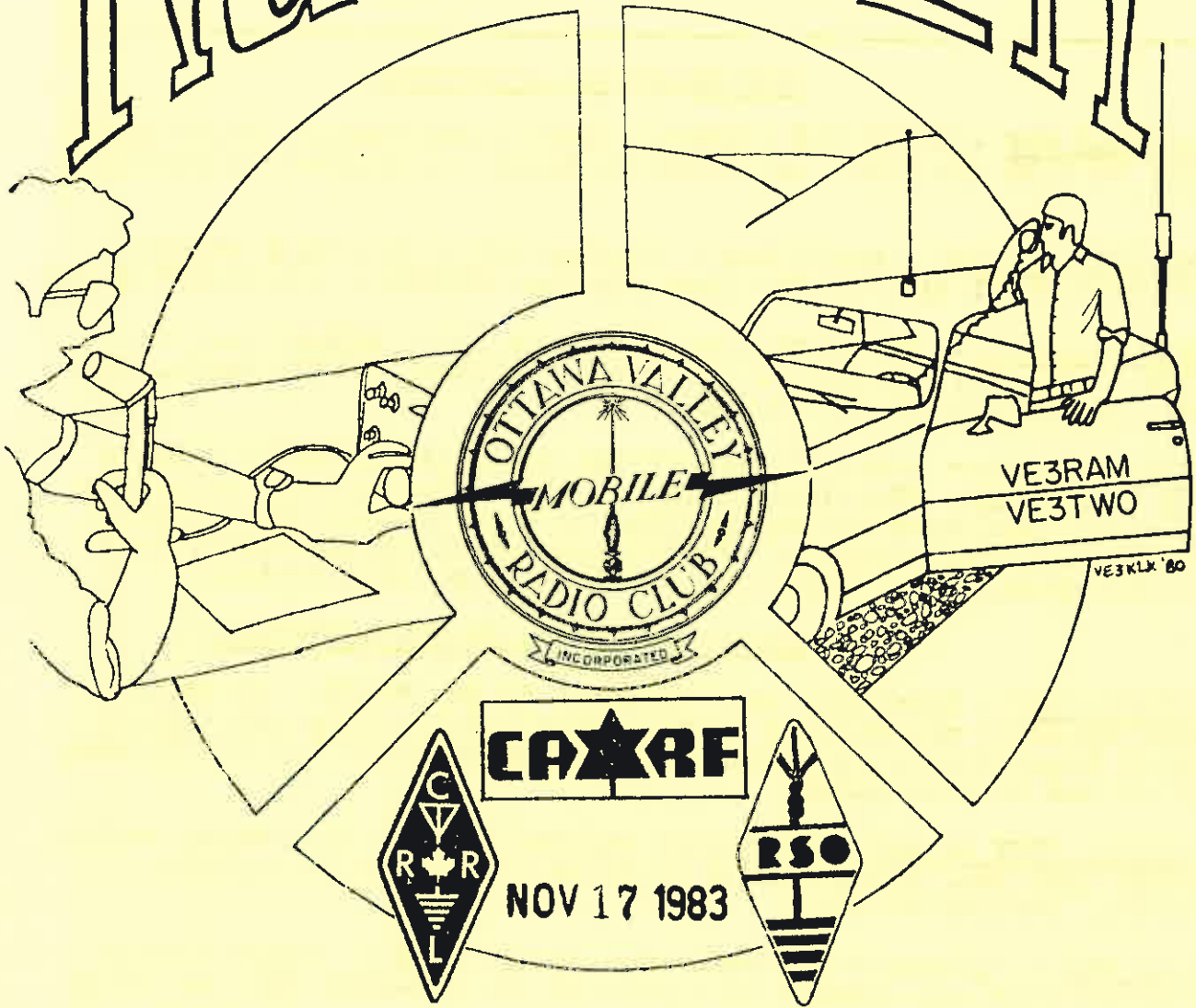


Ramble



THE OTTAWA VALLEY MOBILE RADIO CLUB INCORPORATED

1982-1983 EXECUTIVE

PRESIDENT	Dave Coutts	VE3K LX	829-2537
VICE PRESIDENT	Pat Brewer	VE3K JQ	725-1528
SECRETARY	Bill Seyler	VE3O AI	836-5818
TREASURER	Vance Johnson	VE3O AO	824-9555
TECH ADVISOR	Bill Balke	VE3N PG	727-0743
PUBLIC REL.	Les Patterson	VE3K HF	828-9860
EDITOR	Jerry Wells	VE3C DS	225-7374
PAST PRESIDENT	Russ Pastuch	VE3F SN	828-9235

