

# XTAL

NOVEMBER

1948

Vol. X No. 11

for the  
radio  
amateur

O. A. Sandoz, VE1QZ  
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Halifax, N. S.

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OFFICIAL JOURNAL  
THE CANADIAN AMATEUR RADIO OPERATORS' ASSOCIATION  
TORONTO, ONTARIO



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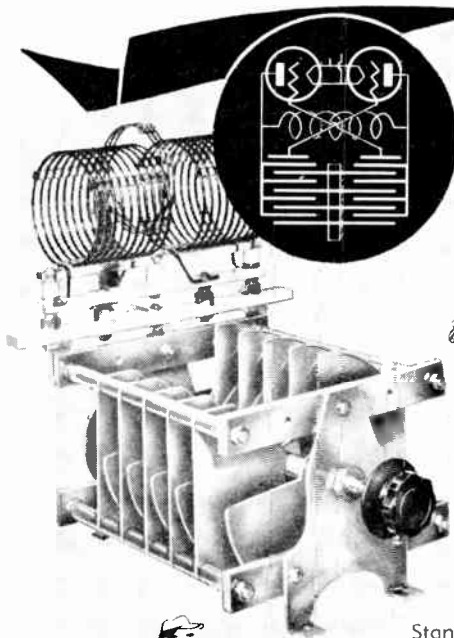
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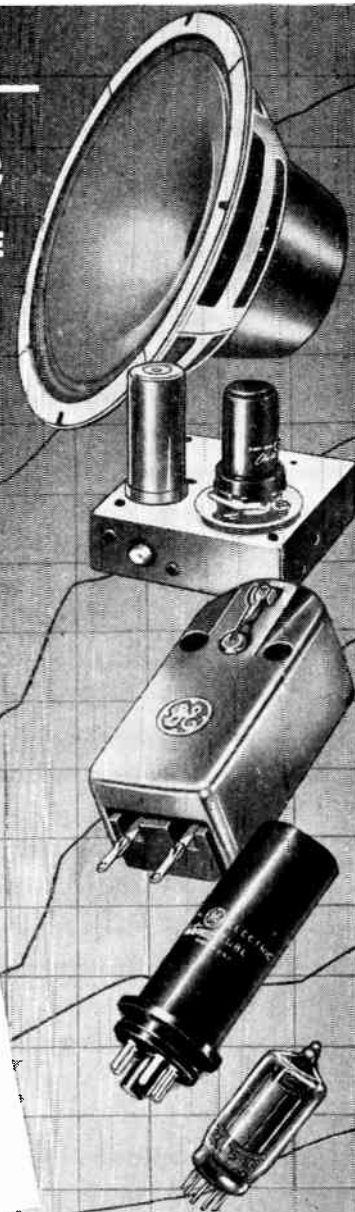
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# XTAL

[ C R Y S T A L ]

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No. 11



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## CAROA



## On the EDITOR'S FREQUENCY....

**T**HE nature of amateur radio is such that it can be of inestimable value as an agency of service to the public. There is nothing new about that statement, of course, for the hobby has enshrouded itself in public glory on many occasions over a period of many years.

The fact remains, however, that we have not exhausted all the avenues of public service available to us, nor are we doing the greatest possible job of service in the fields we have entered. It seems to be beyond contradiction to say that the degree of service which the public receives from the hobby will be directly related to our own ingenuity and effort.

One thing would be to organize clubs— as many clubs as possible so that the greatest possible number of amateurs could belong to clubs without any one club being too unwieldy in numerical strength.

Then, all clubs could set up a public service committee charged with the responsibility of discovering the ways and means of rendering public service. Opportunities may vary somewhat from municipality to municipality, but in every location there is one or more opportunities which a wide awake committee could develop.

We are all familiar with the more popular service efforts. The pages of amateur radio literature have carried many accounts of emergency work in times of disaster, stories of parts played at regattas, at local fairs, and in locating people. To dwell on those accomplishments would be superfluous. At the same time, in how many localities have even those opportunities been available and entirely overlooked?

In the shack of every amateur, in the car of every ham who has an installation, there is an agency of great potential value to the public. Its utilization in the field of service will add immeasurably to the enjoyment we extract from the hobby.

We would like clubs to give some thought to this matter and, if they think well enough of the idea, to appoint a committee having functions somewhat as suggested in these paragraphs. Having done so, advise CAROA of the fact that the pages of XTAL can carry the news, and then, as you render service to the public, send along the story so that we may

publicize your work for the benefit of the hobby in its relationship with the public, and for the guidance of other clubs.

Many groups of individuals are using their equipment and energy along the lines we are suggesting and are doing a splendid job with no organization thread linking them together other than the fact that they are public spirited. Nevertheless, a real job can and will be done if clubs embrace the field as a natural one for club activity. The term "real job" is used in the sense that indicates extensive participation nationally.

## CAROA QSL Bureau

Our Ve3 DR has offered to institute an outgoing QSL service. CAROA is pleased to announce the inauguration of this service. Here are the conditions:

1. Send your QSL cards to CAROA QSL Bureau, Lanark, Ontario.
2. Prepay first-class postage, if under one pound.
3. Enclose stamps to the amount of one-half cent for each card you wish forwarded.
4. Cards received without forwarding fee will be returned without postage.

Bert proposes to try this out for Ve3 only at first, to see how things work out. It may be necessary to adjust the rate, and only experience will give a guide. A meagre response will not make the effort worth while, but the experiment merits a try, in these days of 3-cent QSL's. If you want this service, it's there.

● Time, tide and XTAL wait for no man. Our technical article illustrations will be unavailable from the engraver in time to keep our schedule. Look for it next month.

## Our Cover Picture . . .

Shows Ron Durand, Ve3BSG, age 13, of Brantford, licensed July, 1947. He uses an R1155 receiver, and 40-watt final transmitter on 40, 75 and 20.

# Eveready Trophy Contest Results

The field day competition of 1948 was participated in by more clubs than ever before. This we learn from club news and National Report. But only four clubs sent in logs for the trophy competition, all with high scores. We would like to show the full record of field day activity, but we cannot unless the scores are sent in.

West Side Radio Club of Toronto (Ve3JJ) repeated last year's win, with a score of 7,992. They had 738 contacts, and used five transmitters on 3.5, 7 and 14 Mc CW, 3.8, 14 and 28 Mc phone. Their location was at King, about 20 miles north of Toronto. The report states:

"Source of power for all equipment (except 40 meters equipment) was a diesel-electric generator rated at 115 volt, 60 cycles, 22KW. This generator is mounted on a truck and is available for use by our club at any time for tests or in the event of an actual emergency.

"The 40 meter transmitter and receiver were operated entirely from 6-volt storage batteries which were driving two separate genemotors. (The batteries were float charged from the diesel generator at times).

"All station control points were within a radius of approximately 400 feet.

"We had a total of 22 operators—ACR, AD, ADR, AEM, AHX, AHV, AIB, ANO, APN, ASX, AVA, AWE, BAL, BBE, BRU, HB, IB, IZ, MI, VO.

"Our FD effort this year was better organized than on previous occasions, which definitely paid off in a more enjoyable time for all concerned.

"Our four SWL's did an excellent job of providing hot meals and coffee, etc., which sure helped to keep our morale high. There were plenty of spare KW's available to operate all the hot plates necessary. The fact that the weather was practically perfect provided a most welcome change from last year's hardships."

Second high score was that of the Frontier Radio Association, operating under the call Ve3CP/3. They made 5,373 points on 570 contacts plus message bonus. From their report:

"Our operations included 10-meter phone, 20-meter phone and 20-meter CW, 40-meter CW and 75-meter phone and 80-meter CW. We used a 10-meter two element beam (rotary) on 10-meter phone and single wire hertz antennas on all other bands. Receivers in use were SX 28A, RME 69, HRO, HQ 120, S40,

R1155 and SX42. All transmissions were carried on with a maximum power of 30 watts input.

"Operators on hand for the event, and members of the Frontier Radio Association, were: Ve3CP (Ontario SCM) 3AW, AXP, AWJ, BUR, BFB, BIW, BOB, BQC, BMS, BHE, BVZ, AWS, OI, TM, GD, XG, AHL, FP, ZO, AVI, MY, ADN, OQ, AEP, AKZ, LA, AUN, AYN, and visiting us was W8WMT. Also SWL's S. Brown, B. McPhail, E. Smith and H. DeHetre."

Hamilton's club, operating at Waterdown under call Ve3BNG, scored 5,364 points on 569 contacts plus bonus. Power was derived from a 2KW gas driven generator. Operation was 144, 50, 28, 14 and 3.9 Mc phone, and 14, 7 and 3.5 Mc CW.

