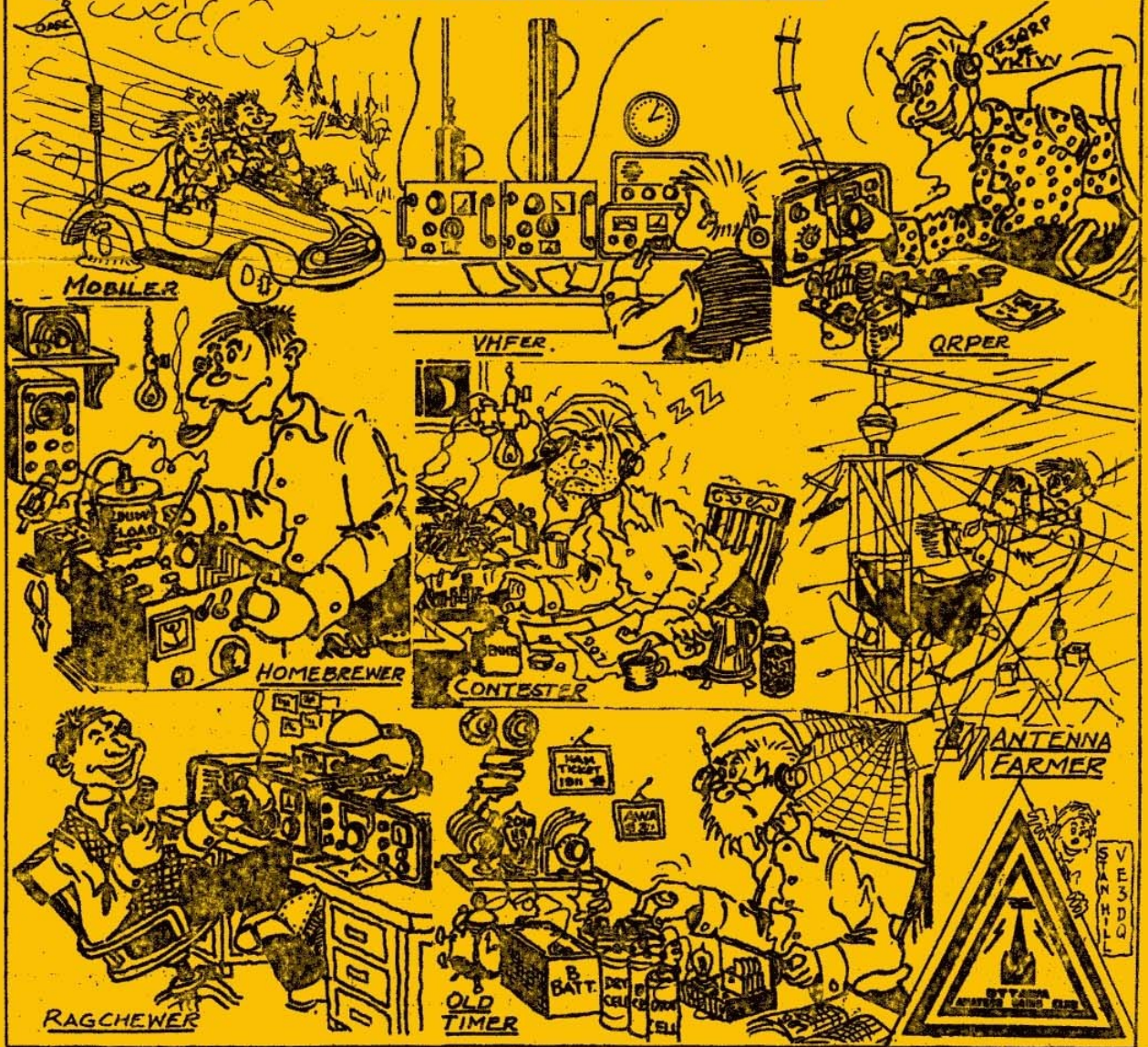




THE GROUNDWAVE

THE OFFICIAL BULLETIN OF THE OTTAWA AMATEUR RADIO CLUB
P. O. BOX 8873, OTTAWA, ONT. K1G3J2



1975 RSO CONVENTION - SKYLINE HOTEL, OTTAWA - OCT. 3 & 4, 1975

: THE GROUNDWAVE-BULLETIN OF THE OTTAWA AMATEUR RADIO CLUB, OTTAWA, ONTARIO. MARCH 1975 :
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: VE3AMK KLN 6S4 :
: -----

THE NEXT REGULAR MEETING of the Ottawa Amateur Radio Club will be held at the National Research Council, 100 Sussex Drive, Ottawa, on Wednesday March 5, 1975 at 2000 hours. The main item on the program will be a talk on 'Aids to the Blind' by Jim Swail, VE3KF. There will also be a presentation to members of the TOPSTAR Group by a representative of VESRCS, Alert, NWT, in recognition of their exceptional service in providing communications for persons stationed at this and other isolated posts. This is also 'Budget Night' so come on out and see where all your dues money goes.

THE OARC EXECUTIVE meets regularly on the first Tuesday after the regular club meeting, in the Board Room at CFRA, 150 Isabella St., Ottawa.

THE RSO CONVENTION COMMITTEE meets regularly on the second Tuesday after the regular club meeting, in the cafeteria at CFRA, 150 Isabella St., Ottawa.

IT IS NOT TRUE that Chris, VE6AXY, changed her call to VE3 during the last meeting as intimated in the minutes. It was really Chris, VE6AXY, who made the draw, and not Chris, VE3AXY, as reported. My apologies....Ed.