CLUB SPONSORED ACTIVITIES

POT-HOLE NET - OVMRC Net - Every Saturday and Sunday, 10:00 local time on 3.76 MHz SSB. All radio amateurs are welcome to participate.

THE WISE OWL NET - OVMRC Net - Ragchew net each Friday evening at 20:00 local time on the club repeater VE3TWO - 147.90/147.30 MHz.

CODE PRACTICE - Transmitted on VE3TWO by Dave, VE3K LX Wed. at 1900 local, 18, 15, 13, 10 and 7 wpm. Friday at 1900 local, 40, 30, 25, 20, 18, 15 and 13 wpm.

VE3JW - Amateur Radio Station of the National Museum of Science and Technology. The OVMRC helps maintain the station, schedules provides 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 Amateur TV is also demonstrated.

LOCAL AMATEUR RADIO NET ACTIVITIES

POT-LID NET - Sponsored and conducted by Ed, VE3GX. An informal slow speed CW net meeting every Sunday (except July and August) at 11:00 local time on 3.62 MHz, to promote interest and proficiency in CW and CW procedures.

CAPITAL CITY FM NET - Sponsored and operated by the Ottawa Amateur Radio Club Inc. every Monday at 20:00 local time on repeater VE2CRA, 146.34/146.94.

SWAP NET - Sponsored and conducted by Ed, VE3GX. Every Sunday (except July and August) as a part of the POT-HOLE NET and every Monday (except July and August) as a part of the Capital City FM Net. Ed may be contacted at 733-1721 for listings and queries.

ALL CONTRIBUTIONS TO THIS BULLETIN GLADLY ACCEPTED

Membership in the OVMRC is open to all those interested in Amateur Radio. Regular Club Meetings are held on the third Thursday of each month (except July and August) at 20:00 local time unless otherwise posted. Meetings normally take place in the auditorium of the National Museum of Science and Technology on St. Laurent Blvd. (south of the Queensway).

CHIEF BRIEF

Thanks to all of you who showed up at the October meeting. The attendance was higher than I've seen it in quite a while

I've had some requests for a more precise code practice schedule so here it is.

WED NIGHT

700-707	Intro at 10 WPM
707-715	18 WPM
715-723	15 WPM
723-731	13 WPM
731-739	10 WPM
739-747	7 WPM
747	Close off at 15 WPM

FRIDAY NIGHT

700-704	Intro at 20 WPM
704-706	40 WPM
706-708	30 WPM
708-713	25 WPM
713-722	20 WPM
722-731	18 WPM
731-740	15 WPM
740-749	13 WPM
749	Close off at 20 WPM

Please don't "sympathize" your clock report "20 WPM was 30 seconds late tonight!" All times are a guide and from time to time may be altered slightly. If you have any questions, pass 'em along. If you wish any particular format such as more numbers or punctuation let me know at least one week in advance. I usually type the text into the computer on the weekend before it is to be aired so I need some lead time to adjust to your requests.

See you in November.

DAVE VE3KLX
PRESIDENT

NOTICE OF MEETING:

The next regular meeting of the OVMRC will be held on November 17th at the Museum of Science and Technology on St. Laurent Blvd. Start time, 2000 hrs.

MATERIAL PUBLISHED IN THE RAMBLER DOES NOT NECESSARILY REFLECT CLUB POLICY OR VIEWPOINT. ANY ITEMS MAY BE REPRINTED BY AMATEUR RADIO OR SIMILAR PUBLICATIONS WITH THE PRIVISO THAT CREDIT BE GIVEN TO AUTHOR AND SOURCE.

