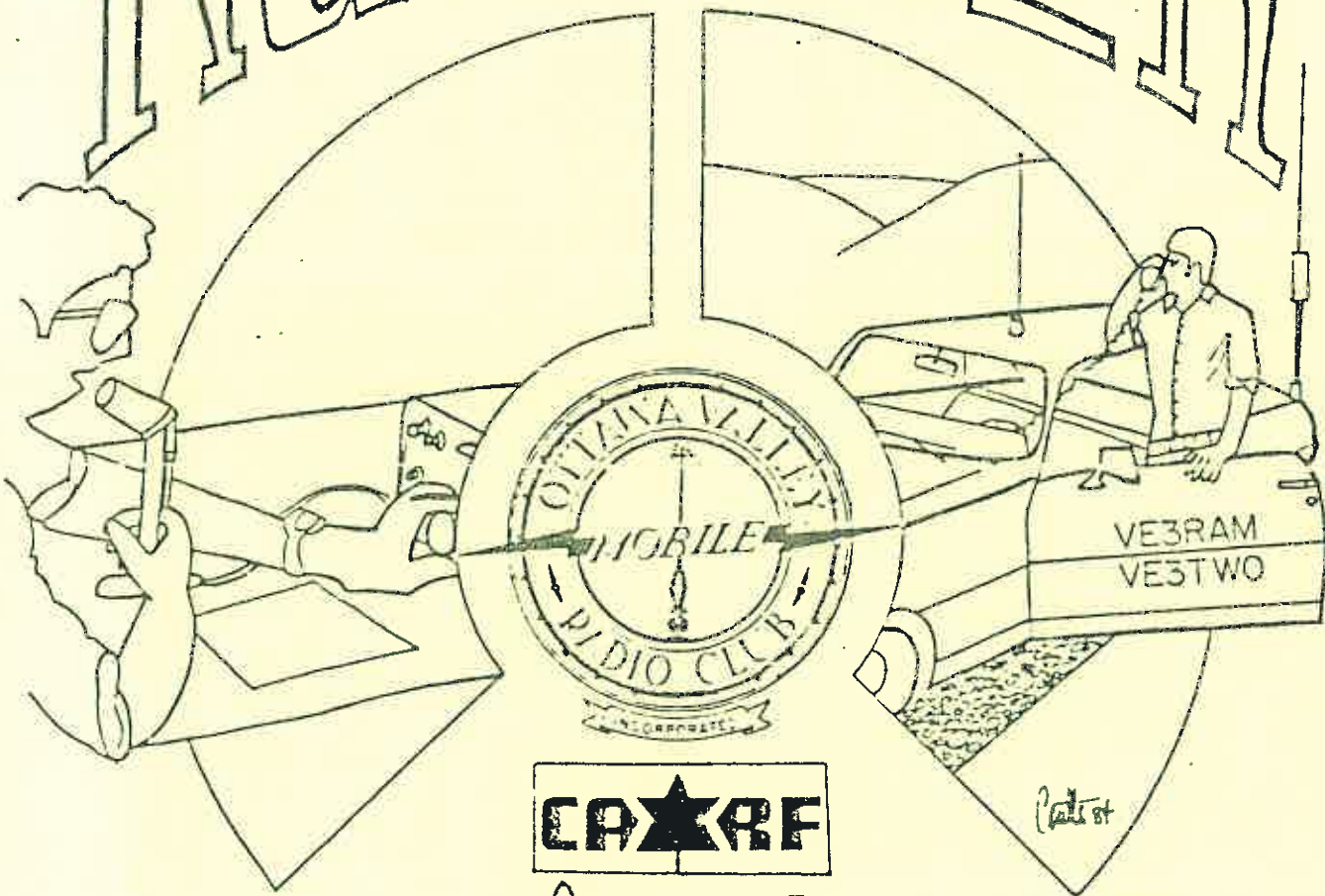
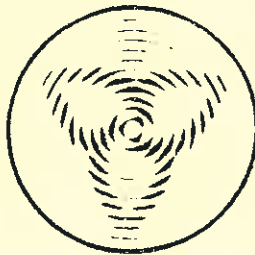


