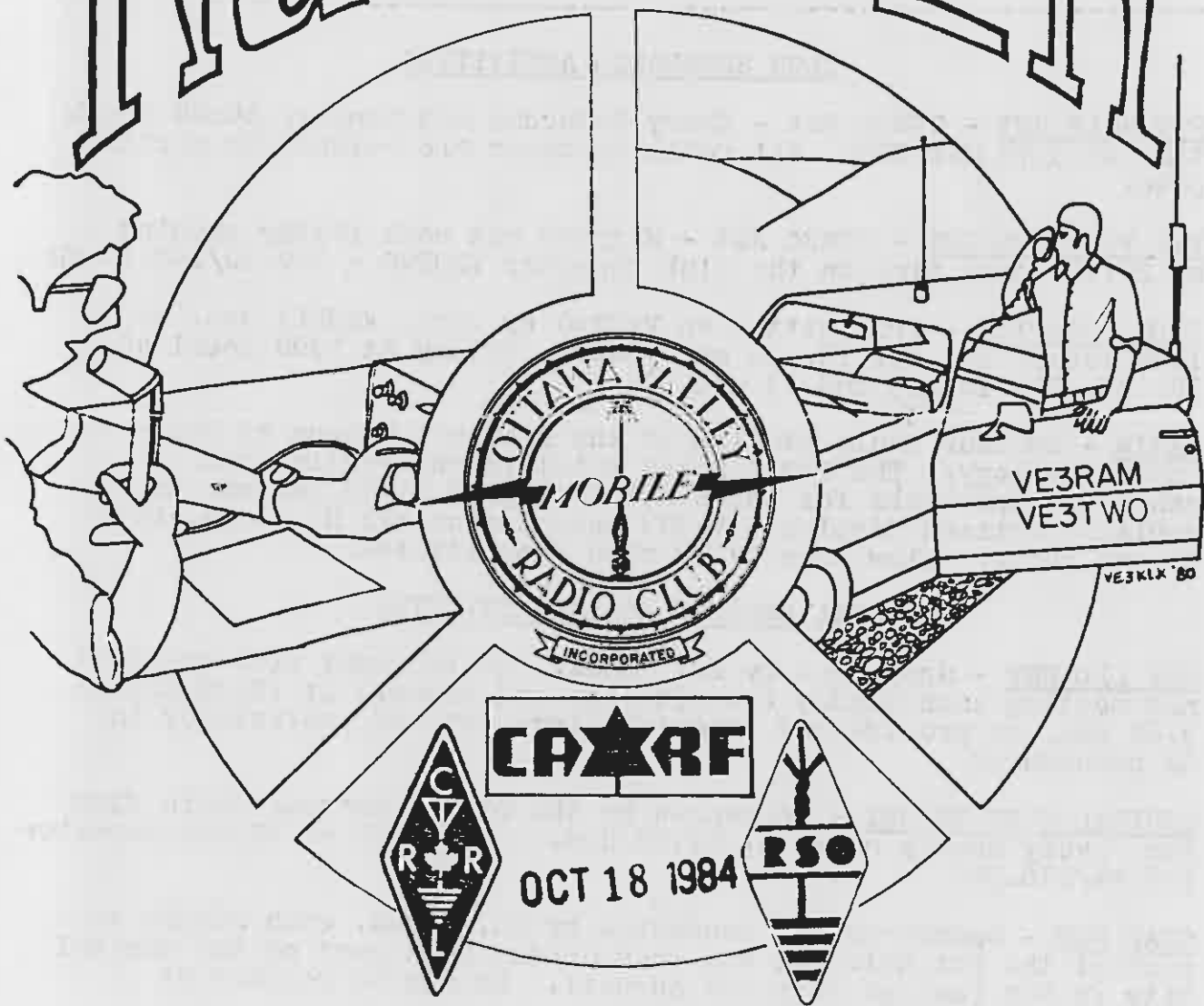


# RÄMBLER



THE OTTAWA VALLEY MOBILE RADIO CLUB INCORPORATED

1984-1985 EXECUTIVE

PRESIDENT	Pat Brewer	VE3KJQ	725-1528
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

As I write this it is "the day after" the RSO Convention. It was not however a disaster. Although I was not able to attend any of the Saturday sessions due to my work with the convention, I understand that they were well received. There appears to be a good pool of possible club speakers in the Ottawa area. On Sunday I did go to the tutorial on computers in amateur radio put on by Doug VE3KKB, and I feel that he would make a good speaker for later in the new year on either computers or DX.

