



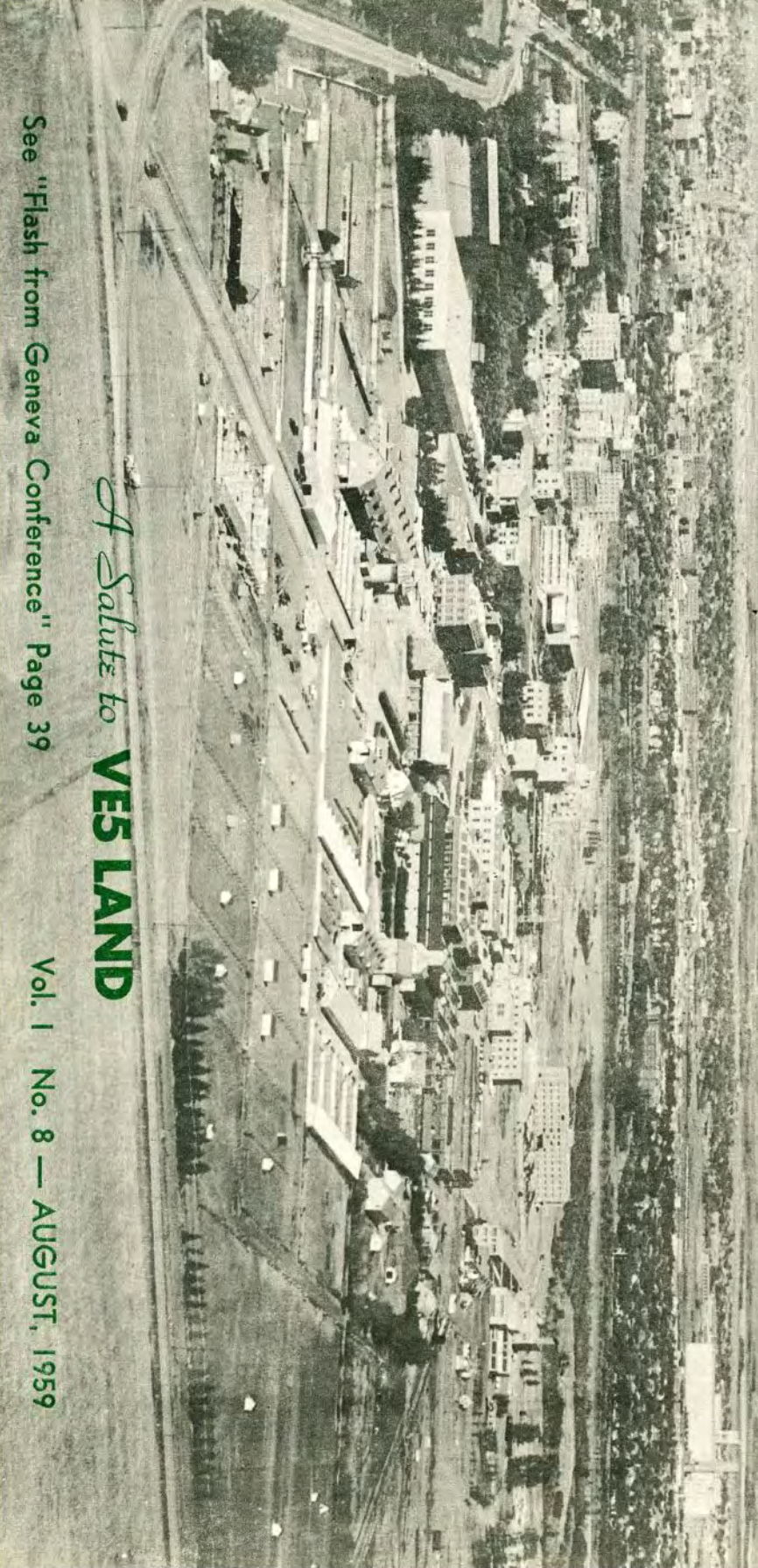
# *The* Canadian Amateur

Published in the Interests of the Radio Amateurs and Experimenters of Canada

*A Salute to* **VES LAND**

See "Flash from Geneva Conference" Page 39

Vol. 1 No. 8 — AUGUST, 1959



# You're "On the Move"... with the **Hy-gain** Trap Traveller

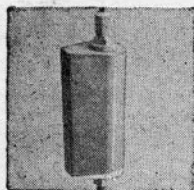
**MOBILE  
PORTABLE  
DIPOLE  
BEAM**

- ★ Automatic 10, 15 and 20 meter operation with **ENTIRE WHIP OPERATIVE** on all three bands for **MAXIMUM EFFICIENCY**.
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- ★ Designed for 52 ohm Coax, SWR less than 2:1 on all bands.

