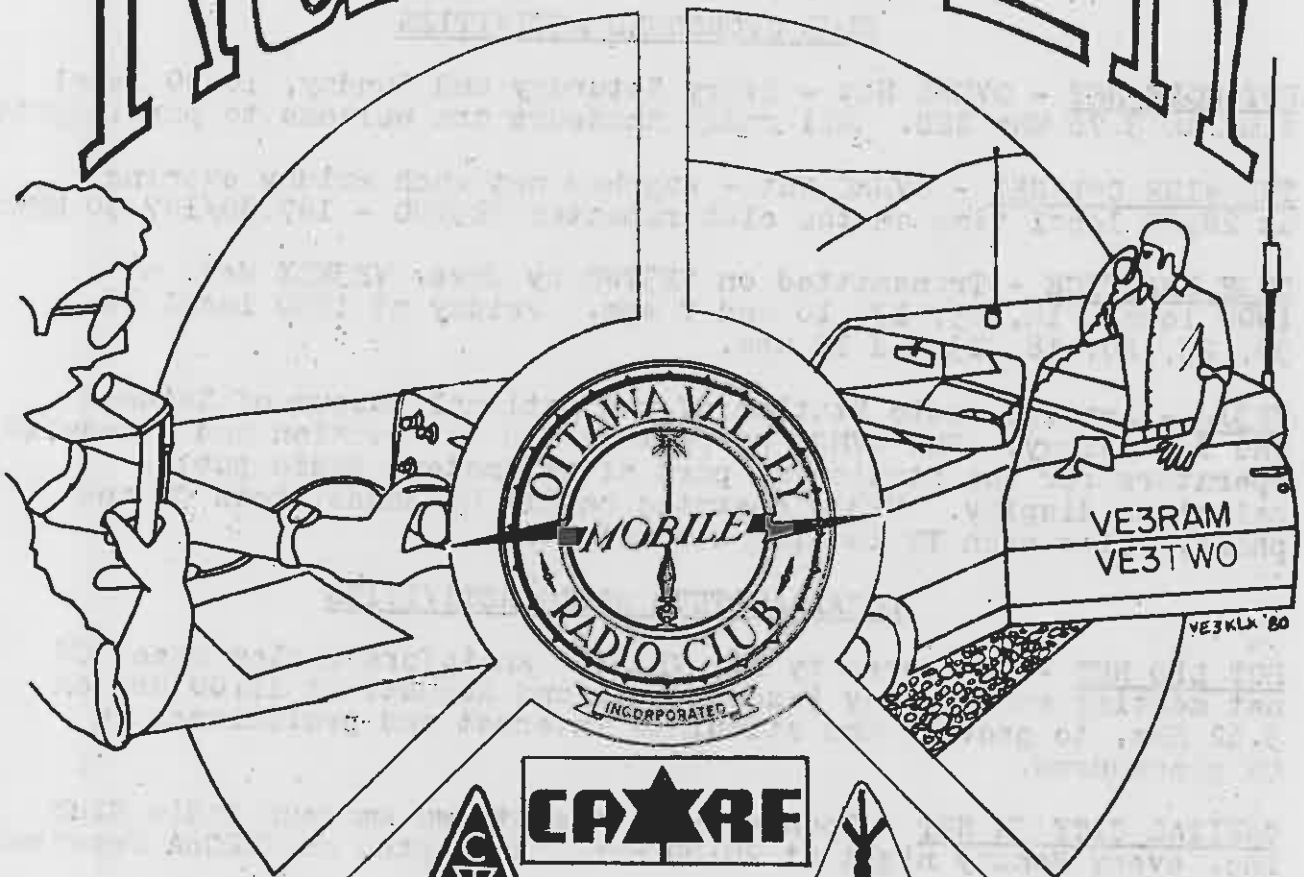


Ramble



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APR 13 1985



THE OTTAWA VALLEY MOBILE RADIO CLUB INCORPORATED

1984-1985 EXECUTIVE

PRESIDENT	Pat Brewer	VE3KJQ	820-9309
VICE PRESIDENT	Vance Johnson	VE3OAO	824-9555
SECRETARY	Bob Campbell	VE3KLK	729-7536
TREASURER	Fred Haire	VE3NJF	737-4638
TECHNICAL ADVISOR	Mike Shacklock	VE3LAR	523-1571
PUBLIC RELATIONS	Alan Boyce	VE3LNH	737-4937
EDITOR	Jerry Wells	VE3CDS	225-7374
PAST PRESIDENT	Dave Coutts	VE3KLX	829-2537

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 - 147.30/147.90 MHz.