The Mobile Club had three official contributions to the convention. Under the capable control of Bob VE3KLLK and his team, we provided the talk in on Friday and Saturday, and a talk out on Sunday. The club ran a Morse code proficiency contest under the direction of Dave VE3KLLK and myself, assisted by Vance VE3OAO. Top winner was George VE3DMC at 35 wpm perfect copy. George had very good copy even at the top speed of 50wpm and was able to write at that speed which is something in itself. Several of the entrants were able to head copy at the higher speeds, but just couldn't get the pen to keep up. The final official contribution of the Mobile Club was the hospitality suite run by Fred VE3NJF on Saturday. As I am not sure how many people helped out there, I will leave it to Fred to mention their names. I know that we managed to dispose of two cases of beer and several bowls of munchies. We also picked up a few new members and a new instructor for the amateur course.

In our unofficial capacity at the convention club members were very active. It was a team of Mobile club members under the direction of Alan VE3LNH, that ended up stuffing about 600 goody bags on Thursday night. These were the bags you got when you registered. Jerry VE3CDS and Joyce were responsible for fixing up the club display stand that was used for the message and prize board. Gerry VE3OFT found himself roped into videotaping the Saturday sessions. For myself, I worked on registration on Friday until being promoted to doorman for the Friday Night Eyeball. On Saturday I juggled registration, hospitality suite, and CW contest duties and still managed to stay awake during the banquet. First prize for club member contributions to the convention must go to Mike VE3LAR for his yeoman work on registration with second prize to George VE3NJJ for looking after the convention purse strings.

I have taken up a lot of space to mention all these people, but you must remember that without volunteers nothing happens. Don't forget to come out to the next meeting on Thursday, October 18 for our "astronomy night".

Pat VE3KJQ

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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 PROVISIO THAT CREDIT BE GIVEN TO AUTHOR AND SOURCE.

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

FINANCIAL STATEMENT

Brought forward from previous report .....2,070.11

## REVENUE

Interest .....	15.07	
Adjustment sale of B-B-Q supplies .....	1.65	
Memberships .....	212.00	
Memberships included in course fees .....	162.00	
Other course fees .....	1,205.00	
Subscription RAMBLER .....	6.00	
Contribution from RSO .....	50.00	
TOTAL CASH .....	<u>1,651.72</u>	3,721.83

## EXPENSES

Service charge .....	1.25	
CARF course material .....	418.37	
Bus freight (course material) .....	13.70	
Postage RAMBLER .....	96.00	
Directories .....	17.50	
Hospitality suite .....	74.70	
RSO certificates (code test) .....	30.00	
RSO frames (code test) .....	16.65	
Total expenses .....	<u>668.17</u>	
CASH ON HAND .....		3,053.66

Fred VE3NJF

The executive thanks the following members for being present at the OVMRC Hospitality Suite to welcome members and visitors to the RSO Convention on Saturday 6 Oct. 84: Joan VE3OSE, Sue VE3OSP, Carl VE3OMA, Sydney VE3GVI and Rick VE3NJM. Well done YL - OM.

A proposal will be made at the next general meeting to obtain the following equipment for the club rig:  
RS-7A ASTRON Power supply \$95.00 plus \$5.00 shipping charge  
LARSON 5/8 Mag mount ant \$57.00 includes shipping charge.

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MINUTES SEPTEMBER MEETING

The meeting was called to order at 20:00 hours by our esteemed president Pat VE3KJQ.

The minutes of the previous meeting as reported in the Rambler were accepted on a motion by Bob VE3NJI and Mike VE3LAR.

Pat VE3KJQ then reported on the amateur participation in the Papal Mass (acre) of September 20th. Approximately seventy hams handled a considerable amount of traffic from about 7:30 to 1600 hours. Pat said that the exercise went well except for the "usual" problems with food, toilets (vati-cans), poor sound, poor visibility poor crowd control, and the disintegration of organization. Several of the participants who were at the meeting agreed that the problems

(particularly regarding food & toilets) should be mentioned to the EMO to aid in planning similar events in the future. With an estimated one hundred and fifty thousand people present, this was probably one of the largest exercises undertaken by area hams, and it was good practice for those involved.