for 10, 15 & 20  
**Meters**

8' 4½"  
Extended for  
Maximum  
Efficiency

Telescopes  
Down to  
Only 29"  
for  
Self-Storing  
and  
Easy  
Garaging



## AUTOMATIC LOADING COIL NO. T-3

Trap traveller mobile automatic three band loading coil Model No. T-3. May be used with any standard three foot base and 5' whip or with Hy-Gain telescoping base section and top whip assembly. Air foil design only 1½" wide by 4½" high.

**\$20<sup>95</sup>**

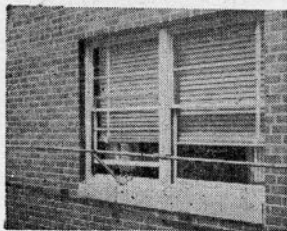
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Hy-Gain telescoping base section and top whip assembly, Model TBW; fits all standard mobile mounts. 5' top whip, when used with Trap Traveller coil telescopes from 8' 4½" down to 3'. Positive grip, knurled knob connections.

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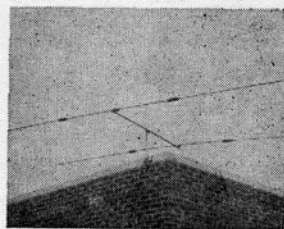
## Portable MICRO-DIPOLE KIT



Trap Traveller Dipole Kit requires two 3-band loading coils and makes into midge t high efficiency dipole for 10, 15 & 20M. Mounts anywhere; matches 52 ohm coax; low SWR, all three bands. 16 ft. overall when extended. Sections collapse to 3 ft. for easy carrying. Complete with all hardware (less the two loading coils). Wt.: Only 3½ lbs. Model TDK: **\$13.95** Complete Dipole with loading coils: **\$55.85**

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Uniquely adjustable screw driven clamp mechanism with 2' mast for mounting the Trap Traveller Dipole or Beam almost anywhere. Adjustable through a 90 degree arc from vertical to horizontal. Wt.: Only 2½ lbs. Model UB: **\$13.75**

## CONVENIENT PLASTIC CARRY BAG

Attractive and convenient plastic carrying bag with full-length zipper holds either Dipole or Beam when collapsed. Plenty of space for Trap Traveller coils and Mounting Bracket in addition. Model TCC: **\$12.55**

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# The Canadian Amateur

VOL. 1 No. 8 August, 1959

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## Editorial

As your Canadian Amateur wends its way across our great Dominion meeting and making friends from coast to coast, one very obvious fact becomes increasingly evident. A large percentage of Canadian Amateurs are aware of the dangers that beset us on every side. They indicate also their desire to do something about it . . . But . . . as so often happens when, because of our own apathy, our own indifference, we slowly, but surely drift from the safe, still waters on the outside of the whirlpool, into its vortex, we are heard to say, "Sure I know all about it, but what can I do?"

If, at this stage, with the strength that we have between us, we would rather accept this philosophy . . . Then we must blame only ourselves for the future of Amateur Radio in Canada!

If on the other hand, we begin to exert a little more concerted effort on the oars of a craft composed of a crew such as only Canadians can provide . . . Our policy will be: Canadian Amateurs seek frequency equality with other members of the Commonwealth.

We cannot, we will not accept or agree with a negative thinking minority, who asks, "what are we going to lose?" But we raise our "VOICE" loudly in support of those who say, "Let's work to win more!"

As your Canadian Amateur enters the fall of 59, a glaring indictment stares every one of us in the face . . . "We are masters of our own destiny." Our future does not depend on, a better built oscillator, or a "DX" champ, or a conscientious net checker-ner, or a rag chewing filabuster . . . BUT a united fraternity, dedicated to an over-all advancement of the art whose first thought must be, "Help and understanding for our fellowman!"

## 'Newfy' Correspondent



C. N. "Vince" Vincent, VO1FF

Vince, VO1FF has been very helpful towards guaranteeing that Newfoundland will have their own copy of the Canadian Amateur magazine. Admittedly, the number of VO's is relatively small, but, in our business that only adds up to their importance! (Thousands of the fraternity have been digging for one for years!) Tell us more about yourself and your buddies Vince. de 7JB.