Ramble



CR★RF



NEXT MEETING
NOV 19
PROGRAM
DOC RADIO INSPECTORS

THE OTTAWA VALLEY MOBILE RADIO CLUB INCORPORATED
1987 - 1988 EXECUTIVE

PRESIDENT	BILL SEYLER	VE3OAI	836-5818
VICE-PRES	IAN MCINTYRE	VE3CZ	731-7617
SECRETARY	KRIS ANDERSON	VE3OWE	225-4152
TECH ADVISOR	ALAN BOYCE	VE3LNH	737-4937
PUBLIC REL	LEO DESJARDINS	VE3NVL	225-0902
TREASURER	HENRY GREENWAY	VE3OMU	729-3804
PAST PRES.	VANCE JOHNSON	VE3OAO	824-9555
EDITOR	JERRY WELLS	VE3CDS	225-7374
MEMBERSHIP	PAT BREWER	VE3KJQ	820-9309

CLUB SPONSORED ACTIVITIES

POT HOLE NET - OVMRC Net -
Every Sunday, 1000 local time
on 3760 kHz. SSB. All radio
amateurs are welcome to
participate.

THE WISE OWL NET - OVMRC Net -
Ragchew net every Friday
evening at 2000 local time on
the club repeater VE3TWO -
147.30/90 MHz.

VE3JW - Amateur radio station
of the National Museum of
Science and Technology. The
OVMRC helps maintain the
station and schedules
operators for the station as
part of an Amateur Radio
public relations display.
VE3JW operates on all HF
Bands, both CW and phone.
Slow scan TV is also
demonstrated. For information
or if you wish to operate the
station, contact the Public
Relations Coordinator.

LOCAL AMATEUR RADIO ACTIVITIES

POT LID NET - Sponsored by Ed
VE3GX. An informal slow speed
CW net meeting each Sunday
(except July and August) at
1100 hrs. on 3620 kHz, to
provide and stimulate interest
and proficiency in CW
procedures.

CAPITOL CITY FM NET -
Sponsored by the Ottawa
Amateur Radio Club Inc. every
Monday evening at 2000 hrs
local time. Conducted on
VE2CRA repeater 146.94/146.34.

SWAP NET - Sponsored and
conducted by Ed, VE3GX, each
Sunday as part of the Pot Hole
Net and each Monday as part of
the Capitol City FM Net
(except July and August). Ed
may be reached at 733-1721 for
listings and queries.

THE MILITARY NET - Sponsored
and conducted by Frank,
VE3MSC, Tuesday at 2000 hrs on
VE3TWO 147.30/147.90 MHz.

Membership in the OVMRC is
open to all those interested
in Amateur Radio. Regular
meetings are held on the third
Thursday of each month (except
July and August) at 2000 hrs
unless otherwise posted.
Meetings normally take place
in the auditorium of the
Museum of Technology on St.
Laurent Blvd (south of the
Queensway)

The OVMRC provides code
practice 24 hours a day. Dial
825-0786.

FROM PRES

I would like at this time to bring up the subject of the annual club banquet.

While it is within the terms of membership that those serving as Executive can also chair committees it is not an absolute "must". I would like an opportunity to out due last year's "Thank you to our spouses which I hasten to add was at very little expense to the Club and not "something for a few" as was expressed by one mis-informed member.

I propose at this time, a more formal banquet. Door prizes, a D.J. perhaps, still business suits but a bit higher on the hog with more privacy than last year.

This of course would cost. Again not from Club funds but from sale of tickets at a price to be determined. The above approach would allow planning and if as it so often does something crops up the revenue taken in would cover expenses. Just as a ball park figure, the sum of fifteen dollars per person would in to-days market not be exorbitant.