Vice President Vance VE3OAO then reported that the OVMRC has 72 members registered to date.

The treasurer had nothing to report.

Mike VE3LAR, as technical advisor, asked for input and inquiries on technical subjects. He reported that he still has some Province of Ontario QSL cards for those who would like them, and anyone who has not received their Ottawa area directory should see him soon. Finally, Mike reminded us of the RSO convention on Thanksgiving weekend.

Alan VE3LNH asked for (and received !!) more volunteers to operate VE3JW. A schedule is to be published in the October Rambler.

Pat VE3KJQ asked for 6 more volunteers to help discharge the club's responsibility at the RSO convention. Bob, VE3NJI, Rick, VE3NJM, Susan VE3OSP, Joan VE3OSE, and Vance OAO offered to help.

Pat reported that a phone line is being installed at the home of Russ VE3FSN for use by members of the club and by students of the course for code practice and ham news. This may be expanded in the future to provide a computer bulleting board and an auto-patch. On a motion by Alan VE3LNH and seconded by Vance VE3OAO the club voted to help pay for the phone line; it is expected to cost the club about \$50 per year.

From a show of hands it was estimated that about 40 people would attend the October 18th Astronomy Night featuring Mary Grey & Rob Dick, and a film on "The Rise and Fall of the Great Lakes".

For the CRRL, Ray VE3FN reported on the August board meeting in Toronto. (Complete minutes appear in QST). The 1984 CRRL repeater directory is to be available free at the RSO Convention. Finally, he mentioned that five regional directors are up for re-election this year.

On a motion by Ray VE3FN, seconded by Jim VE3GJY it was decided to purchase fifteen extra Ottawa callbooks for new members.

Merv VE3CV told us about the Pot Hole net on Saturday & Sunday mornings at 10 AM on 3760 MHz. Anyone interested in operating the control station should call Merv.

The featured speaker was Dave Brown, Director of CMOS Digital Design at Mitel. Dave gave a very interesting talk on the design of Digital Integrated Circuits for Telecommunications. He had several slides, drawings, and samples to illustrate the design and fabrication of IC chips.

The meeting was adjourned on a motion by Ray VE3FN, seconded by George VE3NJJN.

Reported by Replacement Secretary Replacement,  
Alan VE3LNH

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#### NOTICE OF MEETING

The next regular meeting of the Ottawa Valley Mobile Radio Club will be held on Oct 18 at 8.00 pm at the Museum of Science and Technology. See you all there. ....

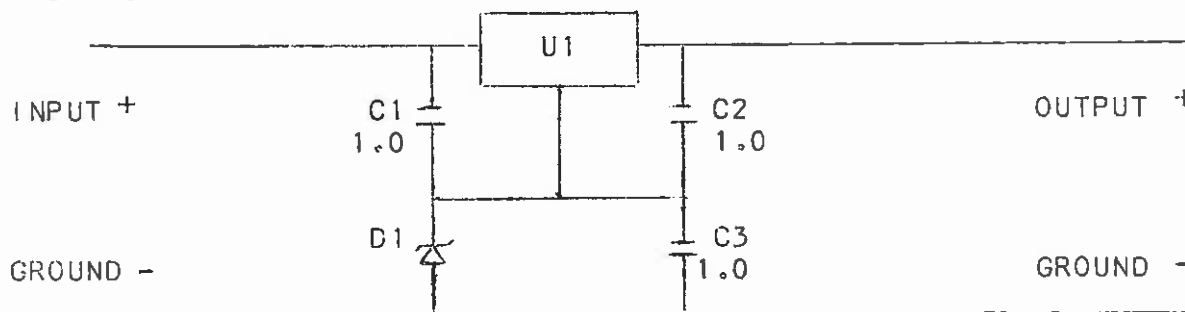
TECH TALK

Now that the R50 Convention '84 is over, perhaps my life can return to some sort of regularity and sanity! I would hazard a guess that all who went had a good time. Personally, it was fun and it will be a good rest to wait for the next time it is Ottawa's turn to host the event again. Except for a few people who seemed to expect us to be professionals at the the art of hosting conventions, most comments were favourable. These people with the "better idoas" will be most welcome on the committee next time!