"Equipment used—3.5 CW—Transmitter, BC-696A; receiver, NC-173; antenna, doublet; 3.9 Mc A3—BC-458 mod. 815; SX-25, doublet; 7 Mc—BC-459A, BC-348Q, folded dipole; 14 Mc CW and A3—6V6-807 mod. 6N7, NC-240-D, rotary beam; 28 Mc A3—2E26 final mod. 815, NC-173-R'9er, rotary beam; 50 Mc A3—807 final mod. 807 Class "A", VHF 152 and BC-348M, beam; 144 Mc A3—SCR-522, SCR-522, rotary beam."

Clinton Amateur Radio Club, using call Ve3BTQ/3 from Ben Miller Falls, made 2,551 points from 164 contacts, using only one transmitter and three operators. They used a VFO and 807 final, running 29.5 watts, modulated by 6L6's, on 144, 7, 3.5 and 3.9.

Congratulations to the winning club, and fair warning that the other entrants, and others, will be crowding them next year.

## CAROA Bulletin No. 68

In co-operation with the A.R.R.L. Safety Campaign, CAROA urges every amateur to observe the following "personal safety code":

- 1—Kill all transmitter circuits before working behind panel.
- 2—NEVER wear phones while working on the transmitter.
- 3—NEVER pull test arcs from transmitter.
- 4—DON'T shoot transmitter trouble when tired or sleepy.
- 5—Avoid contact with metal frames, radiators, damp floors and grounds.
- 6—Keep one hand in your pocket. BE CAUTIOUS . . . THINK before you act.
- 7—Take time to be careful. Develop your own safety technique.

# TRAFFIC HANDLERS'

## PAGE

### TRAFFIC NET NOTES

Learn correct message handling procedure, preamble, use of ARL texts, etc. Correct preamble is essential, as is also entire message handling procedure.

Each message originated and handled should contain the following component parts in the order given:

- (a) Number                      (f) Date
- (b) Station of origin (g) Address
- (c) Check                        (h) Text
- (d) Place of origin    (i) Signature
- (e) Time filed

The handling of ARL texts by operators unacquainted with their use has caused considerable confusion and it should be understood that the text of an ARL message (which is received in the form of a number) should be translated into plain language before delivery to the addressee. A list of ARL texts is included with each A.R.R.L. log book or may be obtained from A.R.R.L.

Get a copy of A.R.R.L.'s booklet, "Operating an Amateur Radio Station," and also a copy of "Special Q Signals for Net Use." These Q signals are in addition to the usual international radio-telegraph Q code and may be obtained from A.R.R.L. or your S.C.M.

Watch XTAL for traffic news and helps.

Traffic men are invited to send in their scores, using the calendar month as basis, and send them in early.

### ONTARIO 40-METER NET "QON"

Although in operation less than a month, QON appears to be well on the way to filling a long-felt want. Credit for this is due the several stations who have co-operated with their QNI traffic and efforts to recruit additional net members. Sincere thanks, fellows, for your fb assistance.

Much of the success of any net depends upon the message service and coverage it can offer. For this reason we stress at this time the important matter of better coverage, particularly in the northern and northwestern sections of Ontario. The writer has heard on numerous occasions of difficulties in QSP to those points and QNI from Sault Ste. Marie, Port Arthur, Fort William, North Bay and other points north and west would be welcomed.

QRM on the net frequency has at times made QSP very difficult but it is hoped that as time goes by and the fact a net operates on 7267 Kc becomes known that much of this QRM will QSY during our sessions. The great majority of hams will co-operate in this respect if and when they are aware they are causing difficulties on a net.

Here are a few statistics covering the activities of QON to date:

Station	Times QNI		Traffic	
	in Sept.	Received	Sent	
Ve3ATR	23	6		14
Ve3AZZ	5	3		.....
Ve3AIL	11	2		1
Ve3IA	12	7		5
Ve3BCP	5	1		2
Ve2BB	3	3		1
Ve3ALU	1	.....		.....

### "QON" QSP Directory

Can QSP to:

- Ve3ATR—Reub, Kincardine — Beaver Net, Trunk Line "I" via QRN, Kincardine, Tiverton, Underwood, Port Elgin, Paisley.
- Ve3AZZ—Jim, Swastika — Swastika. (May change QTH shortly. Next QTH uncertain).
- Ve3AIL—George, Trenton—Trenton, Trenton R.C.A.F. stations.
- Ve3IA—Eric, Burlington—Swing Shift Net, Burlington, Aldershot, Freeman, Port Nelson, Hamilton Beach, Dundas.
- Ve3BCP—Harv, Pagwa—Pagwa.
- Ve2BB—Gordy, Lachine, Que.—Swing Shift net, ESN, Trunk Line "S", Lachine, Montreal, Eastern Canada.
- Ve3ALU—Ted, Kirkland Lake—QNI QON Tuesdays, Ontario 75 Phone Net, AFARS, Kirkland Lake.

R. Lautenslager, Ve3ATR, R.M.

### Editor, XTAL:

For many months before I became a ham, I listened to the trunk line nets for pure pastime and can say that I think nothing is more absorbing, nothing more ultimately useful in the preparation for possible emergencies, than consistent operations in traffic nets by radio amateurs.

Being so interested, it was a natural observation that Canadian participation in these larger trunks was very small. While it is quite understandable that these large TL's



have their own members and anyone just doesn't go sailing into a TL and sitting out the entire session without being invited, it occurs to me that there is still room for considerably more co-operation on the part of Ve3's, particularly in this phase of the art.

Ontario with 9 RM's and a great body of ORS stations seems particularly well fitted for more responsibility in the handling of traffic anywhere, be it in the United States or Canada. Properly organized at the outset of traffic activity this fall, it would seem to me that Ve3 stations might call in and QRU? on a number of these nets on an organized basis, with the object of looking for Canadian traffic or QSP's and then asking for QNX so as not to intrude. There seems little doubt in my mind that if this were accomplished on an organized basis (prearrangement between Ve3 RM's and ORS stations) so as to hit the main TL's in the United States, there would be more traffic originated in Canada destined for the United States, and more traffic originated in the United States bound for Canada, and Ve3 stations would feel a greater sense of responsibility in the handling of all-round traffic and be better equipped for future possible emergencies, where operating ability counts.

Walter Guillot, Ve3BUR.

## VE-GET-ACQUAINTED PARTY

Phone or CW

Call CQVE/CQVE/CQVE and sign call letters. See how many Ve stations you can work in 24 hours out of 33 hours.

Here is also a chance to win a WAVE certificate:

When—Saturday, Nov. 27, Sunday, Nov. 28, 1948.

Starting Time—3 p.m. P.S.T., 4 p.m. M.S.T., 5 p.m. C.S.T., 6 p.m. E.S.T.

Ends—Nov. 29, 12.01 P.S.T., 1.01 a.m. M.S.T., 2.01 a.m. C.S.T., 3.01 a.m. E.S.T.

Scoring Points—6 points per QSO, if Ve8; 4 points per QSO, all other districts. If a member of CAROA, bonus of 25. Add total QSO points and multiply this by the sum of different sections worked.

Use any choice of authorized bands. Same station may be worked once on each band. Any station reported working out of the bands will be disqualified.

On your log indicate each change in band and type of emission. Also mark each station worked if a CAROA member. If more than one operator works from your station, submit a separate score and log for each.

You do not have to be a CAROA member to enter this contest.

## C. & U.S.R.S. COLUMN

By Sid Prior

Here it is November, and by now you will be busy listening in, night after night, hooking as many VE's, W's and dx stations possible, and keeping your fingers crossed that your SWL cards and letters will be answered, so as to pile up a score for our SWL contest now in progress till March next.

I hope the contest rules in the October issue were quite clear and you boys of the SWL realm will make it a fb contest, so good luck, fellows, and may the best man win.

Well, fellows, your editor has been visiting and has still more visiting to do in the interest of the SWL's and XTAL. My first visit was to the Nortown Radio Club at their inaugural meeting, and I had the privilege of saying a few words to the SWL's and the members at large. The occasion was very enjoyable and prizes galore, and so to its executive I send my very best wishes for the club's continued success.

My next visit was to the Scarboro Radio Club and there I passed on the greeting of CAROA and spent a very enjoyable evening, and my thanks to B.K.B. for inviting me up.

At this particular meeting I had the honor of making the draw for the evening door prize, and to be sure it was a year's subscription and membership to CAROA and XTAL, and the lucky winner was an SWL in the person of Ted Collard.