The restaurant, menu, prizes etc., would of course be determined by the number of tickets sold.

As in any such plans something can go awry so I should present at the November meeting a motion to go this route or whatever the majority of those members attending (one has to attend to voice an opinion) wish to have or not have for the Annual Club Banquet.

Do plan on a Flea Market. Hope to see many of our people here in Kanata on October 31st. It would be not overly soon to come up with a co-ordinator for the OVMRC Flea Market (Spring 88).

I realize I did not thank Jack VE2CV for his coming out, taking time out of a very busy schedule to speak to us but we are grateful. Indeed this is in fact a wonderful community where so much expertise in many fields is centered.

I was searching for an appropriate ending to this month's article and happened to be listening to the ONTARS NET at 3.755 KHz. My query was "Who said "What Hath God Wrought" A reply came back from VE3CRL Ken in Islington who reminded me that it was Samuel Morse's first transmission using his new code. Ken also stated that Morse did not obtain a patent in Britain for his code as he had been preceded by Wheatstone some two years earlier. Ken I may add was a school teacher and presently teaches amateur radio in Islington. Another new friend and if I risk repeating myself there is a lot of knowledge to be gleaned from the older operator if we can prevail upon them to share their knowledge.

Bill VE3OAI



MINUTES OCTOBER MEETING

The meeting was opened at 20:07 by President Bill VE3OAI who welcomed about 40 in attendance including a guest VE2SD. The minutes of the September meeting were approved.

EXECUTIVE REPORTS

Treasurer Henry VE3OMU noted that the financial statement appeared in the Rambler. Further revenues have been received from membership renewals since it was prepared.

President Bill VE3OAI mentioned that the Technical Advisor Alan VE3LNH will provide guidance on how all of the equipment in VE3JW is connected so that the essential connections (antenna, cables, etc.) can be better identified for use by those wishing to operate.

Public Relations coordinator Leo VE3NVL noted that the operator schedule is now printed in the Rambler and a copy is posted at VE3JW.

Editor Jerry VE3CDS commented that he was faced with two major problems:

1) The club policy is that each member of the executive is to provide an article for publication in the Rambler. This has not been adhered to of late. He encouraged the executive and club members to provide articles for publication.

2) There is a critical need for a publication committee that will take on full responsibility for printing the Rambler. This will require a commitment of about 6 hours or two evenings per issue for two or three people. Jerry VE3CDS provides the

master pages ready for printing, collating and labelling. This month, the Rambler was late due to maintenance problems with the copier. These have been corrected. Those interested in taking on the job of the publication committee were urged to speak to Jerry who will assist them in getting started but cannot continue to carry the load since it requires younger members who are better able to cope with this job. The Rambler is the most important club activity. Don't let it lapse for lack of interest and commitment.

Membership coordinator Pat VE3KJQ reported that the course has 19 students including some with military cw experience. The DOC question books of 800 questions and answers is a big help in the course. These question books are available at \$10.00 for non-members or \$9.00 for members plus 0.75 postage from CRRL. There was little interest expressed in having the club purchase a set (Amateur and Advanced Amateur) for loan. It was felt that those who were interested would purchase their own copies.

The code testing on behalf of DOC is required to be administered by Advanced Amateur licence holders. Pat VE3KJQ will supply the code tapes and the necessary documentation. However a code test committee of three Advanced Amateur licence holders is required, if the club is to provide this service. Any members who are interested in providing this worthwhile service on behalf of the club are urged to contact Pat. Pat mentioned that AMSAT membership for the



club is \$50.00 (U.S.). It was proposed that the details be published in the Rambler and be discussed by the Executive who will prepare a recommendation for consideration by the members. Pat also reminded members of the need for course mentors as well as those who are willing to have the students visit their shacks as some have never seen an amateur station. He also reminded members that a RED DOT on their Rambler address label means that they have to renew their membership if they wish to continue receiving the Rambler.