BEST WISHES TO LE CLUB RADIO OUTAOUAIS in Hull. Organized in Nov. 1974, with around 20 members, the President is Michel, VE2WP, who was active in the Quebec City radio club before coming to live in Gatineau. This is a French-speaking club and any Amateur who speaks French, or wishes to learn, is welcome. They have obtained a club callsign, VE2CRO, and are planning big things in the future. Meetings are held on the second Wednesday of every month, and Michel would be more than willing to supply further information as to time and place. Call him at 568-2969. Good Luck Michel.....

FROM THE ONTARIO TRILLIUMS TOT/TOPICS, February, 1975 - Re Groundwave; Enjoy the humour of Front Page. Without this type of outlook, 'twould be a dull world. Also remarks of editors Gord and Dave about errors in editing. Sounds down to earth and sensible....March 74 issue page 7--"What have things come to" by Stan, VE3DQ. Vy good, gave us a few chuckles as it hit right at home base... (Many thanks to Jean, VE3DGG, and The Ontario Trilliums for their kind words - take a bow Gord, Dave, and Stan - keep up the good work with the QSL Bureau, girls - Ed.)

A NUMBER OF NEW AMATEURS are presently graduating, or will soon graduate from the several classes being conducted this winter. We welcome them to the exciting and rewarding hobby of Amateur Radio, and we hope that they will become deeply involved in their own particular interest. Involvement, of course, means work, but it also means fulfillment, and through group effort, many things are possible which would not be so through individual effort. Through membership in the OARC, for example, one has a personal stake in the repeater, VE2CRA, which is financed from OARC membership fees, with assistance from the Ottawa Valley Mobile Radio Club Inc. A membership will give you a feeling of 'belonging' each time you use the repeater, a feeling all too often lacking in this day and age.

OPERATORS ARE NEEDED for memorial station, VE3JW, at the Museum of Science and Technology on an occasional basis. If you can spare a Saturday or Sunday afternoon every few months, get in touch with Ed, VE3GX at 733-1721.

APOLOGIES TO PAT, VP9CB (VE3BTJ), for not being recognized as a visitor at the February meeting. Hope you had a good visit back in Ottawa, Pat.

YOUR SIGNAL IS WEAK - Press the mike button a little harder.....

OARC MINUTES OF MEETING ON FEB. 5, 1975

The President opened the meeting at 2006 hours, and welcomed the following visitors - Martin, VE3EFL; Fred, VE3FYW, (from Orillia); Dana; Frank Elliot; Jack, VE2CV; Don, VE3RID; and Keith, ex-9Y4MH.

Art, VE3ZS, noted a correction to the minutes of the previous meeting. The call of Chris, VE6AXY, was incorrectly listed as VE3AXY. Moved by Shep, VE3DV, and seconded by Ken, VE3LJ, that the minutes be adopted as amended. Carried.

George, VE3BNO, reported on the RSO committee. The first meeting was held on Jan. 28, and heads of various committees were lined up.

Registration - - - - -Gord Grant VE3DY
 Publicity- - - - -Ian MacIntyre VE3CZ
 Prizes and Gifts - - - - -Ken Robinson VE3GIR
 Exhibitors and Hospitality Rooms - -Larry O'Brien VE3GRJ
 Forum and Technical Presentations- -Bud Punchard VE3UD
 Banquet and Cabaret- - - - -Croft Taylor VE3OR
 Souvenir Program - - - - -John Watson VE3CPY
 Talk-in Stations - Ottawa Valley Mobile Radio Club Inc.
 Ladies' Program- - Edi MacKay, VE3HRH, and Penny Robinson, VE3ERO

George, VE3BNO, reported for the repeater committee. The strange behaviour of the repeater tail is a temporary phenomenon, and will be fixed shortly. The 450 MHz repeater is down. The receiver has been fixed and will be placed back in service soon.

Cy, VE3CVK, reported on the state of the treasury. As of the end of January, the bank balance is \$1748.95.

Vic, VE3DEP, reported that the club has 150 regular members and 29 associate members for a total of 181.

Bud, VE3UD, reported that even this early, plans are being laid for field-day.

Larry, VE3CRX, reported on the preparations for the Canadian Ski Marathon.

Ron, VE3AUM, asked the membership to assist in the operation of VE3JW, the station at the National Museum of Science and Technology. Operators are needed for Saturdays and Sundays from 1330 to 1600 hours. Contact Ed Morgan, VE3GX, at 733-1721 if you wish to help.

Shep, VE3DV, the SCM for Ontario reported on some happenings at the ARRL board meeting in January that might be of interest to Canadian amateurs.

George, VE3DMC, commented that the record of Ottawa amateurs in keeping SASE's on file with the QSL bureau is rather poor, and that the bureau has a large backlog of QSL's for this area.

Andre, VE3CLW, thanked those Ottawa amateurs who handled phone patches for him while he was at Cape Perry.

Earl, VE3ECJ, and Bill, VE3NR, will proceed to form a committee to study new classes of Amateur licence.

There being no more business, the President introduced the evening's speaker, Gerry King, VE3GK, who gave an interesting and humorous talk on his experiences with large (!) beam antennas for 20 metres.

On a motion by Hank, VE3BR, seconded by Ernie, VE3EKP, the meeting adjourned at 2219 hours for coffee and chat.