CODE PRACTICE - Transmitted on VE3TWO by Dave, VE3KLX 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 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.

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 11:00 Hrs on 3.62 MHz, to provide and stimulate interest and proficiency in CW procedures.

CAPITAL CITY FM NET - Sponsored by the Ottawa Amateur Radio Club Inc. every Monday night at 20:00 Hrs. Conducted on VE2CRA repeater 146.94/146.34.

SWAP NET - Sponsored and conducted by Ed, VE3GX, each Sunday as a part of the Pot Hole Net and each Monday as a part of the Capital City FM Net (except July and August). Ed may be reached 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 meetings are held on the third Thursday of each month (except July and August) at 20:00 Hrs unless otherwise posted. Meetings normally take place in the auditorium of the Museum of Science and Technology on St. Laurent Blvd. (south of the Queensway).

THE VIEWS FROM THE TOP

Welcome to spring. With the weather we had the first week of April, it is hard to believe. Spring docs mean the annual OVMRC Flea Market (there will be no auction). It will be on April 20th at Canterbury High starting at 9am (8am for sellers). Tables will be \$5 each. The usual commercial exhibitors will also be there.

Rambler publishing is still up in the air as of this writing. It is currently being printed here at the Presidential Palace which leads to horrible logistics problems due to my chaotic hours of work.

You will remember from the last meeting that we approved funds to start a code tape library on a suggestion from Al VE3PAW. The tapes have been purchased and I hope to have the 12 and 16wpm tapes ready for the next meeting.

Also at the next meeting I will be conducting a survey of the members on the subject of the communicator licence. The survey consists of 14 questions and should give us a good summary of club feelings on the subject.

In a surprise move the club has a Field Day coordinator for this year. He is our outspoken Amtor expert, Jim VE3JPC. He is working on a new idea for Field Day and hopes to have something concrete to present at the next meeting.

As you heard at the last meeting Mary Johannsen, a student from our course, is now VE2MEJ. That makes seven graduates so far this year, and we're not done yet!

The meeting this month on April 18th is Show and Tell night, so bring in your winter projects or your newest piece of gear. See you there.

Pat VE3KJQ

EXTRA POWER DEPARTMENT Tnx to Windsor Amateur Radio Club
"Groundwaves".

JERRY R. DYKE WB5LEU of the Houston suburb of Spring, Texas, has been fined \$2,000 by the FCC for overpower operation in the amateur 80 meter band. The Notice of Violation was issued for running excessive output power on January 15, 1985, between the hours of 9:01 and 9:30pm CST on a frequency of 3895 KHz.

The station had been under FCC observation for several months. Dyke was monitored by the FCC'S Houston field office. Engineer-in-charge, Jan Cantrell said "the power level was measured in excess of 20,000 watts." The investigation was initiated by complaints from other amateurs.

Dyke was found operating a Collins S-Line which was driving a Drake L4B linear amplifier. The linear, in turn, was driving a 3CX1000T transmitting tube with a capacity of some 48,000 watts. The carrier power of the home brew amplifier was measured at 25KW.

It appears that the high power station was built to retaliate against harrassment by other amateurs utilizing the same 3895 frequency.

tnx W5YI Report March 1, 1985

What are your plans for field day?
It's the fourth weekend in June, June 22-23

OVMRC CLUB MEETING OF MARCH 21, 1985

The meeting was opened at 20:04 hrs by everyone's favorite Vice Presidential Unit, Vanwe, VE30AO.

1. WELCOME VISITORS The V.P. introduced the following visitors: Dave VE3OSY/Dan VE3EBI/Bob VE3BXG.

2. APPROVAL OF FEB MTG MINUTES On a motion by Merv, VE3CV, seconded by Big Bad Tom, VE30FM, the meeting minutes were approved as published in the March Rambler.

3. VICE PREZ REPORT Vance, 3 OAO, reported that we have an all time high membership of 115. Vance reminded the group that as of February, membership is $\frac{1}{2}$ price.

4. CRRL VE3FN reported that U.S. cable TV emission standards might be made even less stringent than they currently are. This could create serious problems that could work their way up to Canada. CRRL has filed opposition. The CRRL survey resulted in over 3000 replies. Summary to appear in April QST.

CARF VE3ZS reported that CARF/CRRL have gotten together to create a new question bank to be presented to the DOC. Anyone wishing to participate in National Parks anniversary, by setting up a station in any National Park, should contact Murray 3JSJ or Art 3ZS.