Now for some info on SWL stations of the members of the Scarboro Radio Club:

Ted Collard, 111 Westlake Ave., Toronto—Receiver, NC46 and a 19 Set, bands, 20-40-80; antenna, long wire end fed; Ted copies code and going after license soon.

Barney Cooick, 2482 Kingston Rd., Scarboro Bluffs—Receiver, S40, all bands; antenna, 10-meter folded dipole and long wire; dx, Norway, Cornwallis Island in the Arctic, and Barney has enough cards to paper a room.

Ken Tripp, 160 Scarboro Cres., Scarboro Bluffs—Receiver, home-built job; all bands but 10; antenna, long wire; license soon.

Dennis Eason, 89 Robinson Ave., Scarboro Bluffs—Receiver, S40 and a home-built 9-bottle job; bands, 10 and 20; antenna, long wire; license soon.

As you will notice the Scarboro Radio Club SWL's are after their license, as they have a well-organized code class in the capable hands of Ve3AQR-ARC so to the S.R.C., lots of luck and continued success to your club and your very fine club paper, "Dah Dit Dah."

So, fellows, before I fill XTAL pages with a lot of chatter, I will once more mention the SWL contest, and as to the prizes they are coming on fb, and in a future issue I will be able to tell you what they are.

# C A R O A CLUB ACTIVITIES

At the first meeting of the fall season of Winnipeg A.R.C., held on Sept. 24, 4LC reported that a profit of over \$100 had been realized on the hamfest held Sept. 12, despite increased costs. The membership adopted a new application form card submitted for approval and tentatively adopted the design for an official W.A.R.C. lapel pin pending submission of design proof and estimated cost.

Visitors to the meeting included Dave Glass, Yorkton, Sask., who is awaiting call, and ex-3JK, now 4FX, Tom Cunningham. Frank Bonnet, 4FU, A.R.R.L. District Emergency Co-ordinator, who was guest speaker, outlined the steps being taken to prepare for the A.R.R.L. emergency test conducted in October and issued instructions for the preparation of emergency equipment. He stressed that emergency work was not for personal glory but for service to the nation, which is the amateur's duty. Committees elected included: Social, Sid Hackett, 4GI; Dan Wood, 4LF; Harvey Wyberg, 4NX; Alex Parmley, 4AD, and S. Talbot, 4SR. Technical committee, Reg Durie, 4DL; Ed Bailey, 4WB; Tom Betle, 4TB; Ted Alexander, 4DP; Walt Anderson, 3AAZ, and Harold Ferris, 4HF.

The September meeting of the Calgary A.R.A. was held in the Palace Bread auditorium. A method of co-operating with the model aircraft club was outlined by the president. This consisted of operating small transmitters, controlling model planes by radio. Amateurs desiring ORS appointments on the Alberta net and Trunk Line "I", were asked to see the route manager, L. Ford. Fourteen turned in their names for the code classes this fall. W. Allan informed us that an amateur radio clubroom was under consideration in the new building at Crescent Heights High. Gordon Spring won the door prize. Coffee and do-nuts were served after the meeting.

The opening of the Nortown Amateur Radio Club, Toronto, on Sept. 17 was attended by nearly 100 amateurs. Features of the night included a color movie with sound on FM methods; guest speaker was 3BNQ from Hamilton, who has just been re-elected vice-president of the Hamilton Amateur Radio Club; the demonstration of a portable FM transmitter by 3AEJ, and many lucky-draw prizes were distributed. 3RU guided 3BNQ to Toronto via the 10-meter band. Bert Bickerton,

3RU, is president; Bill Wragg, 3BQP, vice-president; Dick Roberts, secretary, and Jack Sherman, 3BWK, treasurer. Address of the club is P.O. Box 7388, Toronto.

The Halifax Air Force Radio Club was formed early in 1947 with serving members of the Signals Branch of 10 Group HQ as its members. The members with operating certificates are Ray Buttlar, Herman Tracy, Pat Whitters, Johnny Palisnuk, who operate Ve1UB, the club station. Members who also operate at Ve1UB and who have their own calls are as follows: Syd Stallard (Ve1VU), Al Cook (Ve1XQ), Sam Caldwell (Ve1SC), Al Stephens (Ve1XX) and Aubrey Haines (Ve1KW). Ve1UB may be heard on 80-40-20 meters using CW only. Ve1UB also participates in any emergency work on request or with the AFARS. The members of the club devote their own time voluntarily to AFARS emergency work and do all in their power to make the AFARS a successful organization. Ve1UB will answer all QSL's from maritime section on request, or 100% on dx QSO's or sections outside of the Maritimes.

The Brandon A.R.C. has been busy with social activities the last month. Seventeen of the Brandon gang attended the Winnipeg Hamfest on Sept. 12, with some of the prizes going their way. A reorganization meeting was held Sept. 21 and the same slate of officers were reappointed: 41F, president; 4DN, vice-president; 4GE, secretary-treasurer; 4AO, reporter. The club had another fine outing near Shilo Camp Sept. 26. The Shilo boys (4DN, 4EG and 4AL) gave the club a most interesting time at the camp with a visit through the Hobby Shop and 4DN's hack.

The Niagara Peninsula A.R.C. held a regular meeting Friday, Oct. 8. Tom Powell, 3ZE, spoke on the activities of CAROA. Jack Staley, 3GR, was also present. Steve Lewis, W2FEB, gave available information on the Cubicle Quad Beam. Arrangements were completed to start code practice classes in the St. Catharines area. The Club membership has now passed the sixty mark.

WATCH FOR  
SCARBORO ANNUAL  
BANQUET  
COMING SOON

# Introducing Your DR...

W. Bert Knowles Ve3QB

In Ontario, if you expect any QSL cards from dx countries, you can be sure they'll pass through the hands of Ve3QB, the QSL manager for the Ve3 district. If you are on 75 phone, you'll find Bert on the job most any day, either for a ragchew, to handle traffic, or to sit in on the Ontario phone net. And when it comes to dx, Bert manages to snag a few himself. He has about 70 countries confirmed.

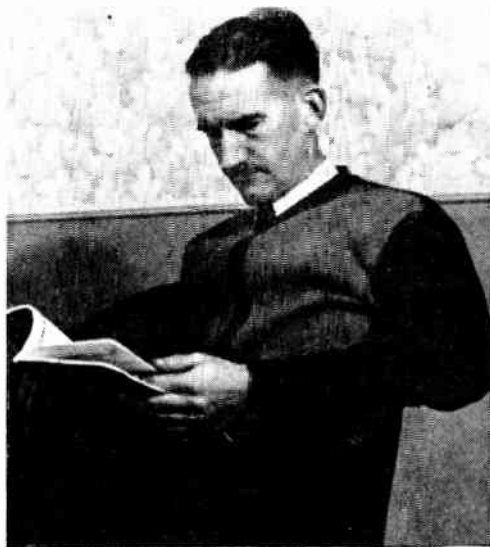
Bert made his start on the farm, on June 20, 1909, near Lanark, Ont. He still lives on that farm, still does the chores, as he'll tell you if you have a QSO.

His radio start came along in the middle twenties, with a crystal set by mail order from Montreal, which would not work. The crystal went back and in turn came a one-tube set, with a UX12 and 50-turn honeycomb coil. (Bert wonders how many hams today remember honeycomb coils and spiderweb coils.) He was rewarded after building his receiver with reception of three different broadcast stations! That egged him on, and in 1930 he added a short wave adapter, which got him so enthused that the following January he had passed his ticket and changed his identity to Ve3QB. He still remembers his first QSO, the lucky ham being W1CNE.

There was no AC on the farm in those days, and after playing around with batteries for a few years Bert got a 6-volt vibrator in 1935 for his high voltage and a charging of batteries lasted him a month. In August, 1937, Bert celebrated when the 110-volt AC line went in to the farm, and three minutes after the main switch was thrown, a 41X 6L6 rig was on the air. He added an 807 to the rig the next year and put in phone. Today that same rig is still in use, with a VFO added. Anyone who has worked Bert knows he has a good signal, good quality. He graduated by easy stages from a home-made regenerative receiver to a Pilot Super Wasp, National SW3, FB7A, National HRO and HQ129X. The last two receivers are still in operation.

His first real dx was G8MF in Guernsey, followed a few weeks later by G6WY, now Ve3BWY. About 15 countries were worked prewar on 10, 20, 40 and 80 meters. Postwar operations have brought WAC and WBE on 10 meters and WAS. He operates all bands, and often 10, 11, 20, 40 and 80-meter contacts are made in one day.