Larry Bradley, VE3CRX, Acting Secretary

RENEW YOUR ARRL MEMBERSHIP through the OARC and save the cost of postage, a money order, and the time it takes to prepare them. The OARC also benefits by being able to retain \$1.00 per subscription. Renewals are now \$10.00 per year and may be made at any time. -----See VE3BR at any of the meetings-----

Lets get those SASE's off to your respective QSL Bureaus right away:-
 VE2's to - A.G.Daemen, 2960 Douglas Ave., Montreal 301, Quebec, and
 VE3's to - R.H.Buckley, 20 Almont Rd., Downsview, Ontario, M3H 3E3, or else let them know that you are not interested in your cards.

WHAT DO YOU CALL '#'? It seems so simple doesn't it? Apparently there has been a problem everywhere on what exactly to call the '#', the symbol on the lower right button on the 12 button "Touchtone" pad. Well, the people at Western Electric's Indianapolis Works, who have been producing the TT pads for years say the name for # is "number sign". This was brought to light recently when a rumour began spreading indicating the correct name for # was "Octothorp" - this certainly is not true says AT&T, the parent organization.

Of course the subject could end there, and we could all start calling #, "number sign". But WA4JZX did a little more research on the matter. A check with about 25 universities and several different departments within, including the reference libraries within many like: USC, UCLA, University of Colorado, NC State, UNC, College of William and Mary, Princeton, Old Dominion, etc.,...has revealed that the symbol actually has no official name, but has many uses including:

- In Music "sharp" In Proofreading "leave a space"
- In Medicine "fracture Preceding a number. . . "number"
- After a number. "pounds"

The closest actual name that has some geometrical logic occurred in one old dictionary at the College of William and Mary in Williamsburg, Virginia - that name is "crosshatch". Looks like this just results in one more item for which the Amateur must develop a "standard" name. Any more suggestions? (Carolinas-Virginia Repeater Ass'n)

OSCAR VII received a favourable write-up in the Canadian Electronics Engineering issue of Jan. 1975 where the Canadian content of the satellite was stressed. The 435 MHz beacon was built in Ottawa by a team headed by Larry Kayser, VE3QB; Randy Smith, VE2BYG, at Alouette, Quebec, is AMSAT's command station manager, and the auto-command used is one developed by VE3QB for use with the earlier OSCAR VI. One important function of OSCAR VII is its planned use in schools to acquaint students, and others, with space science. With inexpensive ground terminals, students will be able to receive satellite signals first-hand in their classrooms.

Plans are already being made for larger Canadian participation in the design and construction of OSCAR VIII. This depends, as does the complete satellite program, on co-operation and support from other Amateur organizations, industry, and individuals.

Current orbit data for OSCAR VI and VII is as follows:-

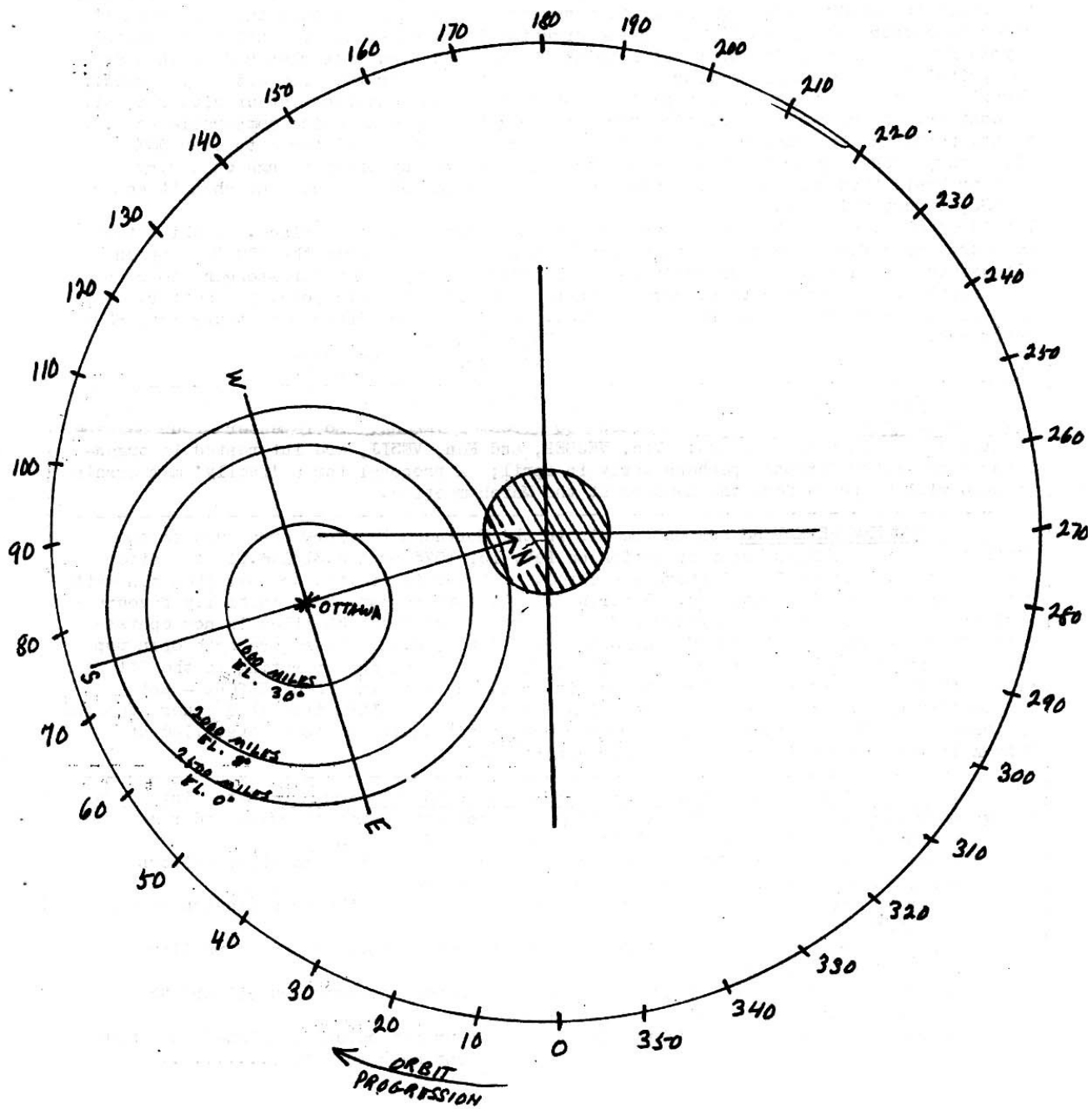
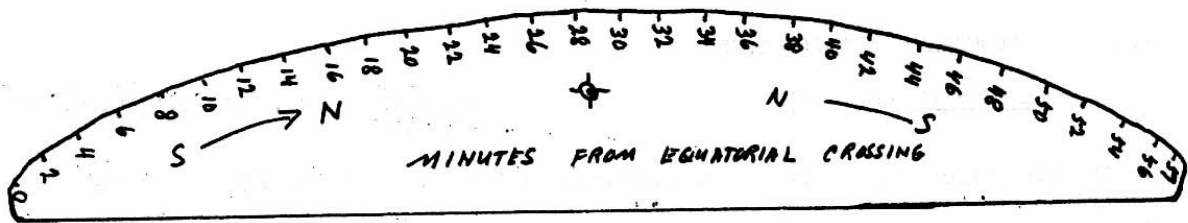
OSCAR VI: Mar. 1, 1975; Orbit #10849; Equator crossing(S-N) 69 deg.; Time 0126