CRRL representative Ray VE3FN provided feedback on the Board meeting in Toronto including continued work on the proposed merger of CRRL and CARF. CRRL is providing \$1000.00 worth of legal research to assist Jack's lawyer in the Ravenscroft case. He also noted that DOC are planning to assign a frequency in the 430 to 450 MHz band for doppler radar for atmospheric environmental services. CRRL are discussing this with DOC to try and find a frequency assignment in this band that will cause the least problem for Amateur Radio, possibly around 442 MHz. It should be remembered that in this band, Radio Amateur use is secondary to Radio Location services. CRRL are also suggesting that DOC consider another frequency in the 402 to 400 MHz band. That band is assigned for meteorological aids here and in the U.S. DOC have reissued Broadcast Procedure 23 for Cable TV. This new issue 3 increases the permitted radiation level in the 2 metre band. CRRL have objected vigorously to this. DOC are considering assigning Wireless

LAN (Local Area Networks) frequencies in the 902 to 928 MHz band. CRRL have objected to DOC and suggested that other modes such as infra red, fibre optics etc. should be considered as an alternative. President Bill VE3OAI announced that the next executive meeting will be at his QTH on Tuesday Oct. 20/87 and the next general meeting will be on Nov. 19th when DOC Radio Inspectors from the Ottawa District office will provide an update on spectrum management and other topics of interest.

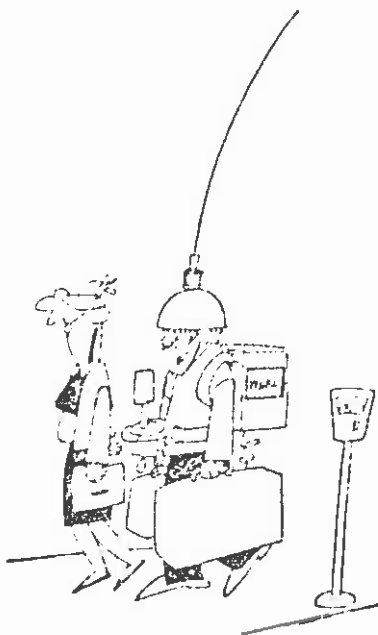
The first guest speaker was introduced by President Bill. This was Gord VE3DY who provided a very interesting outline of the early history of the club. He will write this up over the winter. It will be welcomed by the present membership who are most interested in this subject. Some of the highlights that Gord mentioned are:

- The club was formed 16th Feb. 1958 and met on mobile 75m and 19m. The first president was VE3DMT now Vice President Ian VE3CE! Welcome back Ian. The Rambler was first issued in May/58. There were many spontaneous activities organized over mobile radio. The Pot Hole net was established in 1959 and was so named because of the abundance of "pot holes" on the roads at that time. We wish Gord well in this very worthwhile undertaking and look forward with interest to reading the history of the club.

President Bill introduced Dr. Jack Belrose VE3CV who is an authority on antenna design and operation. He spoke on loop antennas and illustrated

his talk with numerous slides. The talk was very informative and covered antenna fundamentals as well as the characteristics of loops that make them especially useful for DX. Delta loops and half loops were covered in detail and numerous questions were very capably answered. We are indeed fortunate to have Dr. Belrose in the community as a resource person on this most important topic. President Bill thanked Dr. Belrose for his excellent presentation. Chuck VE3PDK reminded members that the Boy Scout Jamboree is on this weekend, Oct. 17 and asked that anyone hearing VE3JW to please contact them as they will have Boy Scouts here anxious to make contacts via radio. The meeting was adjourned at 22:08.

Kris Anderson VE3OWE
Secretary



"So you're the lightest mobile kilowatt in the country, so what?"