Getting a little technical, I will address the matter of the expression found in the handie talkie manuals that goes like "DO NOT USE MORE THAN 12 VOLTS WHEN CONNECTING TO EXTERNAL POWER SUPPLIES". A small circuit which will solve the problem was suggested to me by Russ, VE3FSN, sometime ago. You will need:-

- 1 - 7805 Voltage Regulator
- 1 - Heatsink and Kit for the above
- 3 - 1.0 uF Tantalum Capacitors
- 1 - 6 Volt Zener Diode

With reference to the following diagram, wire the whole thing together on a piece of perf board and there you go!



There are no real secrets to putting this all together however you should watch for a couple of things. 1, the polarities on the tantalums and 2, make sure the tantalums are physically close to the 7805 regulator. I'm sure you won't have any problem assembling this however if I get enough requests to make it worth while I will see about generating a few circuit boards. Those of you with the FT 208/708 series of radios, should be aware of the polarity of the socket on the bottom of the rig. It is set up so that the centre pin is negative and the barrel is positive. This being the case, I would recommend two additional things, a switch and a 2 amp fuse on the input side to the regulator assembly. A final caution, I am afraid I cannot be held responsible for errors in interpretation of this article nor for any errors in wiring. I hope this however will not deter you from firing up the old soldering iron and wish you good luck!

TTFN  
Mikc  
VE3LAR

VE3JW

The museum station came through the summer successfully, although reports suggest that the TEN-TEC is misbehaving again. Now that RSO is out of the way we can concentrate on getting these problems repaired.

The Museum of Science & Technology now has new hours; it's open every day except Monday from 10AM to 6PM. With these new times and with the increased number of volunteers, I have scheduled operators on weekends with a morning slot from 10AM to 1PM, and an afternoon slot from 1PM to 4PM. Several days have been left open for people who are not yet on the list and who would like to operate, and of course the station is free for use during the week.

If you cannot operate when scheduled, please try to find a substitute. This will mean fewer last minute phone calls for me and it will also serve to introduce new operators to the station. If you do not wish to be scheduled at all, or if you do wish to be scheduled and are not, please call me at 737-4937.

Operators are reminded that they should not install or change any of the equipment at the station. Problems should be recorded in the equipment log and suggestions for change can be brought up at the next organizational meeting, or to me in person. The next meeting will be scheduled sometime in November.

Thanks for your support.

Alan VE3LNH

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TIDY FILES

I like to save wanted magazine articles, schematics, and other bits of paper in school-type 3-ring binders. Sometimes, however, the text or drawings come too close to the margin to allow space for punching the holes.

If you have some self-adhesive clear plastic film (Book-lon, Mactac, etc.) left over from a book-covering job, cut 2 strips about 4 x 30 cm, lay the diagram face up on one strip so that 2 cm of the sticky surface is clear. Then lay the other strip sticky side down over the first so that they coincide. Trim, and punch the three required holes. This process I found better than using the little round reinforcement, or scotch tape.

Serge, VE3JRG

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FROM CRRL NEWS

Earlier this year, CRRL asked DOC to allow a few days' grace, one way or the other as required, for amateurs wishing to write an Advanced Amateur exam "one year" after writing an Amateur exam, and for those writing Amateur or Digital exams who wanted to use credits obtained on exams written "one year" earlier. DOC exams were being scheduled in the same months from year to year, but were not exactly one year or 365 days apart. This had caused problems at some DOC offices. DOC has now clarified the matter and complied with the CRRL request. "One year" will now be interpreted as "four examinations later". What if your local radio inspector hasn't heard of the ruling and you still run into problems? Ask him or her to check with Spectrum Management, Operations Branch, DOC, Ottawa.

Planning ahead? In 1985, JOC will hold Amateur Radio examinations across Canada on February 13, April 17, June 19 and October 16. Submit applications to JOC by January 16, March 20, May 22 and September 18, or about one month before the date of each writing.

Nominations are now being received for the post of Ontario Section Manager. Nomination forms are available from CRRL Headquarters.

Congratulations to Brian Lingard, VE3CDB of Toronto, who appears to be the first blind amateur to earn a Digital Amateur certificate. Brian is a computer science graduate of York University. He has been licensed since 1972. He uses a computer linked to a Braille output terminal, all of which will soon be an integral part of his station.

Attention repeater owners and operators: Register your repeater with ARRL Headquarters before November 01 so it can be listed in the 1985-86 edition of the ARRL Repeater Directory. Use form CD-240, available from ARRL or CRRL Headquarters.