OSCAR VII: Mar 1, 1975; Orbit #1321; Equator crossing(S-N) 66 deg.; Time 0108

Times given are in GMT. This information may be updated as explained in the February 1975 issue of Groundwave.

THE LITTLE JIM DANDY SATELLITE FINDER (See opposite page) (Reprinted from the Loyalist City ARC Bulletin, St. John, NB, and edited to apply to the Ottawa area-Ed)
By doing active research and some navigational plotting, Malcolm, VE1IZ, was able to present the club members with this device. The large circle represents the equator and the small circle is centered on Ottawa. Mount the page on cardboard and cut out the small oblong part. Mount a snap fastener to both halves, and SNAP! By knowing the time OSCAR VII crosses the equator, and the bearing in degrees as it crosses, you can swing the narrow part to that bearing and tell how long it will be until you can hear it, within the 5000 mile diameter, and how long you can hear it. For instance, if the satellite crosses the equator at 75 deg. at 0104 GMT, it will be in hearing range at 0108 GMT, will pass about 900 miles west of Ottawa, and it will be heard for about 21 minutes. TRY IT! (Note: This should work for OSCAR VI as well - the difference in orbit parameters is less than the errors involved. Ed.)

INCENTIVE LICENCING - As reported in the February minutes, Earl, VE3ECJ, and Bill, VE3NR, are heading up a committee to look into and study schemes for incentive, or other new types of licencing in Canada. Anyone with views on this subject should contact either of the above Amateurs for further information on how to input to this committee. Express your views now, not after the report has been finalized.



LETTER TO THE EDITOR

68 Springfield Rd., Apt. 3, Ottawa, Ont.
Feb. 16/75 KIM 1C7

The RSO Convention will be held here in Ottawa this year. I personally am looking forward to the event.

RSO has been very unsuccessful, for the most part, in increasing its overall membership in the past few years. There are probably a number of good reasons why this is so. In any case most amateurs still do not belong to RSO. Many of these amateurs are very easy and quick to support U.S. magazines and associations but quickly turn the head when it comes to supporting an equally deserving organization back home. I'm not about to tell anyone how to spend their money but I think it is a sad situation when RSO is last on the priority list of many amateurs. Should RSO not come first?? You bet they should!! Magazines like 73 or QST are not really comparable to the Ontario Amateur either in size or content. If we hams in Ontario ever hope to get a magazine going comparable to U.S. counterparts in size and/or content, then membership must be bolstered to over 50%. Five lousy bucks a year isn't going to hurt anyone. We buy other things on a very regular basis that cost over five bucks a shot and never blink once, but when it comes to RSO, we cry all week.

I paid my \$5.00 a year to see things like the RSO Convention take place. I think those amateurs who refuse to cough up their money should be banned from the RSO Convention altogether. Either pay up or don't come. I didn't pay my money for spongers to reap the benefits. The sooner these guys learn that RSO is not a big joke, the better. The time has come for action not lip service. Let's get the Ontario amateurs into RSO. Thank you. - 73

Yours truly,
G.F. Woroshelo VE3EYW/3

FROM THE EXECUTIVE MEETING - Ron, VE3AUM, reported that he had received many phone calls concerning restricting access to repeater VE2CRA; No repeater group meeting is planned until April at least; Vic, VE3DEP, and Ken, VE3LJ, are interested in organizing a two-meter foxhunting, perhaps early in April; A proposal for a 'family' membership in OARC will be put before the members at the March meeting.