## OUR COVER . . .

An aerial view of the City of Saskatoon coming in from the East. Running through the middle of the picture (from left to right) can be seen the banks of the Saskatchewan river. In the foreground, the campus of the University of Saskatchewan and the new University of Saskatchewan Hospital and Medical buildings, Saskatchewan Research, National Research Council, etc.

— Star Phoenix Photo

## Letters to the Editor



Dear Sir:—

I doubt if you could imagine my surprise and excitement when I saw the results of the contest in the July issue of this tremendous magazine.

My full address is:

Dave Gordon, VE5AG  
1154 Spadina Crescent East  
Saskatoon, Saskatchewan

I sent my entry in without the least hope of winning but rather to let you know that since I received my first issue in February, I have read, digested and thoroughly enjoyed each succeeding issue with growing enthusiasm. It is great to read articles written by other Canadian Amateurs and particularly fellows that I have worked. So keep up the good work—you have an enthusiastic following in Saskatoon and I'm sure elsewhere too!

Thanks again and I hope to QSO many more 'Canadian Amateur' supporters with my new RME 4350A.

73,

Dave Gordon (VE5AG)

Ed. Note. And thanks to you Dave, for your sincere effort in helping make our first contest a big success.

Dear Sir: —

Thanks for the QSL cards received recently. Nice job! Thank you.

If you have any back issues of the Canadian Amateur, please start my subscription from No. 2. I already have the first issue thanks.

I think The Canadian Amateur is filling a real need, particularly the Radio Inspector's articles. With a little patience I think you will get 100% Canadian hams.

Yours truly,

E. F. Dickson

Dear John:—

Here you are! Here at last is the photograph you asked for! And isn't it FB? We think it is particularly good, and I know you will get a smile out of Jennifer's "hair do", which we think is out of this world.

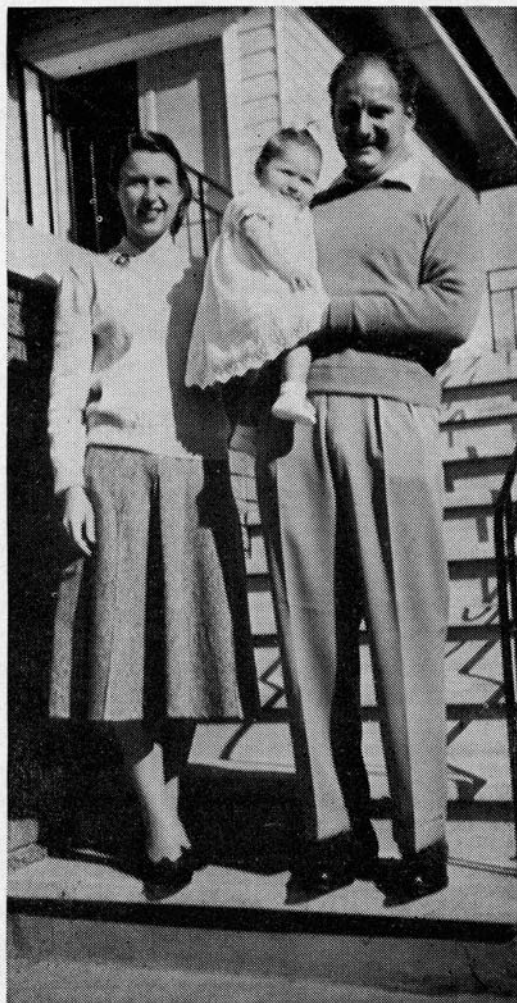
The family was photographed outside the front door of their home in St. Ives, or rather should I say on the steps leading to their front patio. As you can imagine the house is built on a piece of land with quite a slope from back to front, so that there are nine steps to be climbed before entering at the front door.

We think that both Joan and Raymond

have photographed very well, and I am quite sure Joan's picture will revive your memory of her !!! (If it needed any revival, that is to say!)

I have shown your magazine to my friend, Ron Fisher, VK3OM, and he agrees with me in saying that it is really excellent publication, reflecting great credit on all who took part in its production. We hope to see more samples as the months go by. Ron and I are both on our Publication Committee, by the way, so we have some slight idea of the amount of work that goes into such a publication.

It is always a great pleasure to speak with you over the radio, John, and I hope that we continue to have lots of these contacts as the days go by. Muriel, VK2AIA, told me that you had asked her for her photograph, and I can think of no one more worthy of having her picture printed in your magazine. She is always very



Raymond, VK2ANB—ex VR3A with XYL  
Joan and harmonic, Jennifer

active, on both 40 and 20m. and secures a very good share of any DX that is on offer. Her husband was the original VK2AIA, and when he died, Muriel studied, passed her examination, and carried on the call sign. I should say that she is the most active YL in Australia—as far as phone is concerned, Austine, VK3YL being her counterpart in the CW section of the band.