RSO Merv, VE3CV reported that any Ontario Amateurs can use the prefix C73 to the end of the month to celebrate the Winter Games in St. Catherines. Merv also reported that there would be a repeater council meeting on Sat. Mar. 30 at Kemptville Agriculture College.

5. RAMBLER PUBLISHING EQ'T Vance reported that we have three people offering to take the equipment. A final decision should be made soon.

6. OPERATION HORSEPEOPLE The Past Prez. Dave, VE3KLX made the final pitch to get operators for this event sometime in the future. We now have about 5 people who have expressed an interest, however we will need 5 to 7 more to make a go of it. If no more volunteers by the exec mtg, a letter will be sent to Wendover to decline for this year.

7. FLEA MARKET Vance reported that the event will take place Sat April 20 at Canterbury High School. Joors will open to exhibitors at 8 AM and the General Public will be admitted at 9AM. Non-Comm'l tables will be \$5 each and Comm'l tables will be \$10 each.

8. TRN Dave, VE3KLX, reported that the next Teleconference Radio Net would be Friday Mar 29 starting at 8:45 PM on repeater VE2KPG.

9. AN OBSERVATION TELEPATHICALLY TX'D BY THE PRESIDENT An observation that 4 out of 7 graduates from the OVMRC Course Mk

III were women and that more women should be encouraged to join the Amateur Ranks, was made.

Vance reported that Mary Johannsen, a former student of the course, was now known as VE2MEJ. A warm round of applause was to be heard echoing through the hallowed halls to welcome Mary to the "sane" world of Amateur Radio.

10. CODE TAPE LIBRARY On a motion by Don, VE3ATJ, seconded by Tom, VE3OFM, it was approved to spend up to \$30 to purchase 10 cassettes to start a code library. This library would permit interested parties to borrow a tape at a meeting and return it at the next meeting. This would aid potential Amateur and Advanced candidates with a good source of practice.

11. CODE PRACTICE PROGRAM LISTING LIBRARY Vance reported that since so many people have computers, it would be a good idea to pool resources by collecting listings of code programs or any other Amateur programs and keep them in one location for use by others with similar computers.

12. THE CODE PHONE The code phone is still operational at 825-0786 24 hrs a day.

13. FIELD DAY It was decided that the executive shall examine Field Day in great detail at their next meeting. A working committee should be formed to study the various proposals and develop a definite plan.

14. LOCAL DIRECTORIES STILL AVAILABLE FOR \$1 Vance reported that local directories are still available for \$1.

15. HONORARIA FOR COURSE INSTRUCTORS On a motion by Tom, VE3OFM seconded by his Comedy-Team partner, David, VE3FM, it was approved to issue honoraria of \$100 each to VE3's FSN/LAR/KJQ/KLX.

16. HOMEBREW NIGHT Vance reminded all members in the audience that the next club meeting would be a Homebrew night.

17. SPEAKER INTRODUCED Vance introduced Gerry King, VE3GK who presented slides and a 16 mm film on his various experiments with unconventional antennas and towers.

18. ADJOURNMENT On a motion by David, VE3FM, seconded by someone resembling Russ, VE3FSN, it was approved to throw in the towel for the evening. And since Robert's Rules tell us that we don't need to vote on a motion of this magnitude, we didn't. The official chronometer read 21:52 hrs just after Vance told fellow executroids that their presence at the exec meeting was requested on March 28 at Fred VE3NJF's domicile.

Submitted by Dave, VE3KLX, acting Secretary/Sage/and Cunning Linguist.

FIELD DAY THIS YEAR IS JUNE 22-23
 Maybe at Carp, Maybe somewhere else...
 Will you be there?

TECH TALK

Here are the follow on bits from last month's article. These are somewhat self evident but it is probably a good idea to set them down anyway.

Radiofrequency Radiation
Safety Rules for Amateur Radio

1. Avoid RF burns caused by touching "hot" circuits or wires.
2. Be aware of possible radiation hazards.
3. Avoid unnecessary exposures.
4. Minimize exposures when they are necessary.
5. Do not rely on the sensation of radiofrequency heating to warn of hazardous exposures.
6. Remember that all surfaces, and especially metals are good reflectors of radio waves. This can increase exposure several fold.
7. Use the safe distance table.