The 1984-85 ARRL Net Directory has been printed and will soon be available. To reserve your free copy, send a nine by twelve inch self-addressed envelope, with 85 cents postage to CRRL, Box 7009, Station E, London, Ontario, N5Y 4J9.

The ARRL DX Advisory Committee has rejected the addition of 4U1VIC, the Vienna International Centre, to the DXCC countries list. The ARRL Awards Committee, in consultation with the DX Advisory Committee, has approved an endorsable DXCC award for 160 metres. Contacts made since 1945 November 15 may be credited. As with the recently implemented endorsable DXCC RTTY award, there will be no Honour Roll. AR

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#### RSO TALK-IN

I wish to offer a commendation to the operators of the RSO talk-in team, who by their efforts made the activity a complete success.

The operation went smoothly and the only mobile that went astray so far as we are aware managed to do so by placing interpretation on the directions being given. We can only assume that the mobile operator or perhaps his navigator were riding backwards in the vehicle and confused a "right lane" with a "left lane". It seems there is one at every convention.

All in all about 60 mobiles made use of the service. Some mobiles monitored the frequency and simply followed the instructions to others on how to get to the hotel and did not call in.

Therefore, a very sincere thanks is due to Rick VE3HVA, Tom VE30FM, Jim VE3JPC, Arline VE3KMR and Carmen VE3GIP.

Bob VE3KLK  
Talk-in Coordinator

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RED DOT FEVER - It is not fatal but it is indicative of an underlying problem. If you have a RED DOT on your RAMBLER's label, simply complete the application form, and with it send a cheque for \$10.00 to maintain your OVRRC membership.

\* \* \* DO IT NOW \* \* \*



AN INTRODUCTION TO THE NETS by Merrick Jarrett VE3BC7  
Part 2 from KWARC "kilowatter"

There are any number of what one could call "mini-nets" all over the bands. I suppose when you get a couple or more hams meeting regularly to chew the fat, it doesn't take long for a net to form. Some of the better known ones (and my apologies for any of the ones I've missed) are the Minnie Net at 0845 on 3.733 for YL's, XYL's, or anyone else who wants to join in. Then there's the Oatmeal Net at 0630 on 3.780, but you'll rarely find me there... my pillow and I are close companions at that time. During the winter you'll find the Snowbird Net on 14.152 at 0930 (formerly on 21.265). This is where you'll find the lucky sunbirds who have flown south to Florida for the winter, keeping in touch with home base. Then there's always the Kirby Breakfast Club, found anywhere from 0530 on 3.575. I suspect that Jack Kirby, VE3AFN, is going to apply to DOC for permission to own this frequency, he's on it so much. And then there's the one and only "Sanderson Hour", founded by Harry "Sandy Sanderson, VE3AHW, one of the founders of the CJ Net. This is a very free-wheeling, and, let us say, "opiniated" net at times, with vociferous opinions being expressed, insults hurled back and forth, and so on. You'll find this rowdy gang on 3.783 from 2030 through 2300 if their voices and opinions hold out. Fred Hammond, VE3HC, nicknamed this net "The Sanderson Hour" some years ago.

Some of the other nets you might want to report into are the Laurentian Net and the Northwest Net. The Laurentian Net meets at 1845 on 3.755 during the winter, then switches to 7.070 the end of April. It looks after things in Northern Ontario, with a lot of VE2's reporting in. The Temagami Area Amateur Radio Group, VE3EJX, runs this net. The Northwest Net meets on 3.750 at 2000 and covers very generally from Sudbury west. Another interesting net is ARES Canada (Amateur Radio Emergency Service) organized by CRRL on 14.130 at 1600 Sundays. Here you'll catch the various provincial amateur radio emergency reps. And don't forget the Trans-Canada Net which meets at 1400 Saturdays and Sundays on 14.140. Here you'll find stations from coast to coast. When the net isn't operating, this frequency is used as a Canada-wide calling frequency.