PUBLISHED AND DISTRIBUTED BY
THE OTTAWA VALLEY MOBILE RADIO CLUB INC.
P.O. BOX 5530 STN F
OTTAWA ONTARIO
K2C 3M1

V.P. VIEWS

At the present time club paid membership stands at 75. Many members have not renewed yet. Perhaps you are thinking back to the days when the club year ran from January to December. In fact the new club year starts in June when the new executive is elected. As a courtesy we continue to send the Rambler to old members until November. Once again this month I will put a RED DOT on the address labels of those members who haven't paid, in hopes of jogging your memory. About 20 members responded to last month's campaign.

After my article in last month's Rambler regarding setting up a display, I received help from a couple of people. Bob VE3KIK found us a display frame about six feet tall and about 21 inches wide on each of its three sides. One more member is looking into getting some more display material and third member is trying to get us some artistic help. If you are interested in this project please contact me. I expect that it will take a number of people to make it a success.

PAT VE3KJQ
VICE PRESIDENT

MINUTES OVMRC MEETING 15 SEPT. 1983INTRODUCTION:

President Dave VE3KLX opened the meeting at 20:00 hrs. approximately.

Thirty members and guests were in attendance.

MINUTES OF JUNE MEETING:

Rene - VE3JKR moved that the minutes be accepted. Seconded by Bob - VE3KIK, the motion was passed subject to amendment motioned by and seconded by the above that the call sign of Les our FR man is VE3KHP, the amendment was passed.

OLD BUSINESS:

The Past President Russ - VE3FSN was presented with a certificate of recognition for his term as President and the manner in which he carried out his duties.

The President also reported there would be no cw practice until further notice due to a mechanical breakdown and other factors.

The VP Pat - VE3KJQ stated that under the revised constitution, the VP is responsible to collect membership fees. There are presently 140 members plus a potential of approximately 18 more on course. He further stated lack of publicity at the "Ex" was the reason for the rather low number of course applicants.

SECRETARY'S REPORT:

Bill - VE3OAI contacted Mrs. Navratil, the XYL Of Stan - VE3GYF and she informed me of his progress which is slow, his speech is still impaired but he does listen to the Wise Owl Net. Dave VE3KLX is going to send an appropriate message to Stan via the "Wise Owl".

VE3BCL - Sid is in hospital, hopefully he will be back with us by the next meeting.

TREASURER:

Vance - VE3OAI read the financial statement.

PUBLIC RELATIONS:

Absent.

EDITOR:

Absent.

TECHNICAL ADVISOR:

Absent.

PAST PRES.

Russ - VE3FSN reported that the Bar B Q was a success although not many showed up.

The annual banquet is coming up and details will be announced in the next Rambler.

CARE

Rep. Bill VE3NR stated the TRC 24 rewrite should be available now from DOC. Also he spoke on the Symposium to be held in Halifax.

The reports from committees was followed by a film on Amateur radio and a video tape on "op Horse People".

NEXT MEETING:

To be held 20 Oct., 1983 at the Museum of Science and Technology at 2000 hrs.

Executive meeting to be held Thursday 22nd Sept.

Adjournment: Moved by VE3OAW and seconded by Art - VE3ZS, the meeting was adjourned at 21:43 hrs.

BILL SEYLER VE3OAI
SECRETARY

MINUTES OCT. 1983

INTRODUCTION:

The meeting was called to order at 2010 by the President, Dave, VE3KIX. The following guests were recognized. VE3JDQ - Jim, VE2GSW - Gord, VE3TL - Clay, VE3FKF - John, VE3DUB - Bob and VE3MPG - Bob (president of OARC). As there were no minutes available for the September meeting approval was postponed to the November meeting. Minutes will be in the November Rambler.

REPORTS AND COMMENT:

VE3JDK commented on the availability of call sign licence plates for light trucks. They are available for \$100 - same as cars.