PROPOSED REVISION OF OVMRC CONSTITUTION [BY LAWS]

PARA 9 [4] delete "that the nominated president, vice president and technical advisor are full members" renumber para 5 as para 4. Rationale for revision; the requirement re full member, originally meant that they had full mobile equipment in their cars. this is no longer a requirement.

para 11 [1] delete; the vice president looks after the club membership add; [1] membership coordinator- responsible for coordination of all membership activities including: processing of membership applications maintaining the membership list up to date notifying members whose dues are in arrears Rationale for revision: these duties have been carried out by a membership coordinator rather than the vice-president. This revision will confirm this position as part of the executive committee.

The following was learned from our VP, Ian VE3CZ. Bits and pieces donated by Doc VE3LC were sold at the flea market last Saturday. Tnx Doc the club can use any and all donations. Ian also recommends the Trans-provincial net on 7055 daytime. good coverage on a recent trip to Hogtown with good traffic handling back to Ottawa via Grace, VE3HZB... Give the Trans Provincial a listen. 7055 USB...





CO to our members and clubs we exchange newsletters with. I also want to extend a WELCOME! to our new STUDENTS that are attending the OUMRC's sixth running of our Amateur Radio Course.

Our hats are off to UE3FSH Russ, for his unfailing dedication to teach the theory; and to UE3KJQ Pat for generating all the code tests over the six-year life of the course. Other Past Presidents have helped teach the code (UE3LNR Mike) and draw the schematics (UE3KLI Dave) but they had to leave with their work. Others have helped like UE3OWY Kathy and UE3AHN Jim. Others have visited the classroom to encourage the students (and instructors) along and have acted as Mentors to help students over rough spots and show them their "shackler" "on-the-air".

My entry into the OUMRC was by the Student route in the inaugural year of the course.

My CONGRATULATIONS! go to UE3FSH Russ and UE3OWY Kathy, who were recently married. I just finished saluting their role in the club's radio course. Kathy was our Secretary one year and would have made a fine President the following year. They have also helped publish the RAMbler.

It looks like three students have already passed their code tests, thanks to the DOC's Attestation Program, so good luck with the theory and regulation exams.

As you may have noticed, I am using The Newsroom program again. I bought it new. My last article was a bit hard to read, but it was too long for me to do much with. UE3CDS Jerry (our Editor) suggested these changes. There is a new program out called GeoPublish which looks better than this, but it only mentions using a laser printer on the output which is beyond my humble means. The Clip-Art disk didn't have a map of Ontario, so I drew my own with the Graphic Tools. My screen is about 1.8 times as big as the print-out.

TS de UE30AO Vance
Past-President



Vance

SCHEDULE FOR VE3JW

Schedule for november 21 to december 27, 1987.

		Morning 9 AM - 1 PM		Afternoon 1 PM - 5 PM	
Nov 21	SAT	Fred George	VE3JNP VE3JNO	Leo Paul	VE3JPL VE3JPO
Nov 22	SUN	Dan	VE3JBI	Bob Earl	VE3JBB VE3JEB
Nov 23	Sat	Eric Alan	VE3JHJ VE3JEC	OPEN	
Nov 29	SUN	Lee Bill	VE3JWD VE3JGI	Harv Jerry	VE3JYH VE3JDS
Dec 5	Sat	Archie Chris	VE3JNY VE3JCF	Chuck Ed	VE3JDI VE3JED
Dec 6	Sun	Dave Harv	VE3JIT VE3JWH	Susan Joan	VE3JSP VE3JSE
Dec 11	Sat	Cliff Gary	VE3JTP VE3JGD	Tom Paul	VE3JVA VE3JPI
Dec 13	Sun	Fris	VE3JDE	Benny Bill	VE3JMB VE3JWB
Dec 19	Sat	Otto GEORGE	VE3JED VE3JGO	Chuck Don	VE3JRI VE3JDO
Dec 20	Sun	Doug George	VE3JHJ VE3JGO	Tom Fred	VE3JVS VE3JFD
Dec 26	Sat	OFF		OFF	
Dec 27	Sun	OFF		OFF	

This is a list of operators who have expressed a desire to operate VE3JW, the amateur radio station at the Museum of Science and Technology. Anyone else interested to operate the station is welcome to call Leo, VE3JPL at 225-0902.