TWO NEW REPEATERS are on the air in the Northern New York area just to the south of Ottawa. WR2AGO began operating on Feb. 13, 1975 on 146.31/146.91 at a site near Canton N.Y. about 750 ft above sea level. Power is limited to less than ten watts until diplexers can be installed. Reports from the Ottawa have been initially favourable. Another repeater serving Ogdensburg N.Y. and a radius of about 30 miles is now operational from the QTH of Hal, K2AZC, full-time on 146.22/146.82. These are both open ~~way~~ repeaters and call-ins are welcome any time. However, stations operating in the Ottawa area with wide deviation or slightly high in frequency tend to affect VE2CRA - not necessarily by turning it on but by causing noticeable desensitization when other stations are using it. It is expected that new (narrower-band) equipment to be installed at VE2CRA in the spring will alleviate this condition.

WHAT HAS THE CANADIAN AMATEUR RADIO FEDERATION DONE FOR ME? Lets list a few things -
- Publication of a Canadian operating handbook with Canadian rules and regs
- Established and operates a National incoming QSL bureau
- Established a News Service free to provincial bulletins and other editors
- Day to day personal liason with DOC HQ in Ottawa
- Several polls and canvasses on Canadian problems and the presentation of the results to the DOC
- Several requests to the DOC i.e. to delete mobile logging and to publish a Canadian call-book
- Suggested establishment of the Canadian Repeater Advisory Council and the compilation of a Canadian Repeater Directory
- Established the only national Canadian amateur periodical published in Canada

Continued on page 5.....

WHAT HAS CARF DONE FOR ME? (Cont from page 4)

- Immediate action by CARF officials in Ottawa on government matters affecting Canadian Amateurs
- Maintains a liason with the FCC Amateur and Citizens Band officials
- Proposed reduced licence fees for pensioners

This is what a national organization is doing for me - now what can you do for it? The answer is full support of the provincial societies which make up the Federation and/or an associate membership for \$5.00 which also brings you ten issues of The Canadian Amateur. (Doug, VE3CDC, VP CARF -~~m~~ edited by Ed.)

(At press time we have word that CARF is sponsoring an Open Forum in Toronto on March 1 1975 to discuss the decision to restructure CARF to implement direct membership. Co-operation with ARRL remains open but the national welfare of Canadian Amateurs is the top priority. More on this next month. - Ed.)

HERE IS A LIST of the people who have volunteered to head up committees for the upcoming RSO Convention. This is quite a job and a special thanks goes out to all those who have taken on the task.

| | | |
|-------------------------------------|---|-------------------|
| CONVENTION CHAIRMAN | George Roach (VE3BNO) | 234-0885/233-6241 |
| | 104 Strathcona Ave., Ottawa, K1S 1X6 | |
| REGISTRATION | Gord Grant (VE3DY) | 733-4892 |
| | 2050 Balharrie Ave., Ottawa, K1G 1G3 | |
| PUBLICITY | Ian MacIntyre (VE3CZ) | 731-7617 |
| | 1847 Walkley Road, Ottawa, K1H 6X9 | |
| PRIZES & GIFTS (NON/EXHIBITORS) | Ken Robinson (VE3GIR) | 692-4596 |
| EXHIBITORS & HOSPITALITY ROOMS | *Sylvamede*, RR#3, Manotick, Larry O'Brien (VE3GRJ) | 225-7209 |
| LADIES PROGRAM | Box 11072, Station H, Ottawa, K2H 7T8 | |
| | Edith MacKay (VE3HRH) | 728-4842 |
| | 1170 Fisher Ave., Apt 909, Ottawa, Penny Robinson (VE3ERO) | 225-1276 |
| FORUMS & TECHNICAL PRESENTATIONS | 1228 Agincourt Rd., Ottawa, K2C 2J2 | |
| BANQUET & CABARET | Bud Punched (VE3UD) | 733-3990/232-9449 |
| | 3193 Riverside Dr., Ottawa, K1V 8N8 | |
| SOUVENIR PROGRAM | Croft Taylor (VE3OR) | 825-3434/239-4341 |
| | 60 Pine Glen Cresc., Ottawa, K2G 0G8 | |
| TALK-IN | John Watson (VE3CPY) | 722-3941/746-4611 |
| | 841 Kingsmere Avd., Ottawa, K2A 3J8 | |
| | Ottawa Valley Mobile Radio Club Inc. | |
| FLEA MARKET | Any volunteers????? | |

This convention is being planned as a Family Weekend in the Nations Capital. The location is within walking distance of the Parliament Buildings, The National Arts Center, the National Art Gallery, and various other National and Historic landmarks. The time is in the middle fall when autumn colour makes the drive from other areas especially pleasant, or warrants a special excursion to the Gatineau Hills to view the colour first-hand.

Our immediate job is to talk it up on all the nets, and on all bands and modes of operation, and to sell the idea to our fellow Amateurs. This we can all work at from the comfort of our own hamshack, and it will mean so much to the Convention success next fall.

C O U N T D O W N T O C O N V E N T I O N

As of today (Feb 24), 220 full days remain until Convention time.....

(Howcome no one checked me up on my count last month??? Ed.)

A DIPLOMAT is a person who can tell you where to go-----and then make you look forward to the trip.....

FEBRUARY FOXHUNT - One of the proposals for OARC activities submitted with the 1975 membership applications, that of a "Foxhunt", materialized in the Ottawa area sooner than expected. On Friday morning, Jan. 31, 1975, at approx. 8:45 AM, a steady signal appeared on VE2CRA, transmitting mobile background noise such as alternator whine, road noise, turn signals, the occasional horn beep, and CBO Morning. The signal remained steady, holding the repeater on, except for 'time-out' sequences, until about 9:00 AM when, with a rattle of keys, it abruptly disappeared. This was to be the first of many such episodes throughout the ensuing week. Regular as clockwork each workday morning and evening, and occasionally through the noonhour and later evenings, we would be treated (subjected?) to another mysterious and intriguing episode in the life of the "Phantom" as he (or she) came to be known. The alternator whine gave a relative idea of his speed, traffic conditions, and stops. Turn signal clicks were also quite evident. It was deduced that between his home and work, he took about 15 to 20 minutes, made three turns, crossed a set of railway tracks or other rough section, and travelled at a more or less constant rate of speed, indicating a suburban or rural area.