President Dave informed us that the cw code practice is back on the repeater. VE3BCL Sid is a silent key. VE3VI is in hospital. Stan VE3GYP is coming along after his recent illness.

Pat, VE3KJQ V.P. stated that membership cards are available to those members who have paid their dues. He also proposed a display to promote amateur radio at public events. Anyone willing to help, contact Pat.

Jerry, VE3CDS reported on the excellent support for input to the Rambler.

Russ VE3FSN, past Pres. reminded everyone about the upcoming banquet on Nov. 19. Contact Russ by 12 Nov. He also informed the members that he will be checking VE3TWO on Monday, Oct. 24.

VE3NR Bill gave an update on the CARR symposium held in Halifax. Full details will be in the Dec. or Jan. TCA.

VE3FN Ray reported on CARRL activity. The new TRC24 and TRC25 are published. Meeting with DOC slated for Oct. 29 to review question bank. CATV not meeting present standards. Requested input from members regarding further expansion of US phone bands.

VE3CV, Merv, commented on R.S.O. meeting in Toronto. Low Key affair, six seminars presented. Seemed to be well organized.

VE3MPG Bob, President of the OARC stated that the next RSO meeting will be held in Ottawa Oct. 5, 6 and 7, 1984 at the new Westin Hotel. Rooms are \$68. He also informed us that a flea market will be held at Canterbury High School on Oct. 29.

VE3LAR Mike commented on the Dayton bus trip. Applications in the Rambler.

The remainder of the meeting was show & tell - many fine home built and commercial equipments were demonstrated.

Meeting adjourned at 2045 on a motion by Bill VE3BDK seconded by Leo VE3NVL.

UPDATE ON BANNED COUNTRIES LIST

The following countries have notified the International Telecommunication Union that they forbid radiocommunications with amateur stations under their jurisdiction:

Burma (Socialist	Pakistan (Islamic Republic of)
Republic of the Union of)	Somali (Democratic
Iraq (Republic of)	Republic of)
Libya (Socialist People's	Zaire (Republic of)
Libyan Arab Jamahiriya)	

LAWS OF COMPUTER PROGRAMMING

Any given program, when running, is obsolete.

Any given program costs more and takes longer than expected.

If a program is useful, it will have to be changed.

If a program is useless, it will have to be documented.

Any given program will expand to fill all available memory.

The value of a program is proportional to the weight of its output.

Program complexity grows until it exceeds the capability of the programmer who must maintain it.

Do you intend to attend the annual banquet on Nov 19 ? Make sure that you call Russ VE3FSN before Nov 12. In case you forgot his phone number it is 828-9235.....call now. If you can't reach Russ call Dave VE3KLX 829-2537

Lloyd, VE3FHC is now operating from Montgomery Alabama and you can find him on 15 metres on Saturday and Sunday at 18:00Z on 21.250

KEYER KINK

After I had had a keyer in use for about two years I started being plagued with RF getting into the system. The trouble manifested itself as intermittent unwanted iambic output: in effect the keyer suddenly became uncontrollable. A frustrating situation in mid-QSO, especially as it is not immediately apparent if it is the keyer at fault or the sender.

The problem first appeared on 15 M. I resolved it, temporarily, by rerouting the shielded DC line from the AC/DC adapter to the keyer, and grounding the steel table the rig was on. But then the same thing happened on 40M, with either adapter or 9v battery. Rerouting the shielded line from the keyer to the TS520 transceiver seemed to help. Then 80M and 20M were spasmodically affected.

The solution: .01 mfd capacitor bypasses on both the dot and the dash contacts to keyer case ground. The 9v DC line from adapter to keyer was further shielded with aluminum foil grounded to keyer case, using foil from kitchen stock. Credit for this (so far) satisfactory answer goes to Jack, K6NY of Palomar Engineering, makers of the keyer.

Murphy's Constant Naturally, our old friend had to have his say. I had found a pair of rather ancient .01 mfd caps in the junk box, arranged them neatly in place, and just as I was silently congratulating myself on how well I had done the job, I saw that the ground pigtail of one cap had parted from its body. Back to square one, I thought. But no: I was able to solder a new pigtail on, and all was well. "The difficult we do at once etc." hi. SK.