Although all our nets and communications generally are available for back-up emergency services, there are a couple of nets that are organized specifically for emergency preparedness. I've mentioned ARES previously. The other is COMSONT (Communications Ontario) which meets daily on 7.074 at 1000. (In case of emergency COMSONT moves to 7.055, courtesy of the Transprovincial Net). It is a directed net, and stations check in alphabetically by QTH as called by the control station, starting with Addison and ending with Woodstock. It is one of the few nets with formal membership, although any station is welcome to check in. Traffic is passed off-net. COMSONT is incorporated in the planning of Emergency planning Canada - The Federal Agency, the Solicitor General of Ontario - The Provincial Agency as well as The Provincial EMO's through the Net Manager, Bob Campbell, VE3KLLK, in Ottawa. Bob will send you material and a questionnaire re equipment, availability, etc., a copy of which goes to your local EMO and the original to Bob. Our Vern Mason, VE3KPD, is an alternate controller on COMSONT, as is the writer.

Now for the traffic nets, the ones that are part of the National Traffic System set up by ARRL. This is a highly organized and complex system that feeds traffic from local to regional to area nets across the continent, and back down again. You can win your spurs by originating, receiving and relaying traffic on these nets, all of which are directed nets where the control station is law, and instructions are followed with a minimum of chit-chat. Sometimes on c/w one "dit" is all that is needed to acknowledge instructions from NCS. On the c/w nets you'll hear special QN signals which are used on the traffic nets only....some of the more common ones are QND (net is directed), QNF (net is free), QNI (report into net), QNX (you're excused from the net), and many others. The one we don't like is QNP...unable to copy! I suggest that you listen to the various phone and c/w nets first for a bit and catch on to the procedures before you check in, and to see if your code speed is up to net standards. Some of the nets, particularly at regional and area levels, can zip along pretty fast, and your speed should preferably be around 25 w.p.m. You'll also hear controllers send or say "5 up" or "10 down" as they shift stations off the net frequency to clear traffic; it just means that the directed stations move to a clear spot on or as near to 5 kc/s up or 10 kc/s down. Abbreviations, clarity and speed are the elements of good traffic handling on the c/w and phone nets.

On 'phone, the most active traffic net is the Ontario Phone Net, which meets daily at 1900 on 3.770. It is a National Traffic System net, and sooner or later you'll hear just about all the Ontario hams who handle traffic regularly. It can get pretty hectic. This is a directed net, with traffic being handled on-frequency. In an emergency the net moves to 7.055, courtesy of the Trans-Provincial. The Net Manager is George Neeson, VE3BDM, in Brockville.

Some of us who are dual-mode ops (phone and c/w), will take out-of-province traffic from OPN and go on to the next higher level, the Eastern Canada Net, one of the dozen continental regional nets. ECN meets at 1945 on 3.752 to clear outbound traffic to EAN/APN/OSN/QSN. (see below). At 2130 ECN meets again to clear incoming traffic and distribution to the same nets listed above. During the summer months ECN shifts to 7.040 for the 1945 session. Some of us also report into the Ontario Southern Net, a c/w net which meets daily on 7.045 at 1600 (VE3FGU, Net Manager), 1900 on 3.667 (VE3CYR, Net Manager) and 2200 on 3.667 (VE3HTL, Net Manager), to pick up traffic for ECN and/or OPN. Our Grand Old Man of the traffic nets, VE3KK, Mars hall Killen in Waterloo, is a regular on OSN, both as controller and traffic handler.

ECN is one of the 12 regional nets that cover the continent as part of the National Traffic System. All our out-of-province traffic goes to ECN. Traffic for the Maritimes is coded APN (Atlantic Phone Net), QSN (Quebec Section Net), or EAN (Eastern Area Net); EAN takes all traffic for everything west of Ontario and all U.S. points. ECN is for experienced ops only, so be warned.

You may also hear stations in the immediate area of OSN calling EAN, PAN, or CAN. These are the three area nets, (Eastern, Central and Pacific areas). They are the three highest level nets in the National Traffic System; traffic is handled by special Transcontinental Corps ops (TCC) between the area ndts on out-of-net skeds and frequencies. It is not advisable to check into them; reps from the various regional nets report, i.e. a rep from ECN goes to EAN. If

you want to hear fast, clean efficient net operation on c/w, listen to EAN on 3.670 or CAN on 3.670 at different times. It's an education.

Another interesting net is the International Assistance and Traffic Net (IATN) on 14.303 at 0630 daily. This net moves traffic going to and originating from overseas. Devere Worrell, VE3AJN, who is a regular on the Ontario Phone Net, is a NCS on IATN. Devere is a busy gal...she's also the Net Manager for the Kingsmere Net, which covers the lower Ottawa valley, as well as being married to Henry, VE3GNW, who is well known to all of us on the nets.