We must compliment this Phantom on his good health and his exceptionally calm composure. Not once was he heard to cough, sneeze, or even clear his throat. Not once was he heard to cast disparaging remarks at other drivers - not even a little 'darn'. How many of us would this apply to?

Various attempts were made to alert the Phantom to the situation. Initial DF readings by Doug, VE3CDC, Art, VE3ZS, and others, put his location in west-end Ottawa, possibly in the Kanata-Shirley's Bay area. Various hams living in that area were phoned and discretely asked if they had their rigs under control. Others with known alternator whine, and the families of still others who were known to be out of the country, were approached in a like manner, but all to no avail. DF readings continued to indicate the extreme west end of Ottawa but the absence of stations in the immediate vicinity made exact pinpointing difficult. An announcement was made at the OARC meeting on Feb. 5 but still the phantom transmissions continued.

Friday morning, Feb. 7, found several mobiles in the west end area and the search was narrowed still further. Also, Bob, VE3CDG, got patched through to the CBO Morning program with an announcement concerning the interference but the Phantom had switched off just moments before. More extensive plans were then made for a search that evening, and 4:30 PM found a bevy of mobiles lying in wait with DF equipment, sniffer loops, Signal Strength Meters, and what-have-you. As 5:00 PM approached, we all waited with baited breath, and then...and then...and then...it was 5:30 and still no Phantom! And now it's two weeks later...and still no Phantom. But we're not still out around Kanata waiting for him, we gave up by 6'o'clock and headed for home.

Why didn't he show up that Friday evening? Did he hear Bob's announcement after all, or did someone mention it to him? Did the owner of the set return Friday evening after a weeks business trip to find that his wife had strapped the mike button down with an elastic band to silence a misadjusted squelch control? Did 'stuck' relay contacts finally let go? If the latter, then this ham must have thought that VHF conditions were really out that week! We will probably never know what really happened. However, one thing is certain. We, as Amateurs in the Ottawa area need better DF equipment. It's one thing to plan for an exercise, and be prepared for it. But there weren't too many of us ready to go at a moments notice. We should be. It could be the means of locating someone lost in the bush, or in some other real emergency, to say nothing of situations similar to the one above. And besides all that - IT'S FUN.

INTRUDER WATCH - The ARRL Intruder Watch is celebrating its tenth anniversary with a drive for more volunteers to help in the aggressive preparations for the World Administrative Radio Conference to be held in 1979. Reporting cases of harmful interference from stations of other services operating in the Amateur bands and developing related statistics will be useful ammunition during the upcoming WARC. If you can spend an hour or so a week helping to defend the amateur radio service, write for detailed instructions to:- ARRL Intruder Watch, 225 Main St., Newington, CT 06111.

(Florida Skip, October 1974)

QUICK NOW - Where did the word 'transistor' come from? (Answer on page 8)

WE WISH A SPEEDY RECOVERY TO OUR PRESIDENT who suffered a displaced knee-cap and severed muscles at Thurso, Que. on Saturday morning where he was assisting with the operation of the Net Control station for the Canadian Ski Marathon Communications Network. Ron was taken to Buckingham Hospital for X-rays and then on to the Riverside in Ottawa where he was operated on later Saturday. Ron will be confined to hospital for a week or ten days and will be sporting a cast for another several weeks. I guess that should mean the Purple Heart, Ron, injury in the line of duty, wasn't it? Maybe there'll be time now for your 'President's Inaugural Message' for the Groundwave that I have been bugging you to prepare. H1 (Ed.)

THE OTTAWA PHONEPATCHERS SERVING THE ARCTIC REGION (TOPSTAR) is a small group of regulars who provide phone-patching facilities for the men in the Arctic to their families in Ottawa and elsewhere. The great bulk of the phone-patching is with Alert, NWT, some 437 miles from the North Pole, and normally, traffic flows at about 250 patches a month. The requirements for satisfactory patching are:- good equipment, a three-element yagi or better, and, preferably, 1KW P.E.P. on SSB in the 20-meter band. Since the antenna must face North, the South American interference is a problem. A 5 by 9 South American signal will appear on an antenna with a 30 dB back to front ratio as an S4 signal which is enough to interfere with a good patch, particularly when the Northern station may be only an S5 or S6.

The TOPSTAR group presently provides a daily service at 2200 hours GMT on or about 14165 kHz. Local Amateurs have been very good in avoiding this frequency, but there is occasional tuning and CQ's from other stations in the midst of a phone-patch. A short ceremony is planned for the OARC meeting on March 5, 1975, to honour this group for their fine and dedicated service. A representative from VEBRCS, the Amateur radio station at Alert, will be present to make the presentation and express the appreciation of all those to whom this service means so much.

(The above was taken, in part, directly from the September 1968 issue of the Groundwave-which gives some indication of the dedication and durability of TOPSTAR - Ed.)