SERGE, VE3JNG

FROM CRRL NEWS

What happened at that joint CRRL-CARF-DOC meeting held in Ottawa on October 29? Five amateurs and five DOC officials reviewed over 350 questions for the Amateur and Advanced Amateur examinations. Questions not related to material in the new TRC-24 were discarded. Other questions were improved. In some cases, answers were improved. Result: candidates can expect very fair examinations in the future. Any hot tips for those exams? Not really. We can tell you that AM Double Sideband is not specifically mentioned in the new TRC-24 so you needn't expect too many questions on this once-popular mode!

Be glad you're not in Australia. Amateur Radio equipment, which has never been cheap "down under", has just been hit with a 30% tariff. Apparently this was done to thwart commercial radio users who had been importing duty-free amateur radio equipment and having it converted for use on their frequencies.

CRRL is looking for good examination questions for future DOC examinations. Have some ideas? Send them to CRRL, Box 7009, Station E, London, Ontario N5Y 4J9. All questions submitted will be reviewed by both CRRL and CARF, and if approved, forwarded to DOC for likely inclusion in their question bank.

There's nothing so annoying as arguing with people who know what they're talking about.....

To entertain some people all you have to do is listen

EDITORIAL RAMBLINGS

Last weekend while attending the flea market sponsored by the OARC I got to chatting with several local hams about the junk available for sale.

Over the last few days in reflecting on some of the comments heard it is quite surprising how much amateur radio has changed in the past 30 years.

Looking through the current amateur publications at the variety commercial gear available it is not surprising that many hams never experienced the feeling of achievement gained by building their own equipment. I guess that many of us have become just operators of commercial gear.

In fact, it is still quite easy to build many useful items for use in the ham shack. One of the really good things is that basic equipment has not significantly changed over the years. A good example is a wave meter. The one that was built for use in this station was copied directly from the Radio Amateurs handbook, 1949 edition. I've lost track of how many different hams I've loaned it to - in fact I'm not even sure who has it now. It works like a charm. Likewise the grid dip meter - right out of the handbook, sure it is not quite as compact as those you can buy and it uses a tube but it still works and is a very useful piece of test gear. No doubt our students on the radio course will see my 100 K.C. crystal calibrator - real home-brew, nothing fancy but functional.

If you have not tried to build something to augment your station perhaps now is the time to try. An excellent winter works project. We would like to hear about it in the Rambler. I suggest something simple to start with, something that has a good probability of working without a lot of complex circuitry. You will feel so proud of yourself and open a whole new horizon in this hobby of ours.

JERRY VE3CDS

FLEA MARKET - AUCTION OR BOTH

Last Saturday the OARC held the annual fall flea market sans auction at Canterbury High School. There was a good crowd in the morning with 45 tables manned by enterprising hams willing to sell their wares. The goodies ranged from vacuum tubes to apple clones with everything in between. One of the questions most frequently asked "Do you miss the auction"? Most people felt that the flea market all day was better. Only a few stated that they missed the auction. The thing that was most noticeable was the rapid tail off after lunch. For all practical purposes it was over by 2 P.M.

As we have always held our auction in the spring - now is the time to let your executive know what your views are. Flea market in the A.M. Auction in the P.M. has been our pattern. Let us know your views.

JERRY
VE3CDS

Have you paid your club dues for this year? If you think you did and you see a red dot on your address label on your Rambler - you didn't pay your dues.... See Pat VE3KJQ at the Nov meeting.

EARS ON THE ROCK.....From "The FEE LINE" bulletin of the Niagara Peninsula Amateur Radio Club By Eric Stabler VE3ISD

During WW2 I was, for a few years in intercept work. We began in '39 with any available Rx, but it soon became apparent that the HRO was the only rig available that could cope. Despite the supreme quality (at the time) and reliability, it did not prevent us throwing about 20 new ones over the cliffs at Dunkirk! -- easy come, easy go, as you might say.