MAIN-BEAM SAFE DISTANCE
FOR 1 mw/cm* EXPOSURE

Power (w)	Omni Antenna (3db)	Yagi (15db)
1	0.13 meters	0.25 meters
10	0.40 "	0.79 "
100	1.3 "	2.5 "
1000	4.0 "	7.9 "

NOTE:- cm* = square centimetre

For Safe Distances for other power densities use the figure on this table multiplied by the square root of the power density. That would mean that to find the safe distance for a Yagi antenna and 100 watts with a power density of 10 mw/cm*, you would multiply 2.5 times the root of 10 and get 7.9 metres. To round out the whole thing, the following table will be of benefit.

DEPARTMENT OF NATIONAL DEFENCE
PERMITTED EXPOSURE LEVELS FOR RADIOFREQUENCY RADIATION

Frequency Range	Power Density (mW/cm*)
10 KHz - 1 MHz	265
1 - 3 MHz	66
3 - 10 MHz	10
10 MHz - 300 GHz	1

Once again I would like to give credit for this article, as I did last week, to Douglas Hill of the Defence Research Establishment of Ottawa. So until next month;

TFN Mike VE3LAR

NOTICE OF MEETING:

The next regular meeting of the Ottawa Valley Mobile Radio Club will be held on April 18 at the Museum of Science and Technology at 8:00 PM.

The program for the evening will be "show and tell". Here is your opportunity to show off your winter project to the members of the club.

FLEA MARKET APR 20

The annual spring flea market will be held at Canterbury High School on Saturday April 20. Doors open for set up at 8 AM. Flea market starts at 9 AM.

Refreshments available - Plan to stay for lunch!

EDITOR'S COMMENT:

Elsewhere in this issue of the Rambler is an article from the Scarborough Amateur Radio Club bulletin. This year, in order to get a variety of input, the Scarborough club requires 2 or 3 articles each month from the members. As each name comes up, that member must provide an article for the club bulletin. Certainly makes for a variety of reading in their bulletin.... think about it.

As this is Easter week-end we'll wish everyone a Happy Easter. I always look upon Easter as the advent of spring and the opportunity to get outdoors. With the rather sporadic conditions on the bands there is little reason to stay in the shack looking for rare DX.

We had intended to publish a rather lengthy article by Serge VE3JRG as a follow up to his last article but printing time kind of changed our plans and with the current problem of getting the Rambler printed I wasn't about to rock the boat, so to speak. I think we all forgot that this-Easter weekend- was the time to go to press. We'll catch up next month.

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THE OTTAWA VALLEY MOBILE RADIO CLUB INC.
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CW CHECK IN TO A PHONE NET - WHY AND HOW?

Some phone nets welcome CW and many of us wish it were simpler to check in using this mode. There are several reasons for this.

We may be at the cottage and on low power or even using a CW-only rig. We may have been enthusiastically cheering at a school football game and have no voice left. The microphone may have taken a damaging fall. Or we may not yet have Advanced Amateur status. Let us not worry about a relatively slow code speed; some old timers prefer it that way.

We can manage after a fashion by experimenting with a friend to find the procedure. What we wish to know is how to check in quickly and with a minimum of preliminaries.

Can someone out there describe the proper procedure for changeover to listening on USB and also LSB?

VE3BAJ Fred

TTY FOR THE DEAF

The Ottawa deaf community has an urgent need for RTTY machines to be adapted to their telephones. If you have an old RTTY machine in your basement and would like to donate it, call Gaston Pilon at 728-6593 to arrange for free pickup.

SOME THOUGHTS IN PASSING

In looking over the list of graduates from our amateur radio course this year I noted an unusual trend. Of our seven graduates so far, four are women. Of the twenty people that registered for the course there were five women. Perhaps the women have more tenacity when it comes to sticking with it. The more interesting point is that with all the talk recently about increasing the amateur ranks most comments mentioned finding ways to attract young people. I would suggest that we are ignoring 50% of the population out there that could become interested in our hobby. Indeed it appears that they are becoming more interested anyway. We have had a significant increase in the number of licenced women members of our club. I can think of seven off the top of my head in the past year. If we want new members of our fraternity lets not forget about the better half of the population.

Pat VE3KJQ

There are two major activities coming up. The first being the nomination of a slate of officers for the next year. When a member of the nominating committee calls, be prepared. Think about what you want to do in the club next year. It's no big deal to serve on the executive of the club. After all it is a hobby, isn't it? What do you think about the guy referred to on page 1. Looks like he got carried away and forgot that Ham Radio is a hobby....If you don't like what you hear, you can turn it off. Anyway, think about your spot on the executive. The second event is- what else, FIELD DAY The fourth weekend in June. Plan to participate.....