THE OBJECTIVES OF THE AMATEUR RADIO SERVICE IN CANADA The AES is a radio service... "in which land and mobile stations are operated for self-training, inter-communications and technical investigations carried on by amateurs who are duly authorized persons in radio technique, solely with a personal aim and without pecuniary ~~interest~~ interest"...the Radio Act, General Radio Regulations Part II.

Living as we do in the shadow of a giant neighbour whose written and spoken culture overwhelms us, we lose sight of the differences in our legal, political and legislative spheres. In Canada, public service is not a justification for the AES. That is not to say that it is not a desirable feature of amateur radio when it can be done legally, but let's not get confused by the material in U.S.A. amateur publications which emphasizes the need for public service by their AES. Their AES is justified on different grounds than ours... Public service is one of its official objectives and the availability of skilled communicators in a national emergency is another. This U.S.A. official viewpoint is reflected in the FCC 'incentive'licencing system and in the very definite FCC statements in its written decision on the 75 meter frequency sub-band allotments made November last year in which the intent to motivate the lower class of licensees to improve their grade is very evident.

The FCC made it plain that the 'carrot-and-stick' approach was the official US policy by not making more from the low-grade licensees but rather expanding the frequency allotment for those who get higher grade licenses, at the former's expense (and ours, too)
 (CARF/ARRL page of The Manitoba Amateur Dec74)

MONDAY FEBRUARY 24 WAS MAURICE HAYCOCK DAY in Ottawa in recognition of his service to the community and to celebrate the 10th anniversary of the Ottawa Civic Symphony, of which Mr. Haycock was the founding chairman. Mr. Haycock is better known to readers of the Groundwave as Doc, VE3LC, a member of the above-mentioned TOPSTAR group and active Amateur for many years. An accomplished geologist and painter, his slides of the Arctic and his stories of his Arctic travels are a never-to-be-forgotten treat. This civic honour has certainly been placed upon deserving shoulders.

THE 1975 CANADIAN SKI MARATHON - More than 30 members from Amateur Radio Clubs in Ottawa and Montreal provided communications for the annual Canadian Ski Marathon over the week-end of February 22 and 23, 1975. A network of Amateur stations linking, at one time or another, the Net Control at Thurso, Quebec; twelve check-points spaced between Lachute and Hull, Quebec; CSM Headquarters; time-checking teams at Hawkesbury and Hull; safety teams; and the cities of Ottawa and Montreal, operated from about 5:00PM Friday to about 8:00 PM on Sunday. A massive banquet at the Hull Armories on Sunday evening wound up the week-end.

Three types of traffic were handled: safety traffic, data (racer's times), and general administration messages. The data was handled on simplex channels and the other traffic on repeaters VE2RM (mainly on Saturday) and VE2CRA (mainly on Sunday).

There were hitches, of course, but the old ham ingenuity came into play and the results were highly to both the Marathon officials, and to ourselves. George, VE3BNO, tells of having trouble with his 'RM' rock and of driving up and down remote village streets looking for some-one's block heater cord to plug in his counter for a couple of minutes to set the trimmers. Finally locating one, he attracted the attention of the lady-of-the-house to get permission to use it, but it turned out they were both unilingual, but of the opposite polarity. However, sign language, smiles, and Quebec hospitality prevailed, and George got to use the cord.

We may talk beforehand of written messages, signatures, etc., but when things begin to happen, then 'first things come first' and the emphasis is on getting the information required and on keeping pace with the events. This passion to keep things moving seems to have been shared by the Marathon officials as well, and this may well have been the common bond which resulted in the good rapport between the two groups. The Marathon officials most definitely practiced what they preached when they decreed that 'All skiers must be cheerful and have a good time'. For this I thank them sincerely. In most cases, the reaction from the Amateurs was "I enjoyed myself and would do it again".

Many anecdotes are going the rounds concerning Marathon happenings - like the passer-by watching 1973 Marathoners descend a long slope approaching the Rouge River who asked a skier how so many people had gotten to the top of the slope as no T-bar was in evidence. The athlete began by explaining that the cross-country group had started in Lachute, some 40 miles east. He never finished, for his listener broke in to comment, "Wow! That must be one heluva tow!"

All in all, the operation went exceptionally well, and this was due in no small part to the organizational efforts of Larry, VE3CRX, and the Net Control operation manned by Larry, VE3CRX, and Vic, VE3DEP. They carried on without the assistance of Ron, VE3AUM who suffered an unfortunate mishap just before the main operations got underway.

Operators and helpers actively involved in the net were:-

| | | | |
|---------------------------|-------------------|---------------------------------------|----------------|
| Mike Johl, VE2APT | Checkpoint 1 | VE3EKS & XYL, VE3... | Hawkesbury |
| Adrian Michaud, VE2DEA | Checkpoint 2 | VE3BYX & XYL | |
| Mike Watts, VE2ARP, & XYL | " | VE3ECJ/VE3GWY | Hull |
| VE3LJ/VE3DOE | Checkpoint 3 | David Goodwin | |
| VE3CIJ/VE3ARJ & XYL | Checkpoint 4 | VE3GFI | Papineauville |
| VE3AMK/VE3GPR & XYL | Checkpoint 5 | VE3GSA | Safety Car |
| VE3BNO/VE3HKG | Checkpoint 6 & 6A | VE3GYZ | Safety Car |
| VE3EQH/VE3FKC & son Tony | Ckpoint 7 | VE3CRX/VE3DEP/VE3AUM | Thurso Control |
| VE3UD/VE3CYM | Checkpoint 8 | (and probably numerous others whose | |
| VE3EPK/VE3HAT | Checkpoint 9 | identity has been lost in the shuffle | |
| VE3ZS/VE3GIR | Checkpoint 10 | and my incomplete reporting - Ed.) | |
| VE3BGG/VE3DYD | Checkpoint 11 | | |

A special thanks also goes to the VE2RM Repeater Group for the use of their excellent repeater, to those who lent equipment, and to those who so kindly vacated the frequencies required for the weekend. A tip of the Amateur Top Hat to you all!