Out to Gibraltar to D/F a spy radio giving convoy details in 1940, we drew a blank -- he was in "neutral" waters, so we reverted to intercept. Two HRO's per operator - one in each ear - and the whole spectrum to play with. Apart from Enigma traffic from the German army in North Africa we began to pick up a network in Spain using single letter calls. The central station was letter E. No simplex working ever, of course. So a QSO would begin with, say "L" - sent once! Answered on another frequency by "E", then off "L" would go with his traffic.

The trick was to find both ends of a link, so, if you picked one end up (in one ear), you then twiddled the dial of HRO No. 2 in the hope of picking up the answering station - this could take months of patient work but the thrill of finally finding a link cannot be described.

To add to the problems was the Q code. A Q signal would be sent out and you had to figure out, by what happened, what it meant. So bit by bit we compiled a book of signals all unique to the enemy! We worked eight hours on, eight hours off x 365 days. No unions!!

For mind-blasting hard work, nothing surpassed Italian HQ and Embassy traffic. Sent on a bug key in 5 and 6 figure cipher - and in times of heavy traffic, using the short form for figures, i.e. A-1, U-2, V-3, 4-4, E-5, 6-6, B-7, D-8, N-9, T-0. Eight hours of that at 30 wpm left you a little ragged. I can assure you.

The Germans were much more staid - Enigma traffic being 5-letter cipher and at 20/25 wpm, however, you had to put it all down in block letters, so it was a real relief to pick up army traffic, usually 15-18wpm, occasionally. The first two groups contained, as far as I know, the setting for the (Enigma) machine wheels for decoding, so whatever else you had to get those two right.

Traffic was sent to London via high-speed machine over cable from the peacetime Cable & Wireless office. We were linked by CW land-line for queries to the cable office, and though we never saw the cable ops, we knew their "fist". Well, a new fist appeared one day, and our fellow asked who it was -- answer: "Lord Gort," (Commander of the B.E.F. in France before Dunkirk). Our man said "fine, King George here!". Ten minutes later Lord Gort was knocking at the door!!! He was a ham!

At one point -- 1942/3, I was working the underground operators in occupied Europe. We had one in Paris who refused to change his xtal regardless of the QRM - but on his next QSO he'd be on the previously requested change. That time, however, the second frequency could be noisy whereas xtal No. 1 would be clear - again - refused to change. Time was of the essence - any QSO over 10 minutes began to endanger the agent, so you didn't want to ask for repetitions etc. After much grumbling about the Paris fellow's lack of cooperation re use of his xtals, we were finally given the details.

The agent was a high official of the French post office, and keyed his transmitter from a German teleprinter room - blind! The transmitter being in a disused building some distance away - thus D/F would reveal the transmitter only!

As you can tell, we had enough problems without frequency hopping! So, being born in 1920 instead of 1960 is not all that bad!

There's no doubt that the advent of frequency hopping will give rise to counter-measures enabling the other side to listen in, but for my part perhaps 1939/45 was indeed, "the good ol days," though like always, one is unaware of it at the time.

73s

Eric VE3ISD

Eric's intercepted info funnelled in to Station X, at Bletchley Park, Buckinghamshire, in England, the nerve centre for ULTRA. Ultra was the code name for the most effective system for reading the enemy's mind ever employed in war. By enciphering a multitude of high-level signals on their complicated electro-mechanical Enigma machine, the Germans thought they were invulnerable. But Enigma's codes were broken by Station X at Bletchley. Here was the source of Ultra, the 'special intelligence' organization on which was the best kept secret of WWII. Ultra's monitors, of which Eric's was but one, monitored all Axis radio links: Army, Navy, Air Force, Diplomatic, each service used its own form of Enigma code, each of which was eventually broken by Station X. After interpretation, relevant intelligence was transmitted by Bletchley to Special Liaison Units in the field. SLUs were represented in nearly every theatre of war, even including the Pacific.