Best known as Ve3 QSL manager, he has held that post since he volunteered for it in 1933. He is also SC in AFARS, OBS, OPS, ORS, member RCC, CAROA, WIA and A.R.R.L. He is now building a new rig with



TZ40's in Class C RF and 811 as modulators, and plans to go on 6 meters soon.

When he's not busy with his farm work, he does rural telephone line work on the side, sorts QSL cards by the thousands for Ontario hams, and makes his DR reports. Radio has kept him so busy he never had time to add an xyl to the shack. Maybe he's keeping his eyes peeled for a y! dx companion!

## Winnipeg Hamfest

The annual hamfest of the Winnipeg Amateur Radio Club was held on Sept. 12 in the St. Vital fair grounds with fine weather prevailing. Although not as heavy as was expected, the registration proved to be most gratifying to the committee in charge with a good number of entries in the various contests.

Highlight of the show was the entry of the Above 100 VHF Club, who took great pains in making their exhibit both attractive and interesting. Their efforts included a mobile transceiver which kept contact with the active station in the booth while it travelled around the district. The W.A.R.C. feels honored to have had such fine co-operation from its sister club.

Other exhibits on display included a tele-type system put in by the R.C.A.F., an archery display, races and contests for the whole family and, of course, the QSO contest. The day's events wound up with a very popular corn boil in the evening, and movies.

The only thing to mar the event from the committee's standpoint was the poor showing of ham equipment on the part of the club members.

# 'Sure Wished You'd Been Here'

Oct. 8 and 9 indeed were the greatest days in Canadian Amateur Radio History! It was then that the Montreal Amateur Radio Club sponsored the largest Canadian A.R.R.L. Convention.

They came to join in the hamfest-fun from Ve1, 2, 3 and 4, and our American friends were nicely represented by fellows from their districts of W1, 2, 3 and 4.

'Midst a friendly, smoky atmosphere, back-dropped by many flood-lighted displays of shiny ham gear, shown by the many suppliers, Hal Elliott, Ve2KS, president of Montreal Amateur Radio Club, gave the opening address. Then the series of lectures got under way.

The first man to the microphone was Mr. H. O. Merriman of the Dept. of Transport, Ottawa. His paper was "The Control of Radio Interference in Canada." Considerable discussion followed, and Mr. W. A. Caton, also of the Dept. in Ottawa, took the rostrum many times to assist in answering the many questions.

Our next speaker was Squadron Leader Balke of the R.C.A.F. in Ottawa. Mr. Balke gave the gathering a first-hand report on "The Air Force-Amateur Radio Network in Canada." A customary question period followed. Then the gang adjourned for a much-needed stretching session.

Many delegates had spent the ordeal of long and trying hours of travel, just to attend the convention. However, there was one who made a similar journey, and who, for his extra determination, his stout heart, his tremendous courage and strong spirit of ham fellowship, stood above all others! They were the things that brought him there, for he, unlike his fellow hams, could only hear his friendly delegates . . . for he was blind! This, above all else, showed us the driving spirit of friendship found in the ranks of amateur radio!

The QSL managers from Ve2 and 3 were on hand and they teamed up to dispense their huge collection of cards. The lad from Ontario had brought along his now famous four-drawer QSL filing cabinet loaded with cards. Humorously displayed on the top was a sign that read "W.A.C. While You Wait"!

After supper the smoker got under way with the showing of short musical and comedy movies and a colored reel on "Pulse-Time Radio Link" as used in 24-channel telephone circuits. Then a troupe of four entertainers

gave forth with spicy tales, songs, dances and adept prestidigitation. A hilarious session ensued when one of the boys was called on to re-enact one of the magician's tricks of applying the scissors to a necktie! The OM went through the paces with his own cravat, only to have things go haywire; ending up with several chunks of green neckwear and a very red face! To add to the fun, the magic artist sent one of the OM's five-spots up in smoke! As expected, all went well. Both the tie and the five-spot were later returned to the quavering ham, intact!

Then, at the very stroke of 12, in the eerie atmosphere of the inner sanctum, lights went out. Then one small lamp pierced the inky darkness to herald the initiation ceremony of the "Royal Order of the Wouff-Hong." Due to the large number of victims on hand, it was impossible to administer the ritual individually. Therefore, someone had to be singled out to suffer the consequences! Appropriately chosen, and with unanimous approval, except for his own, the subject under initiation became none other than the local R.I.! With brave heart and wobbly knees he stood up to the technical torment provided by the superb artistry of the initiation committee. At the close of the ceremony, handsome certificates were distributed to all. We were now official members of the R.O.W.H.! With that, the first day of official entertainment was over, but the underground then took over. A very diversified program of refreshments and raillery took place in many of the rooms scattered throughout the hotel.

Bright and early (for some anyway) at 9 a.m. on Saturday, the VHF and the dx clinics got under way. These were discussion groups conducted to promote interests in these two fields of endeavour.

Later, the delegates experienced a lecture and demonstration by Mr. C. E. Watson, chief engineer of the Bell Telephone Co. Mr. Watson told us all about the 152 Mc mobile telephone equipment. A fully equipped car was manned on the street below by two of the ham fraternity, with another at one of the hotel telephones. The entire QSO, to everyone's delight, was heard over the PA system.

We next heard from Mr. Paul Segal, the A.R.R.L. legal counsel from Washington. Mr. Segal spoke with considerable experience on "International Communications."

Later, about 200 of the delegates left the hotel to visit the Canadian Marconi Company's FM station atop the Sun Life building.

They were also able to see the 4,000 Mc link equipment and the VHF mobile service transmitter.

After lunch a most interesting lecture was given by Mr. J. E. Hayes of the C.B.C. entitled "Antenna Matching and Standing Wave Analysis." This was one of the most enjoyable lectures of the convention, for the audience were able to see as well as hear his presentation. Mr. Hayes had with him a small VHF transmitter with portable dipole antennas, together with a huge illuminated meter so that all could view the experiments.

Next on the program was a talk by Mr. Gordon Lynn, the S.C.M. for Quebec. He spoke on "A.R.R.L. Communications."

Then the 100 closest answers for the "square inch guessing contest" were put into a drawing-box. Then the "pop"-ular donor of the most popular prize, drew out the winning ticket. The lucky boy was none other than Ve3AIU of Goderich, Ont.! The shiny new HRO got its new home!

Immediately following, another prominent donor and exhibitor had his drawing for prizes. A National all-band tank unit and other welcome gifts went to the lucky winners.

Then came the battle for all good CW operators—the code receiving contest! A good turnout was on hand for the fray. As the code machine gave out with still more and more WPM, those that reached their speed limits gave up the grind. Ve3BIA of Toronto won the Burgess Battery Company's cup which has been continually contested since 1925. Ve2GL, in second place, won the shiny bug key. And so the fight was over, even if it took 48 WPM to do it!

The world's code champion, Ted McElroy, had been scheduled to display his tricks of the trade, but due to bad weather, his plane was grounded at Boston, and so he was unable to be with us.

It had been previously arranged with the commander of the destroyer H.M.C.S. Haida, that a delegation board the vessel for a tour of inspection. However, the King's Orders caused her to set sail before the visiting party of "landlubbers" could be arranged.

Then at 7.30 about 900 feet slid under the festive boards while waiters brought us the four courses of food. Headlining was the turkey and cranberry sauce.

The prize drawing began during the consumption of food, as there were too many prizes for so little time. The two tables displaying the many fine gifts were divided into two groups, one for the smaller prizes, with one end reserved for the ladies' special gifts. The other table held the main awards. Then, with the assistance of two of the committee members, one doing the drawing of numbers

while the other talked, excitement reigned supreme for three whole hours!

In between the drawing periods we heard from such prominent guests at the head table as Colonel A. E. Wrinch, Director of Signals, R.C.C.S., Dept. of National Defence, Ottawa; A. L. Budlong, acting secretary of the A.R.R.L.; Alex Reid, the Canadian General Manager of the A.R.R.L., and Dr. Mignault from Quebec, all giving most timely and interesting talks concerning the radio amateur art.

The prize drawing continued until the table of the smaller gifts was empty. The winners in this group turned in their stubs and had a second chance, along with the others, at one of the bigger prizes. To be sure, the ladies were right in there too, getting their rightful share of the take.

The R.C.A.F. had provided Dakota transportation to the hamfest for twenty some-odd Ve3 members of the AFARS. As luck would have it, about eight of their number flew back home with major prizes, HRO included!

Then, along about 10.30, when all the prizes were gone, the wise-cracking convention chairman officially closed Eastern Canada's first postwar A.R.R.L. hamfest.