ANTENNA TOPICS

A bunch of the boys were tuning up
Others were "bouncing" the moon,
The kid that writes the log book up
Was tapping CQ with a spoon!
(with apologies to R.S.)

In response to the not so subtle hint from the Editor that executive members are duty bound to contribute an article to each issue of the Rambler, I took pen in hand and prayed for inspiration. It may be the influence of "antenna weather" that is closing in, or the excellent presentation at the October meeting by Dr. Jack Belrose, VE2CV, or obht, that turned my thoughts toward antennas as a topic. They are certainly an endless subject of discussion "on the air" as well as when two or more hams compare notes. Antennas represent one of the last frontiers where it is still possible to experiment, explore and sometimes even discover something new and novel. Perhaps this column can serve as a forum for discussion and sharing of personal experience and other information on antenna topics.

So, where to start? Members and other readers are invited to contribute notes or articles on their own antenna activities, experiments, failures, solutions, etc. These are certain to be of interest to others who may be working in the same particular area. In my own case, I have used a horizontal full wave 80 metre loop since Oct./85 when the QST article appeared that

described it. I have been very pleased with its performance on all bands including the new WARC bands. It is omnidirectional and loads up with a manual antenna tuner from 80m through 10m. Typical SWR is around 1.2. As expected, bandwidth is less at lower frequencies. I have two QSL cards from Japan so it gets that far on 20 metres. In discussion with Dr. Jack Belrose VE2CV, he mentioned that at the higher frequencies, the radiation will be in the plane of the loop (i.e. very low angle). This may account for the good performance on 20 and 10 metres. The loop is suspended from trees at three points at about 30 feet above the ground. A system of ropes and pulleys keeps it out clear of branches. The feedpoint is at a corner near the house, where a 1 to 1 balun is connected to RG8X feed line. In-line coax connectors are used so the antenna can be disconnected outside the shack as a precaution against lightning damage. In normal use, when not connected to the rig, it is grounded in the shack. While the average city lot will not accommodate an 80m full wave loop, a 40 metre loop will require about 150 feet of wire to tune to 7.0 MHz (using the 1.07 factor for length mentioned by Dr. Jack Belrose at the October meeting). This will require either four supports at 37.6 ft. or three at 50 ft. If anyone tries the "Super loop", please share your experiences with the readers of the Rambler. That's all for the first installment. Please send in your contributions on antenna topics to the Editor Jerry



Wells VE3CDS or to the undersigned. By sharing our collective experiences we will all benefit and be able to enjoy this great hobby even more.

73 de Kris VE3OWE

HOW I BECAME INTERESTED IN AMATEUR RADIO

I guess it's fair to say that my interest in amateur radio began at an early age. I was always intrigued by the messages being sent using the international morse code which could be heard at the end of the broadcast band from the family radio. It puzzled me how anyone could learn to understand these sounds. Being quite young during the war years, I had no real perception of the true meaning of war. We lived in the country and my family did not have the benefits of electric power. My parents had a battery operated table radio which was solely used for listening to the developments of the second world war and related broadcasts. However, my only interest was to listen to those strange noises coming out of the speaker. The only way I could do so was to sneak the radio off to a place where my parents could not hear it in operation. This was not always an easy task to accomplish, since this tube radio was no comparison to the modern transistorized model we have today. The external batteries were a bit smaller than our conventional car battery. Needless to say, the consequences were not pleasant when my parents caught on to what I was doing.

The real climax came when I purchased a germanium diode detector (1N34) and built my first receiver. What a thrill it was for me to hear transmissions coming through! Unfortunately my interest came to a standstill because by then I had moved away to attend high school. Amateur radio was somewhat forgotten by this time as I had developed "other interests".