So there you have it. Net operating can be a lot of fun...a way to visit with people...get to know hams from all over the province...and traffic work will hone your operating skills and give you a real feeling of accomplishment as you pass messages for continental and overseas destinations.

For further information, read the relevant sections in ARRL's "Operating an Amateur Radio Station", or if you want to get more deeply into the National Traffic System, read ARRL's "Public Service Communications Manual". There is also available, or will be in the near future, a special "Section Traffic Training Manual" explaining net operations and procedures. This is presently being revised. And don't forget the ARRL "Net Directory", which lists all the North American nets.

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#### QUA VE3OAO

The Ottawa Valley Mobile Radio Club Incorporated takes great pleasure in welcoming the following new members (in Membership Card Number order):

31 Shawn Hohanson	53 Matt Bowcock	62 Eric F. Still
32 Keith Johnson	54 Allan Wrenshall	63 Bruce Davison
39 Joan Yanofsky VE3OSE	55 Kathleen Rodd	64 Cecil Dick
40 Susan Connelly VE3OSP	56 Fred Taetz	65 Delene Hardy
47 Gordon Cloutier VE3OSM	57 Judy Taetz	66 George Dew
48 Bob Swinimer VE3BXG	58 A. Charles King	67 Mary Johannsen
51 Stephen Fitak	59 Sue MacLatchie	68 Donald Girard
52 George Webster	61 Henk Welting	69 Reg Hardy

The above names without a call sign from number 51 through 69 are the 1984/85 OVMRC Amateur Radio School Students (minut No.60, JSM). (To our veteran members: If you would like to meet these new members, come to the EMO HQ at 495 Richmond Road, nearly any Tuesday night from about 7:30 to 9:00 PM, to see these fine people in action and be able to catch them for a chat at one of their two breaks. The usual pitch is to get the students to come to our club meetings or another activity or social event such as a flea market or our banquet. But knowing the constraints on their time to study the theory, code and regulations, these other events may seem to be just another burden no matter how enjoyable they may be. So come to the school place and help them feel welcome to our regulated society).

We have 24 new members added to the 53 members who have renewed plus our Life Member, Doc Haycock, making a total of 78 members paid up for the 1984 through 1985 club year. That leaves 30 individuals with a call sign that have not renewed and 15 of last year's students who have not renewed for a total of 45 to go yet. Get your applications in to our address as shown in the return address location of this RAMBLER.

Vance Johnson, Vice Pres.

MORNING  
10AM-1PM

AFTERNOON  
1PM-4PM

Oct 13 Sat Merve VE3CV & Bill VE3YK  
 14 Sun Open

20 Sat Open  
 21 Sun Open

27 Sat Open  
 28 Sun Dan VE3EBI

Nov 3 Sat Pat VE3KJQ & Mike VE3LAR  
 4 Sun John VE3FXF & Dave VE3OSY

10 Sat Bob VE3MPG & Russ VE3LOW  
 11 Sun Open

17 Sat Open  
 18 Sun Open

24 Sat Open  
 25 Sun Dan VE3EBI

Dec 1 Sat Rick VE3NJM & Gord VE3OSM  
 2 Sun Open

3 Sat Merve VE3CV & Bill VE3YK  
 4 Sun Susan VE3OSP & Joan VE3OSE

Don VE3ATJ & Bucky VE3JRR  
 Susan VE3OSP & Joan VE3OSE

George VE3JNJ & Leo VE3NVL  
 Rick VE3HVA & Bob VE3JDB

Jerry VE3CDS & Vance VE3OAO  
 Tom VE3OFM & Dave VE3GOG

George VE3BNO & Fran VE3HKG  
 Susan VE3OSP & Joan VE3OSE

Lloyd VE3AYE & Fred VE3NJF  
 Dick VE3EYJ & Majorie  
 VE3CAM

Alan VE3LNH  
 Open

Fred VE3BAJ & Jim VE3GJY  
 Susan VE3OSP & Joan VE3OSE

Jerry VE3CDS & Vance VE3OAO  
 Dave VE3GOA & Tom VE3OFM

Bob VE3JNJ & Leo VE3NVL  
 George VE3HVA & Bob VE3JDB

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

FIRST CLASS

FIRST CLASS

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