It was a hamfest that will long be remembered. A hamfest for which the Montreal Amateur Radio Club should well feel proud; for all of us came away happily repeating amongst us, "Those fellows sure did a bang-up job!" . . . For those that didn't attend . . . sure wished you'd been here!—Floyd G. Gribben, Ve2XR.



3AV reports that he has tried a signal generator as a VFO, operating at half crystal frequency into oscillator grid, and is very pleased with results. Good way to keep the generator busy.

If you are working outdoors on your antenna and you have some soldering to do but your iron can't be used because there isn't a handy outlet or it won't stay hot, try a tin of canned heat. It really heats the connections and does a very fb job even if it's windy.

● How many 25-year hams can we find? If your first license was dated 25 years ago or more, let us have the dope to start a quarter-century club of Ve's.

# DX NEWS OF THE MONTH

Well, the fishing trip in all past and gone, and while we were favored with fair weather, five steady days of north wind made fishing as poor as the dx has been in this part of the country for the past two months. It's beginning to be serious, and if the twenty-meter band doesn't soon open up guess forty will come into its own this coming season. The same conditions must apply to all of Canada, as in the past two months I've only had about 12 reports from dx hams. All joking aside, though, fellows, how do you expect me to write this column if you don't pass along the news? I'm going to make one final try this month on exactly six letters received, and if the response next month isn't better I'll have to admit myself that you don't want this small section continued and will pass the job on to someone else for a final try. It's been fun hearing from you all and, while sometimes slow, have eventually answered all your letters. So what's the verdict—a dx column or wash it out?

With the frequency off my chest will get along with the dx news. First a nice report from Art Grant, VO6EP, who has erected a 3-element rotary and has boosted his totals with some choice stuff such as LX1AY, VS9AL, IS1A-HK, CR7AY, FE8AB, VP8AM, FM8AD, H L 1 A E, U O 5 A D, V S 7 P H, W8OZG/C6, C7LT, J2AAL, VS7NX, J7ABN, VR2BD, CR6AQ, J2RLK, J2AHI, CR7BC. Guess dx in VO6 is better than Ve, eh, Art? Ve3BNQ reports 78 countries, all worked on ten-metre phone in the past year with 65 watts and a 3-element wide-spaced beam. Fb, Al, and that XZ2KN QSO would sure look nice in my log —. Strangely enough, we have yet to hear a XZ, so guess we had better use ten more. We received a letter from ST2GH enclosing several cards which I have forwarded to those concerned. If any others have QSO'd him he can be reached via International Acradio Ltd., Juba, Anglo-Egyptian Sudan. Received a card from ON4AU for 80-meter QSO 11 Jan. 48, so if whoever was using my call wants it, drop me a line. I would be very pleased to hear from him. Ve3AAZ, who now resides in Winnipeg, spent his holidays in Ve3 trying to add enough countries to get 100 cards for his DXCC. He brought his total to 118 worked, and has cards from 97 of them. Luck on the other three, Walt, and hope to hear you soon the air again from Ve4. Ve3QB continues to push that 807 on 20 phone and adds UP9DD, HP1LB, 63YF, VP3LF, 11FLF, CN8EQ, 11AXE (Trieste)

and TR1P. Also on CW a flock of Europeans. Worked here since putting up the 4-element beam, ST2GH, IS1AHL, OY3IGO, J9ACN, EP2B, EP1J, VQ2GW, ZD9AA, MD4BPC plus the usual Europeans, etc. Also WAC twice with NBFM phone. Heard MP4BAB, R.A.F. station, Sharjah, Persian Gulf. Also VU4AC, Minikoi, Laccadive Islands, in QSO with ZC1CL, R.A.F., Amman, Transjordan, on the same frequency. You can imagine what happened after they finished (and before also); everybody on the band calling them and mostly on their frequency. Needless to say, no one worked either. SL5AB is a Swedish army station, while PI1RAT is a radio school in Holland.

Ve3IJ has received the necessary cards and forwarded them to A.R.R.L. for his DXCC. Congratulations, Harry, and that should be good for the second Ve3 ever issued. To date the Ve members are Ve3QD, Ve7ZM, Ve7HC, so looks as if Harry will be number four. We know several others who are just waiting for cards. 3TB has his shortened 2-element 20-meter beam up and perking and will now really go after Asia. 3OH has his 3-element 20 beam up and operating well and has had good luck on phone with it.

Well, gang, that's all I can conjure up on six letters and a few phone calls, so let's try and improve this next month.

Any contributions, news or gossip can be sent to Roy Carter, 304 Brookdale Ave., Toronto 12.

Deadline for news is now second of the month, so please get it in early.

FLASH—3TB, on second QSO with new beam, after 14 years trying, worked Asia!

*QSY to page 17*

## INSTALLATION KITS FOR 19 SET — \$7.50

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# C A R O A

# NATIONAL REPORT

Because of pressure of personal affairs, Ron Hesler, 1KS, who has served so well as Ve1D.R., has been compelled to resign that position. Bill Gordon, 5MW, Saskatchewan D.R., has resigned because of moving to Brandon. The executive committee and the members of CAROA thank both Ron and Bill for their services, and hope that in the future they will be again able to serve the association. In their places, Phil Loosen, 1KQ, and A. C. Cox, 5BF, have accepted temporary appointment until elections are held. Your continued supply of reports to the new district representatives is solicited.

## Ve1

Ve1SC (Sammy Caldwell) uses a low power rig with single 6L6 and will work any and all stations that he may contact. Sammy works on transmitters of from 300 watts to 10 kilowatts during his normal day's work, so power to Sammy means very little. Al Stephens (Ve1XX) is the group signals officer, 10 Group HQ, with rank of squadron leader and is also the chief official connected with the AFARS in the maritime division. He is an old radio man, well known on this coast both as a radio ham and signals officer in the R.C.A.F. His call may be heard on the air most any evening. Syd Stallard (Ve1UU), Al Cook (Ve1XQ) may be heard using Ve1UB, but as yet they do not have rigs of their own. Both men are commercial ops in the R.C.A.F.

Pat Whitters and Ray Buttlor (no call) are also commercial ops and have plans on building their own rigs in the near future, but in the meantime they will be heard on Ve1UB calling dx 20.

Aubrey Haines (Ve1KW) is heard on 80-40-20 meters CW most any time of the day or night when time permits, but is still working on getting the parasites out of the 807 so as not to bother the neighbors. Power output is approximately 75 watts. Both Ve1XX and Ve1KW are members of the H.A.R.C. as well as the Air Force Club.—A. K. Haines, Ve1KW.

## Ve2

Floyd G. Gribben, Ve2XR, D.R., Quebec, 5120 Westbury Ave., Montreal, phone EL 5387.—Surely, by now, you've gotten over the affects of the A.R.R.L. convention in Montreal, so let's, if you can, squint at this month's doings. XL of Dorval phones on 20 with Collins ART-13 at 200 watts hooked on to a co-ax fed vertical and pulls in the bedlam with an AR-88. Al's been off since last Christmas. Welcome back, OM, KQ of Montreal also does his phoning on 20. NZ of Mount Royal takes to 80 phone when 10 doesn't call. XX of Dorval is the proud and bringing pop of an 8-lb. 1-ounce dotter. He puts special emphasis on the one ounce! Nice going, Jimmy, even if she does look like you! CI of Montreal just joined the ranks of CAROA. Charley uses an 815 on 20 CW connected to a folded dipole. He hears the noise on an S-38. NK of Quebec has his super-setup well under way according to DL who spent some time in the area. LA is doing the construction. NK will have 32L beam on 6 trained on dipole 5 miles from town so he can use the arrangement for remote control of his big 80 phone rig in the sticks! All this to kill BCI! LV of Montreal got new Sonar XE-10 unit and put up JK beam for 10 and 20, so Sid is now in business on FM. DL away most of summer and fall on biz, so his CAROA bull-tins on 80 phone were not heard. TM of Quebec, another CAROA OBS, got the news off ok though. TA of Montreal pounds away in the 40-meter Swing Shift Net with 70 watts to a TA-12. A full wave Zepp takes the soup and he plugs his phones into an HRO. John has closet full of storage batteries and can go on emergency supply for 48 hours at throw of switch! New club forming in west end of Montreal and Westmount. By time you read this it will be well under way. HG of Montreal rebuilding 10 phone rig to use PP 813's mod. with 811's with a HC-453 for VFO. AGF of Montreal had dream come true when he finally finished his long-planned control desk. Take orders, Tommy? Drummondville has a new