FROM SCARBORO AMATEUR RADIO NEWS

Away back in 1978, something happened to the Hedges' family that could happen to anyone in Amateur Radio.

On May 20, 1978, we left for a 5 week 8,000 mile trip. We went through Michigan, Illinois, Iowa, Nebraska, Colorado, Arizona, Nevada, California, Oregon, Washington, British Columbia, Alberta, Saskatchewan, Manitoba and back to Ontario June 22, 1978. We used our 2 meter rig throughout and our HF rig in the evenings.

However, this story takes place on June 15, 1978 after passing the Alberta-Saskatchewan border. We got about 10 miles east of the Saskatchewan border when I noticed a car on it's side on the north side of the Trans Canada Highway in a ditch filled with about 3 feet of water. We were going east on the south side and I looked in my rear view mirror after passing the car and saw the headlights on. I had thought it was an abandoned car but the headlights made me know it had just happened. We were in the middle of nowhere-not even a tree in sight.

I made a quick U turn and here was an Austin Mini on it's side and a man standing up through an open door holding a child in his arms. I threw off my socks and shoes and ran through the ditch up to my knees in weeds, etc. and grabbed the child and saw a woman still in the car sitting in water. Mary VE3COH grabbed the 2 meter mike and started called on 146.46-147.06 VE3HAT, the Medicine Hat Repeater. She called "Break,break - this is an emergency, anyone hearing me please answer VE3COH/M5." A VE4DQ/M6 answered and Mary told him we needed immediate help. He said he was approaching Medicine Hat and would call on a frequency for help. Mary gave approximate location and information - 3 people, little girl about 18 months old with her mouth bleeding from her front teeth going through her lip and a 5 month pregnant woman and a man. While Mary was transmitting a VE6AHC was working in a garage with a jack hammer but had his 2 meter rig on with a scanner and his wife was doing the books and the scanner picked up Mary and she called him over to listen.

He asked Mary for all the information and whether an ambulance was needed. Mary replied no but could he contact the RCMP. He asked for confirmation of our calls which Mary repeated phonetically, along with names and addresses. The VE4DQ/M6 came back on and again asked if any injuries were evident and said he was a Medical Doctor and could be offer any advice. VE3AHC came back on and said he'd notified the police and they were on the way.

We tried flagging down 2 trucks but no luck but 2 cars stopped. The RCMP arrived and we had the 5 month pregnant woman and child in our van. The other people were helping get out the personal belongings, camera, purse, etc out of the car. The RCMP were very prompt-about 10 minutes-seemed like hours to us! He loaded the 3 of them and their belongings into his car and was heading to the nearest hospital. Mary notified both Amateurs that help had arrived and called them again after the Police had left and thanked them for their help and said we were leaving the scene. It was then we started to tremble as when we thought of it, we could have found anything inside a car like that. Another $\frac{1}{2}$ mile and we would have been out of the repeater range. The reason we have such details is that Mary kept a very detailed diary of our trip so we had all the facts on hand. Once more Amateur Radio to the rescue!

73 Tom VE3GZ V

SCHEDULE FOR VE3JW

*hours are flexible; the museum is open from
10AM to 6PM

Morning 10AM-2PM		Afternoon 2PM-6PM
Apr 13 Sat	Merv VE3CV & Bill VE3YK	Jim VE3JPC & Herb VE3HMF
14 Sun	John VE3FXF & Dan VE3EBI	Open
20 Sat	Open	Open
21 Sun	Gord VE3OSM & Rick VE3NJM	Open
27 Sat	George VE3NJN & Andy VE3KI7	Leo VE3NVL & Camille VE3DNO
28 Sun	Bruce VE3MJV & Bob VE3MSK	Susan VE3OSP & Joan VE3OSE
May 4 Sat	Jerry VE3CDS & Alan VE3LNH	Hugo VE3KTN & Rick VE3HVA
5 Sun	Tom VE3OFM & Dave VE3OSY	Fred VE3BAJ & Jim VE3GJY
11 Sat	Open	Pat VE3KJQ & Vance VE3OAO
12 Sun	Open	Open
18 Sat	Open	Open

Anyone else interested in operating VE3JW at the National
Museum of Science & Technology at any time, is welcome to call
Alan, VE3LNH at 737-4937.

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CANADA



FIRST CLASS

FIRST CLASS

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