The event that resurfaced my interest in amateur radio was when I entered the hospital in 1980. There I met a chap who was interested in electronics. Soon the subject of amateur radio became the topic of our conversation. He told me that many years ago he had hopes to get his ticket, but because of the war this never materialized. His morse code was pretty good. Eventually he taught me a few words in this mode of communication, such as sending my name and address. Before I knew it, we attempted to communicate with each other in CW. Sometimes, while doing our exercises in the therapy room, we would communicate (or attempted to) in morse code. This task was also carried out in our room. We would send each other messages using our canes and the metal bars on the side of our beds. Fortunately, the other two patients in the room were hard of hearing. The staff must have wondered if we were in the right institution!

From that point on, I was determined to acquire my ticket. I built myself a Heathkit code oscillator and started practicing morse code.



I would recite aloud traffic signs, newspaper headlines, etc. With the help of another amateur and W1AW broadcasts, I was able to receive morse code at 10 wpm plus. At this speed I was well prepared to obtain my amateur ticket, so I thought. I wrote the DOC exams, and yes, I failed the morse code. Eventually I received my radio amateur license in November, 1982 and my advanced certificate in February, 1986.

My only regret is that I did not get my ticket earlier. Being an amateur radio operator in the earlier days, meant you had to build most of your equipment for your shack. Today one can obtain a rig one day and be on the air the next. We can always take the first route but too often we tend to take the easier one.

The time and hard work I spent learning the code has given me nothing but positive results. I feel a sense of pride and satisfaction when I look at my certificates on the wall of my shack.

Yes, my favorite mode of operation is morse code and my speed has increased considerably.

dahdahdididit dididahdahdah
de Leo, VE3NVL

AMSAT
Interested in AMSAT ? a one year membership costs \$26. This includes 24 issues of the bi-monthly Amateur Satellite Report. contact the Editor for further details.

CRRL NEWS

There was a hearing in the Jack Ravenscroft appeal on October 28. However, the hearing did not deal with the merits of the decision against Jack, but with the appropriateness of certain evidence - a description of the plaintiff's offer to make an out-of-court settlement - included in the plaintiff's factum. A written judgement is pending.

Six Canadian skiers, four of whom will be chosen to take part in the USSR-Canada Transpolar Skitrek expedition next February and March, have just returned from rigorous training in the Tien Shan Mountains of Soviet Central Asia. They, along with their Soviet colleagues, will resume training in November, this time in the Canadian Eastern Arctic. During that training, they will carry out initial communications tests between themselves and an Amateur Radio station established for the tests. CRRL people coordinating communications will then be able to determine the final location of the main Canadian base station which will be operational throughout the Skitrek expedition.



MEMBERSHIP MEMO

What with all the problems las month getting the Rambler printed and with the post office on strike, we are giving the people who have not renewed another chance to rejoin us. If there is a RED DOT on your adress label plase renew now before you forget. Thank you to all those who have already renewed. Let's hear from the rest of you!

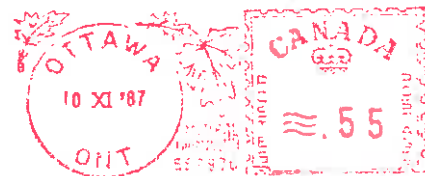
In other news, the course is going along very well. Three students already passed their code receiving! One of last year's students, Peter Hunt, just got his ticket and is now VE3PXM. Congratulations Peter! We could still use a few people who would be willing to act as mentors to help students with problems or to let them visit your shack. If you would like to help call me at 820-9309.

Pat Brewer
VE3KJQ

CODE TESTS

Applicants wishing to take code tests at either 10 wpm or 15 wpm administered by the club on behalf of DOC should contact Pat Brewer or any member of the executive at least 1 week prior to the desired date for the test. Arrangements will be made to have advanced license holders attend to witness the tests. Tests will be arranged when at least 3 or 4 applicants are ready, and will take place prior to the regular club meeting.

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



FIRST CLASS

FIRST CLASS

JIM HAMILTON VE3GJY
2038 ARCH ST.
OTTAWA ONT.
K1G 2H1