ham! He's John C. Cook, Ve2AGG, and reports to this column for the first time. He says he's amazed what low power can do. His 35 watts made 150 QSO's on 40 in eleven weeks. He hears all the stuff on an NC-46. Welcome to the mob and let's hear from you again, OM. An outstanding achievement for low power goes to MG of Verdun! With only 10 watts on a 6L6 he's made WAC on 10 phone and has the cards to prove it! He mods, with 6A3's Class A and twists a 3L beam. Gerry uses an SX-25 with 6J6 pre amp. YG of Montreal has PP T-40's at 250 watts with a 10-meter dipole. He rebuilt his 811 mods. on new chassis. His bedlam-box is an S-40. AHJ of Greenfield Park gabs on 2 with 19 set. JN of St. Johns just joined CAROA. Welcome to the gang, Paul. Let's have a line of news from you for the column and also what others your way are doing. ACM of Valois and HG of Montreal are also new members to CAROA. Greetings, men! So is Mervyn Lendrum of Montreal, an SWL. Get that ticket soon, OM. ACK of Verdun building new all-band rig with string of 6AQ5's and an 807. His OW hangs the duds on a current-fed turned doublet with 600-ohm line. Dials are twiddled on an S-40 and a BC-348. AEO of Verdun moved to Lakeside Heights. He ops on 2 with a 19 set and 3L twin-lead beam. AFV of Westmount gabs on 2 using a PA system to mod. a 7193 (2C22). A 19 set does the hearing and a ground plane antenna takes care of the soup. CB of Verdun used to visit AEO, but now it's just the kid sister! AAV of Dorval taking op job on lake boat so ACM of Valois is adopting Peter's junk for the time being. What a pile of stuff ACM now has to play with! Our old faithful reporter, LO of Drummondville, drops a line once again. John reports-traffic building up from summer lull. He's calibrating his new VFO. Hopes xyl hurries back from G land. (Tired of burnin' the taters, John?) Says AA is thinking of starting up again by going on 10. So far AA's been fiddling with HI-FI amps, as he's daff on good music. TD modernizing 400 watt rig. JJ still too QRL to get on and his junk is moth-balled with local scout troop. JJ of Montreal experimenting with new beam on ten. Bill says it's known as the "Quad" and says the B-F ratio has them all beat. (You'll be hearing more of this antenna in ham circles). The Radio Club of Quebec, CAROA, and all amateur friends, deeply regret hearing of the passing of Henry Labelle, Ve2HL of Quebec. Long a member of the Quebec Radio Club, and until his death its secretary. He was a member of CAROA and its first OBS in Quebec City. His 80-meter phone voice will be greatly missed by all. All we amateurs convey our sincere sympathies to his family and friends. LEST WE FORGET DEPT. . . CAROA is sponsoring the "Ve Get Acquainted Party" on Nov. 27 and 28. This is a contest for Ve's only and a swell chance to meet and compete with your Canadian brethren. Also a swell time for you fellows who are after your W.A.V.E. award. It requires 18 QSL's, two from each of nine provinces. To prove it's not easy, only about 20 have won the award so far, with only two or three Ve's being successful. This is a challenge, so get in the contest and see what you can do for Ve2. You'll find all the contest dope in October XTAL. See you in the contest, OM! BRIEF DEPT. . . As you know, by far the greater number of QSL's are handled by QSL managers or their counterparts. Like so many necessary jobs being done for the good of ham radio, the job of QSL manager is strictly a voluntary one. These lads indeed perform a most valuable service for all of you who like to exchange QSL's. They have done this work quite unselfish for a good many years. Only in the last few months have they received their long overdue praise and recognition on the pages of amateur publications. Being a modest group, they never have officially decried the former lack of recognition for their services, but just the same they have always had their beef! Far too many of you leave your cards with them for storage! Our own Ve2 QSL manager's warehouse is piled high with cards waiting to be cleared. He has gone to a lot of trouble to provide you with a QSL service and he expects you to show your appreciation by availing yourself regularly of this convenience he has established. He begs you to please help him clear out his barricade of

## Ve3

cards by sending him a large, stamped, self-addressed envelope. While you're at it, enclose a kind word of encouragement, plus your thanks for his fine service. He'll appreciate it and you'll get those cards you've been waiting for. Get in touch with him today. Send your envelope to Austin W. Smith, Ve2UW, 6164 Jeanne Mance St., in Montreal. Do it right now! Regulars not heard from this month were PL of Bourlamaque and GF of Quebec. What say, boys? Also how about hearing from you guys in the Three Rivers area and Sherbrooke? In fact, let's hear from anyone, eh? My phone and address head this column. QRU? That's all there is this time, fellas, so let me turn the mill over to WH of Quebec, who's taking his first crack at being our French reporter. So long, gang, and read on.—Floyd.

**Votre chroniqueur français:** Marc Cimon, Ve2WH, 2156 Blvd. Laurier, Québec, Tel. 7-1168.—Grâce à l'heureuse initiative de notre bon ami Floyd, Ve2XR, les amateurs Canadiens-Français auront maintenant leur colonne de nouvelles en leur langue dans le XTAL. La rédaction en a été confiée à votre humble serviteur qui s'efforcera, avec votre collaboration, de la rendre aussi intéressante que possible. Je regrette d'être obligé de commencer par une mauvaise nouvelle, celle de la disparition de HL. Les amateurs perdent en lui un membre des plus actifs et un bout-en-train dont la verve et la gaieté étaient intarissables. Nous offrons nos plus sincères condoléances à Mme Labelle, Ve2XYL.

TJ, OF et HB annoncent leur arrivée prochaine sur 6 mètres. TJ utilisera un smtr AM-FM, BC-1068 converti. HB essaiera un PP 807. NK a installé un beam de 32 éléments sur 2 mètres. Nombreux, dx, Victor. TG, de Longueuil, et AB, de Québec, se sont rencontrés à bord de leurs yachts à Tadoussac, durant les vacances. La rencontre a été célébrée par un cocktail mémorable et les deux bateaux ont ensuite fait route pour Chicoutimi où les équipages ont été les hôtes de DV et KO. WH était aussi de la partie, comme second opr pour AB. Les OM's de Montréal qui projettent un voyage en bateau dans le bas du fleuve pour leurs prochaines vacances pourront s'informer à Bob (TG), et surtout à son xyl, comme il est doux d'être bercé par la houle. ZN nous déclare qu'il est à la recherche d'un rcvr. AFE est à construire un PP 809. PC et VO expérimentent le système de modulation Taylor avec des 814. Bonne chance. HB annonce l'arrivée d'un Junior. AFC achève son tour du monde sur 20 mètres. RM, OD, DV, ZZ sont entendus souvent sur 75. RA, à Hull, utilise une 304TL en final sur 75. ABC et TC ont été blessés accidentellement à Rivière-du-Loup. Nous leur souhaitons prompts rétablissement et retour sur l'air. OA est de retour à son QTH, à Montréal, après avoir passé l'été au puge des Ve3, à Kingston. ZU et GF sont actifs en CW sur 80. LZ, à qui nous avons demandé de nous parler de ses activités, nous a déclaré que le silence est d'or. Merci de l'information, Marcel. Cependant j'invite tous les amateurs Ve2 langue française à ne pas suivre son exemple et à m'écrire ou à me téléphoner pour me donner un résumé de leurs activités. Q'en dites-vous, OM's?—73 Marc.

W. Bert Knowles, Ve3QB, Lanark, D.R.—Ve3ADJ is at Queen's. AWT should soon be on 40, CW of course. AXO has moved to a new location, the reason, it is rumored, to get his beam up higher. AFH has his beam above the power lines and hopes to work some dx. BFR has replaced his batteries with a 110 V gas plant. The Niagara Club held a wiener roast Sept. 18 with 75 in attendance, including some W2's. GI is organizing an eastern Ontario traffic net. BSX has a BO458 on 40. AHL, BUR, and AWJ have connections with the Beaver net. AXU complains that some of the W's won't QSL and he needs them for WAS. AJF has a new commercial receiver. BNI was on a trip to New Orleans. AVC is experimenting with television. TB and BDI are thinking of two-element beams. QD is well pleased with his new beam. ADW visited KE and talked to QB about his long awaited dx QSL's. CY is trying NFM. QW is getting out on ten fone. BIS is trying to get an NFM. QW is getting out on ten fone. BIS is trying to get an NFM adapter working on his receiver. Beams seem to be the fashion with HM, BGD, and QW. Who works eleven, and let us know what you are doing on that band. BNC has new QTH in Kitchener. QD has now 146 countries confirmed; nice going. Roy. ACS complains that the dx stations cannot hear the "S" on his call. "Unknown" sent us a nice report on some of the Toronto gang, which I am sorry to say cannot be used. Unless your name is signed to the report, we will not use it. GH has a new Hammond beam. BIR is running about 600 watts to a PV700. PH is going to try to raise his antenna. VO called to see your D.R., as well as AQA, who took away with him a large number of QSL's for the Hamilton district. NI, BDC, FQ, and BEK handled some QRR traffic. The R.I.'s caught up with the . . . (I am afraid to write what I think) that was using JW's call and found him only two blocks away from JW. The . . . was using a No. 19 set. RM heard Ve3LP on six fone. UO is being heard on 75 fone again. UK is at a new receiver for ten, six and two. The old executive was returned to office in the Hamilton Radio Club. BEK, BUS, and UQ are working W5's on 75 fone. ATM is coming on to 75 fone. It is only a few months now until the Department of Transport will be considering any changes in the radio regulations for 1949-50, so now is the time to be thinking what you would like. (Another 500 Kc on each of our bands, please). BBM visited Toronto and the C.N.E. PH entertained the local club on his birthday. AZZ, BBQ and ANH are battling for the dx honors in the Northland—AZZ is well out in the lead. BJE is looking after local club paper called SEE-KEW—good luck. G3BLT is coming to Ottawa. PEB has a new beam. In closing I would like to ask all stations operating 3750 to 3800 Kc to keep a careful watch for Ve1IE, who will be working across the pond on 75 fone, and is willing to give everyone a chance to do likewise. The best time is from 9 p.m. to 1 a.m. Please send reports to reach us by the end of the month. Tc—BUR 65—73, Bert.