The existence of the SLUs was covert and shrouded. "There was this little truck hidden among the trees." a U.S. Air Force officer noticed in North Africa, "with people occasionally going to and fro. I thought it was a direction-finding unit." And it was the men from just such another truck under the apple trees of Normandy, the SLU at Omar Bradley's HQ, who in 1944 were christened "the secret Limeys" by inquisitive but frustrated GIs after the failure to penetrate their identity or purpose.

Eric's unit was one of the ears of Ultra. The SLU its voice.

So in theory the system was simple, after the Ultra signals had been deciphered, translated and evaluated at Bletchley they were then encoded again for transmission by radio to the appropriate headquarters in the field.

To the end the Germans never found out that their Enigma codes were understood. This machine (of which the Germans constructed some 100,000 in the course of the war) was the regular vehicle for the Reich's secret traffic from the 1920s until, in early May 1945, the latest versions ceased their clattering in the headquarters of Hitler's brief successor, Admiral Karl Donitz. No wonder Churchill called the staff at Bletchley "the geese who laid the golden eggs but never cackled." (Partly extracted from 'Ultra goes to War' by Ronald Lewin.)

Don'T forget to bring your club dues up to date.... See Pat, VE3KJQ at the November meeting.....

DAYTON HAMVENTION 1984

TRAVELLER REGISTRATION FORM

NAME _____ CALL _____

ADDRESS _____

CITY _____ PROVINCE _____ POSTAL CODE _____

HOME PHONE _____ BUSINESS PHONE _____

I WOULD LIKE TO SHARE A ROOM WITH _____

I DECLARE THAT I WISH TO BE CONSIDERED A SMOKER / NON-SMOKER

MAKE YOUR \$50.00 DEPOSIT PAYABLE TO RHO-MAR TRAVEL TREND AND MAIL TO RHO-MAR TRAVEL TREND, ELMVALE SHOPPING CENTRE, 1910 ST. LAURENT BLVD., OTTAWA, ONT., K1G 1A4 ATTENTION SUE TEL: 521-7281

OVMRC CONTACT:-MIKE, VE3LAR TEL: 523-1571

NOTE: At the present time, this trip is only open to OVMRC members, however, as of 1 December, 1983, we will extend the invitation to members of the other Ottawa area clubs. So if you are interested, book accordingly to avoid disappointment!

OVMRC 1983-84 Membership Application

() New () Renewal Date _____

Name _____ Call _____

Address _____ Home Phone _____

Postal Code _____ Bus. Phone _____

Spouse _____ Family Club Members _____

Member of: CARF(), ARRL/CARRL (), RSC (), RAQI ().
Other (indicate) _____

Please check applicable class of membership: Annual Dues

() Full Member: Licenced radio amateur interested in mobile operation \$10.00

() Family Member: Licenced dependant of a member \$1.00

() Associate Member: Non-licenced person interested in mobile operation \$10.00

() Associate Family Member: Non-licenced dependant of a member \$1.00

() Pamphlet subscription only \$6.00

TOTAL

THE LAST PAGE

Putting the Rambler together each month, we usually face the same problem. "Adjust the content to fill the right number of pages". Sometimes it works out just right, at other times a half page fill is required. This month we need some fill for the last page. Did you know that there are approximately 1000 radio amateurs in the Ottawa area. The highest concentration of hams in Canada. The 1984 RSO meeting will be held in Ottawa in October. The mobile club will be participating. More details at the November meeting. Now that winter is approaching how about some input on operating the bands - DX reports, net activity etc. What are you going to do to support your club this year? Have you wondered how this thing gets printed? Mike, VE3LAR usually spends a Sunday afternoon running it off, sorting it out, licking stamps, sticking on labels and taking it to the post office. We'll see you all at the November meeting.

73
JERRY VE3JDS

P.S.

Our treasurer dropped me a short note to let us know we are still solvent. Current bank balance \$3445.73.

VE3JW the amateur station at the museum of science and technology.....

OVMRC
P.O. Box 5530, Stn. F
Ottawa, Ontario
K2C 3M1

FIRST CLASS

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

FIRST CLASS

FIRST CLASS