THE ANNUAL SPRING AUCTION of the Ottawa Valley Mobile Radio Club Inc. has been set for Saturday April 26, 1975 at EMO Headquarters, on Richmond Rd., Ottawa. Registration begins at 9:30 AM and the auction runs from 1300 to 1700 hours. See you there!!!

ANSWER: It came from transfer resistor.

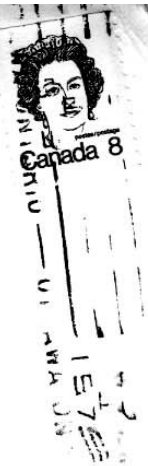
ADDITIONS TO MEMBERSHIP LIST

| | | | |
|--------|--|--------|---|
| VE3SH | B. BEST 1 CROWNHILL ST. OTTAWA ONT. K1J 7K1 745-3151 | VE3AZM | B. McMAHON 28 HOGAN #6 OTTAWA ONT. K2E 5E9 224-8549 236-9191 |
| VE3GCC | T. CLUE 19 FLORETTE ST. OTTAWA ONT. K1J 7L3 746-4890 | VE3GVI | S. MOORCROFT 196C WOODRIDGE CRES. Ottawa ONT. K2B-7S93 820-0093 |
| VE3ECN | S. DABROWSKI 845 ALPINE AVE. OTTAWA ONT. K2B 5R5 829-5189 | VE3ERH | L. ROCHETTE 164 BRUYERE ST. OTTAWA ONT. K1N 5E1 232-8079 |
| VE3BKW | W.L. HANEY 774 EASTBOURNE AVE. Ottawa ONT. K1K OH7 749-8976 | VE3EHO | J. SATNIK BOX 218 RICHMOND ONT. KOA 2Z0 838-2306 596-4874 |
| VE3BNH | E. HARP 1387 WESMAR DR. OTTAWA ONT. K1H 7T4 733-4891 776-1511 | VE3BID | D. SLATER 3 KIRKSTALL AVE. OTTAWA ONT. K2G 3M2 825-1686 725-3511 |
| VE3CDG | R.J. KNAPP 32 ST.REMY DR. R.R.3 OTTAWA ONT. K2C3H2 825-3660 725-3511 Ext. 257 | ASSOC. | W. BELKIN 562 DENBURY AVE. OTTAWA ONT. K2A 2N9 729- 5352 |
| VE3EFL | M. LAX 103 STRATHGONA AVE. OTTAWA ONT. K1S LX5 233-9742 | | |

CHANGES TO DIRECTORY- (Correct Underlined)

| | | | |
|---------------|---|--------|---|
| <u>VE3DYD</u> | YUN FOO LUM 18 PARKLAND CRES. Ottawa ONT. K2H 7W4 828-2694 <u>238-2030</u> | VE3EEU | G. PELLETIER 1720 BASELINE RD. #404A OTTAWA ONT. <u>K2C OB8</u> 224-2151 <u>992-6518</u> |
| VE3GSA | D. PARKS <u>160 DALY AVE.</u> OTTAWA ONT. K1N 6E9 232-6255 992-9049 | VE3DMC | G.M. SCHUTHE 235 DANIEL AVE. OTTAWA ONT. K1Y OC7 728-8828 995-8308 |
| <u>VE3EXA</u> | N. SIPKES 2740 MARIE ST. #28 OTTAWA ONT. K2E 7E6 828-9369 592-3200 Ext 327 | | |

THE OTTAWA AMATEUR RADIO CLUB,
 BOX 8873, OTTAWA, ONTARIO,
 CANADA, K1G 3J2.



FIRST CLASS MAIL



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| THE OTTAWA AMATEUR RADIO CLUB, | | P.O. BOX 8873, | OTTAWA, | ONT. CAN. | K1G 3J2 |
| President | Ron Belleville VE3AUM | 1405 Maxine Street, | Ottawa, Ontario. | 746-2484 | |
| Vice-President | Larry Bradley VE3CRX | 9 Chartrand Avenue, | Orleans, Ontario. | 824-3753 | |
| Secretary | Tim Evangelotos VE3EWE | 2045 Prince Charles Rd., | Ottawa, Ont. | 722-1358 | |
| Treasurer | Cy Chapman VE3CVK | 2244 Kipling Street, | Ottawa, Ontario. | 731-6172 | |
| Directors | Larry O'Brien VE3GRJ | 9-25 Rockway Crescent, | Ottawa, Ont. | 828-6727 | |
| | Bud Punchard VE3UD | 3193 Riverside Dr., | Ottawa, Ontario. | 733-8384 | |
| | George Roach VE3BNO | 104 Strathcona Ave., | Ottawa, Ontario. | 234-0885 | |
| Membership | Vic Cyr VE3DEP | 1969 Belcourt Blvd., | Orleans, Ontario. | 824-1204 | |
| Beginners Class | Bob Clayton VE3HBQ | 1174 Tawney Road, | Ottawa, Ontario. | 731-2691 | |
| RSO Convention | George Roach VE3BNO | 104 Strathcona Ave., | Ottawa, Ontario. | 234-0885 | |
| Coffee | Ernst Meier | RR#1, Bourget, | Quebec. Box #77 | 487-2922 | |