Names & Initials	Preferred Radio Name
ddress	Home Ph.	
ity & Province	Postal Code	Business Ph.

NEW RENEWAL
 Association Membership
 CARF CRRL
 OARC Other...
 FOR OFFICE USE

copies for membership(s) for the MEMBERSHIP YEAR.....1987./88..
 n the following categories:

- REGULAR MEMBER* - Licenced Amateur.....\$15.00 _____
- ASSOCIATE MEMBER* - Radio Enthusiast.....\$15.00 _____
- FAMILY MEMBER(S) - of Regular or Associate Members...\$ 1.00 _____

Given Names:

nd encloses a cheque/money order for the sum of\$ _____

Includes subscription to the Rambler.

MAIL TO: [OTTAWA VALLEY MOBILE RADIO CLUB,
 P.O. Box 5530 - STN "F"
 OTTAWA, ONTARIO K2C 3M1]

Membership Number
<input type="checkbox"/> Membership(s) registered by:
<input type="checkbox"/> Receipt issued by:
<input type="checkbox"/> Card(s) issued by:
<input type="checkbox"/> Subscription(s) registered by:

FROM CRRL NEWS

A draft copy of a DOC Discussion Paper, "Jurisdictional Issues in the Regulation of Antenna Structures", is in limited circulation, but is known to have reached some municipalities. The paper suggests that provinces, and by extension, municipalities, may be able to regulate the aesthetic and safety aspects of antenna structures to the extent that their regulations do not "sterilize" radiocommunications which is a federally-regulated undertaking. CRRL has sent an appropriate letter of concern to the Minister of Communications.

CRRL has modified its rules for the Worked All QST Award. Contacts with any combination of eight stations using a "QST" callsign will qualify the operator for this award. QSL cards are no longer required. A copy of log entries, certified by the operator and two other licensed amateurs, will do the trick.

According to Westlink Report, the availability of affordable amateur equipment in the U.S. may be in jeopardy as a result of tariffs, imposed by the Reagan administration, on high-tech electronic equipment imported from Japan. If an agreement is not reached and the tariffs remain, the cost of Japanese-built amateur equipment sold in the U.S. could double.

OVMRC
P.O. BOX 5530 STN F
OTTAWA ONTARIO
K2C 3M1



FIRST CLASS

FIRST CLASS

J. Erland VE3BBY
617 Gardenvale
Ottawa, Ontario
K1K 1E5