## Ve4

Les Saul, Ve4 FJ, D.R., St. James, Man.—Things are picking up now with the fall season, but reports are still very thin. LC has torn out his modulator and is out to fix his troubles once and for all. Len has only Asia to get now for his W.A.C. award. GW blew out a filament transformer. Gerry will be back at U by now. HB, newcomer to the fraternity, worked 3AFS, Dryden, for his second contact. The other was a local, next door. The rig is a 6D6 xtal oscillator with end-fed Zen. Congrats, OM. GL is searching for a car battery so he can try out his hamfest prize—a No. 19 set. RO, who has qualified for just about anything in the books, listens more than transmits now.

Quite a number of the local boys, 4DN, 4YW and 4CI, are on ten meters again. 4EG of Shilo may be on ten meter phone soon; he has been on 80 CW during the summer. 4IF has been appointed OBS for the Brandon area. 4AP has been too busy at his house to spend much time with radio lately. 4MW, of Winnipeg, was a visitor to 4IF's while in town on business.

## Ve5

A. C. Cox, Ve5BF, D.R., 237 5th Ave., Saskatoon—Activity in the Saskatoon district is growing with the approach of fall and the opening of the ten-meter band. For the information of ECO, 5BF is on 6 meters with about 15 watts crystal controlled amplitude modulated, fed into a 3-element rotary beam. JJP is on holidays now and what he is cooking up in the portable 6 and 10-meter gear we do not know. 5RC should soon be on 6 meters, but final touches are awaited. 5EE is busy

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building a custom job using 814's in the final, but having a little difficulty with coupling between stages. This should be straightened out soon and we hope then to add him to the 6-meter net. He has an SX43 which receives on 6 meters. RJ's old 175 also pulls in 5BF on six. 5BF, using converter, has received second harmonic of 5MQ NBFM on 10 meters tuning to five meters. 5BW just audible on second harmonic on 5, others not picked up yet. 5RJ must be putting all of his energy into the new 3-element 10-meter rotary, for none can be found on five. Incidentally RJ's 10-meter beam is really putting out that 25 watts, getting 8 to 9 in New Zealand and 6-9 in England. 5MQ is on 10 and 20 phone NBFM and his FM is about the best heard yet. Your reporter cannot tell it from AM. What circuit you using, Jack? 5GG still pushing out CW with TBSE0 on 40 and 20 from his basement suite with antenna not far above ground. Landlord he don't like skywires around. 5OB has TBSE0 and likes it fine on 75, booming around the country in great style, but cannot seem to get as good results on 10 meters as he got with old rig. Carl has beautiful receiving spot four miles out. S2 signals can be made to rattle the speaker of his SX25. 5CR threatens to complete his rig and get on soon. 5EW has been heard on 20 with good phone signal. 5BW has an awful sock on ten and is getting out well looking for contacts with Toronto friends. 5CJ and 5AN can be heard working together on 10 and 5CJ still works dx with his 807. 5AN still having some trouble with ten. 5YF has regular skeds on 40 CW, and 5FY is travelling around the country and is heard from this station and that, but we always know his voice. 5FD getting his receiver to work on ten and may be cutting a large swath on ten soon. He helped your reporter with the erection of his 6-meter beam one very warm Sunday afternoon. 5KQ seems to be busy at the armouries but is starting a code class this fall. What has happened to 5UC? Don't hear him much these days. 5UZ knocks out a good signal with his new clipped phone, but is busy at university again. 5DR can be heard frequently pushing out on CW in good style. 5AJ will soon have his 10 over 20 Hammond beam working, and that's probably why he has not been heard lately. Is 5MX rebuilding? 5FL is now happy with 10 meters opened up again working dx with new RJ beam. The Saskatoon

club is looking for a new meeting place and hope that all members will be out in force.—73.

News is scarce around the Saskatoon dugout this month. 5FD has been more concerned with garden and bees this summer. 5MX can be heard on CW. 5LF is still working on 10 and 6 meter portables. 5KQ is using 400 watts on 20 CW with new centre-fed Zepp. Has built 230 Mc transmitter and is getting new receiver. Is also starting a code class this fall. 5YF and 5FY spent holiday at Emma Lake. Took portable along but did not do much work with it. Used it mostly to scare off the mosquitoes. They also attended the Calgary hamfest. 5RJ and 5FL have had a house cleaning and moved the shack from the front room to the back where Ron is boring a hole through the wall for the 10-meter 3-element beam control, so from now on it's got to be the permanent location. 5EE has a new SX43 and is more or less active on 10, 20 and 75, but installing oil burners keeps him from getting stale. 5RC has not reported any contact on 6 meters and we are anxiously awaiting word of any 6 or 2-meter activity from any of the gang. Will the Saskatoon hams please report to 5BF. How are 5DO and 5GB coming along on 144 Mc? 5UC has been on motor vacation to the west coast. 5AJ is still picking the openings on 10 meters. 5BF vacationed at Abernethy and Katerwa Lake taking along a 457 and 458 for 80 and 40 CW. Also enlarging shack as new apparatus was pushing him outside. 5AN, we believe, is doing some building as have not heard him on for few weeks.—Gus Cox, Ve5BF.

### Ve6

W. R. Savage, Ve6EO, D.R., 329 15th St. N., Lethbridge—GY doesn't seem to have much time on the air. We heard him on in September and he said that was the first QSO since January. He has fixed up his xmtr room. We had a very nice QSO with our old friend Lorne Merriman, who moved out to the coast. He is now 7NF and is working at one of the radio stations. Lots of luck at the coast, OM, and hope to see you often. EL has burned out the light on the power supply, but said he has to lift 75 lbs. to replace it. Very poor engineering, Don. KE is C.P.R. operator at Bow Island and is running a pair of 807's in the final, YU



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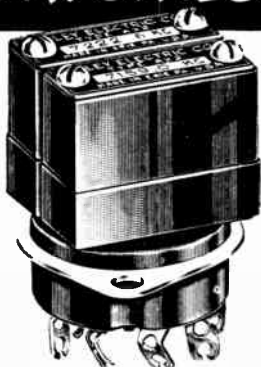
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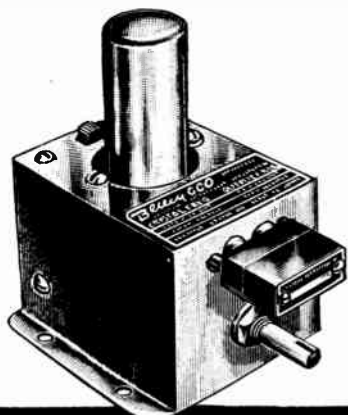
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puts out a nice signal even though his mike is falling apart. XX is doing a lot of mobile testing. LZ claims he just keeps turning around his bed sheets until they get too heavy then he sends them to the laundry to be cleaned. That's a new one. AL and will keep that in mind when the xyl is away. SL had his antenna struck by lightning. DR has the house cluttered up with coffee cans full of war surplus parts. We hear HN on the air now after a long silent spell. You must have been away on holidays. Jack. KZ has moved to Field, B.C., and his call is now 7AKZ. He is on the air and going big guns. AL is very busy trying out frequency modulation on his rig. he seems to be having some trouble. Keep at it, Spence. ND is being bothered with some local power noise. EA is trying out a new type of modulation which is a Taylor system. It sure sounds fine. Roy, so keep up the experimenting. BM is very busy building a 10-meter beam. HS built a 6L6 osc and RK39 final. This is being run from a 300V-100MA vibrator. NB is building a new phone rig and from what I am told it is really a humdinger. JJ and MS pulled off a field day of their own this month. This was operated from a 6-volt battery, also from a portable 110V gas generator. The power was 12 watts and was operated on 20 and 75-meter phone. IN, we hear via grapevine, has taken on himself an xyl, so his hamming activities are rather slack at the moment, but no doubt he will be pounding brass come the winter days. JC says he enjoys this column. Thanks a lot. Dave, and am sure glad to know you are operating both CW and phone. Thanks for all the info and hope to hear from you again. LO and IA must be still alive and kicking because we got an envelope from them for QSL cards. KK must do some QSOing because he gets the odd QSL card. MP says she really is getting results with her 10-meter beam, and claims all the reports are 20 db's over S9. HZ is busy harvesting but his crop was rather on the green side, but claims it is turning out ok. AS has a TA-12 Bendix xmtr and is very busy converting it for ham use. Well, we hope to hear you on soon. Jim. OD and xyl paid yours truly a visit while he was having holidays. He really fixed the frequency meter and put in a lot of time on the 10-meter rig and beam. Eric then returned home to do a lot of work on his own rig as well as finishing up his gardening for 1948. OX has been very helpful in lending a hand to put up a beam antenna. He is operating on 10 meters and using a two-element beam. DQ is off the air now, as he has gone to college in the U.S. for one year. EB has been too busy with his bees to be on the air much. But you can't miss him when he is on with those 8005's in push pull. OA4BC was a visitor in the Ve6 district. He has a sister at Duchess, and works for Pan-American Grace Airways. FN has just taken off a bumper wheat crop and will be back on the air again with more power since he is on the power line now. DA has started back to high school but is still active in 20 CW. JD says a high wind blew down his 10-meter beam and also his two 60-foot poles on his 80-meter antenna. He is erecting a new Hammond 10-meter beam and is running 700 watts to a pair of 813's with 805's as modulators. Watch your receiver now, boys. Fred will burn out the RF coils before you know it. NF shoots out a good 75 phone signal even if his antenna was only six feet above ground on the fence. MA is busy putting up his beam since the wind blew it down, he is also extracting bugs from the xmtrs. KO blows a bypass condenser in his receiver and was wondering why there was no modulation on the carrier which was registering 20 db's over S9. Yours truly is very busy with 10-meter beams and transmitters and must say cheerio for now. Thanks for all the information, fellows, and will see you next month.—73 Bill.

## Ve7

Ernie Savage, Ve7FB, D.R., 4553 12th Ave. W., Vancouver, B.C.—Have you done any asking about the convention for next year? It is on paper and 7AC Reg. does want ideas. 7UT Jim is a new call from Nelson; you heard him plenty from midnight to eight over 7FB during the flood. 7YA, George, has stopped using his record player and is looking for a better system. 7XW, Hedie, is using NBFM on 80 and sounds fh. 7BY, Ronnie, is in the building line and a nice new shack is in the making. The F.V.A.R.C. has finished their summer layoff and now in full swing with a committee to secure auxillary power unit for any future emergencies. After the very fine show they put on in the last emergency it will be hard for them to better their setup. 7A0O, Tom, is their newest member, operating in Langley on 40 and 80 CW. 7AEY Capt. is still waiting for his big rig to come up from Vancouver. W7FOR paid F.V.A.R.C. a visit and left them with some swell

ideas and they hope to see him soon again. 7AFB VFO is stacking up well, when he gets a chance to use it. Any crystals for sale cheap, Jim? We heard 7MX Ivian on 3S20 phone from Alert Bay. 7UC George from Victoria is now in Vancouver and his first 40 CW call from Vancouver brought a 7L. 7XE George from Brilliant paid the boys a visit all the way down to the coast and back up again, so now George has seen all types of rigs and shacks. 7AFA Tom is heard from Chilliwack on 3S50 phone. 7LX Bill is heard from Port Hardy most nights on 75 phone. Wonder what happened to the CW, Bill? 7DZ Maxie has been very hard on the condensers and last heard hopes are that he has licked the trouble. 7SF Ben will be launching his yacht this month. 'Tis a shame that we can't go mobile marine. Thanks to 7RW, we now can report on the activity of V.S.W.C. They had their first meeting for the fall season with fifteen members present. The clubhouse has had the roof and the floor painted, also the windows reglazed, and now the lawn that hasn't been cut for almost a year looks like it needs cutting. Sell the cuttings for hay after a year. Next month plans include a transmitter hunt, and the two-meter bug is also biting the members. 7MJ has a new junior operator. Congrats to you both. The Dipwit net is on ten at nine each night looking for new Dipwits. 7EP Don has a three-element beam and indicator. 7ABO Len sends us word down that Vananda is going to town with Fred's new SX43 and TBS50. They are going to try and play skip on two meters with the local gang in Vancouver and Victoria. 7BK Barney is heard still roaring a signal into the airways and is still trying out new dreams. 7BQ John has his beams (all of them) set up for remote control and a nice control panel to run them from. 7CB Chris is moving from his present QTH and now we must work on him to get back on the air real soon. Now that we have Victoria sending us reports, I would like to see some more do the same. Or shall I take the same method to sweat the news out, 7HP Hep is the new SCM for B.C. Percy, you mustn't have read the last XTAL. I asked for the news from Sand Spit. 7BJ Ed the able and only one that can control the five o'clock is back from his holidays and standard time is back, so the five o'clock net will be coming back to normal. If you have any traffic for anywhere in B.C. or Canada and even the States, it can be routed through. The local radio clubs have taken on the biggest job yet. They are going to see that at least three nights each week two operators will be at the Blind School for Children and give CW practice and operate the transmitter loaned by the army so they can have some little pleasure from their darkness. Let's get together and not let them down. See 7JT Pete or 7FB Ernie or, better still, tell your club that you will help. —73 Ernie.

## DX NEWS—from page 12

Station	P.W. Total	Zones	1948 Total	Zones
Vc4RO	161	40	100	.....
Vc7HC	151	40	160	.....
Ve3QD	173	38	131	36
Vo6EP	131	38	.....	.....
Ve6EP	131	38	.....	.....
Ve3IJ	129	37	.....	.....
Ve2WW	122	37	117	35
Ve1PQ	112	36	61	.....
Ve3ACS	111	35	63	27
Ve3AVA	103	32	66	23
Ve3AGC	118	31	.....	.....
Ve1NE	91	32	91	32
Ve1OM	76	27	31	7
Ve5QZ	54	26	48	25
Ve8AS	55	25	.....	.....
Ve3QE	54	24	51	23

7EA 120, 3AAZ 118, 3AAX 102, 6FK 93, 3BWY 79, 7EH 77, 3BNQ 76, 3TB 75, 3BBZ 72, 3LJ 72, 5JV 72, 3BBN 70, 3AGX 66, 3QB 61, 4RP 55, 3BNL 52.

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- Ve2DL—3827 Kc—R. Frenette
- Ve2TM—3842 Kc—Leon Baldwin
- Ve3QB—3835 Kc—W. B. Knowles
- Ve3CP—3775 Kc—T. Hunter
- Ve4KK—3820 Kc—B. Fowler
- Ve5FA—3848 Kc—W. A. G. Simpson
- \*Ve5GA—3847 Kc—W. T. Rogers
- Ve6OD—3801 Kc—E. A. Anderson
- Ve7FB—3825 Kc—H. E. Savage
- Ve8AS—3820 Kc—J. Spall

\*—10:00 p.m.



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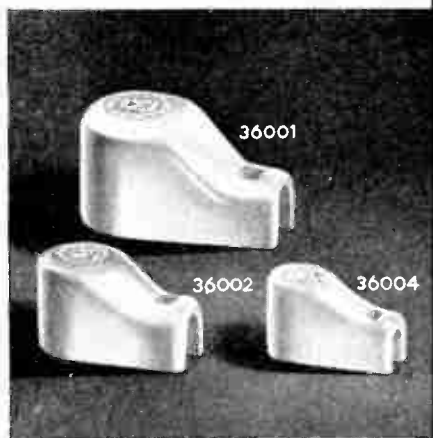
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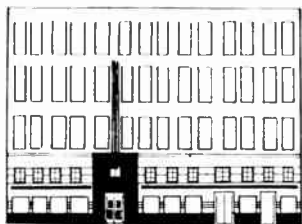
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