Good luck to your magazine, John, and to its enthusiastic staff !!!

Kindest regards from Gladys and also from Joan and Raymond. By the way, Rymond has no idea why I was so anxious for the picture !!!

73 John,

George, VK3AOM

Dear Editor:—

Where oh where were all the V.H.F. boys, Aug. 29-30, 8 a.m. to 8 p.m.?

Members of the Cowichan Valley Radio Club, John Gardner, VE7ACQ, Pete Helin, VE7AAI, with assistance from Tony Hillyard, VE7JG and Harold Painter, took to Mt. Privo for the CQ V.H.F. Contest.

We hope to work from Mt. Privo the next V.H.F. contest, (weather permitting) so be seeing you guys and YLs and XYLs and especially VE7BG and VE7BBL, our only VE contacts in the contest!

74,

Pete Helin, VE7AAI.

(Ed's Note) Over and over again, "where are the VE's?"

Dear Sir:—

On page 18 of Vol. 1, No. 6 (June, 1959) "The Canadian Amateur", "The YL Page" mentions that Fran Hadden, VE4KN, is possibly the only member of "The Royal Order of the Wouff Hong" in Manitoba. "The only YL member" may have been meant but I thought I'd mention that Eddie Marcus, VE4JU of Pointe du Bois and I are also members. Our certificates read "Conferred at the Midnight Conclave of the Order, ARRL National Convention, Chicago, Ill. Sept. 4th. 1938."

I am also the proud owner of a cast iron replica of the original Wouff Hong with its hay wire binding and blood tipped extension arm. Won at the same convention.

Well that's what I wanted to tell you but I'm wondering if there are many Canadians still living who started up in the "Wireless" days of 1909-1910 era when transmitters consisted of ignition coils and receivers a hunk of galena crystal. Power supply was 110 volts of "Pure A.C." and the key (hot) had a six inch strip of glass taped to the knob. My first 14½" by 13" "Certificate of Proficiency" however is dated 10th. August 1929 and is No. 964. The first license is dated 1st. April 1927. My first call (temporary) was 1928. ARRL membership started July 13th. NC4JHB. The RI said, "Use your initials until your call comes through from Ottawa". So I used them all and that was

probably the very first three letter Canadian call on the air, hi. Then VE4BU in April, 1928, License No. 20.

That's all except that I know now for sure that my three year subscription was no gamble. Again, many thanks for the fine effort and the best of luck for the future of "The Canadian Amateur."

Sincerely yours,

J. H. Brownell, VE4BU.

Dear Sir:—

Our hobby of amateur (so-called) radio draws into its fold men of all types. Taking them as an entirety, they are a very wonderful, fraternal body; as individuals they vary, as is the rule in all phases of human activity. To some, radio telecommunication provides an opportunity for them to give vent to their desire to present vocal (in the case of the man on 'phone) proof of their superiority to others; to others (those on CW), it affords the same opportunity, but their ability to impress their listeners is curtailed by the mechanical sounds produced by the key. Practically every man on CW has a "fist" of his own, and it is strange how one can often quite accurately judge the characteristics of the man to whom he is listening by the same "fist", and the consideration shown by its owner for the capability of his listener to read CW.

I have made it a practise to do everything in my power to treat my QSO companion in such a manner that, when the QSO is ended, he will WANT to meet me again. This has paid off by giving me much pleasure, when I read some little comment made on a QSL card received by me, or in a letter, which I have received, quite often. I like to think my sincerity has made itself apparent, and such things are proof that it has.

When we sit down at our transmitters, it would be wonderful if all of us would remember that many of us are governed by circumstances in our lives, as to whether or not we can send and receive at fast speeds on CW, or whether we can discuss expertly the more advanced theories of radiotelephone communications, and its accompanying complex studies. It is sometimes the misfortune of our listener to have suffered a slight stroke, or to be affected by hypertension. Such conditions often place their victim in the position of being not quite as alert mentally as he was prior to God's having seen fit to slow him down. We should use every consideration, if we suspect that our companion is so affected. Tomorrow may find us similarly affected, and kindly consideration will then be appreciated by us, too.

I assume there will always be friction between the CW man and the man on 'phone, who forgets he was, at one time, on CW. Again, here is an opportunity to exercise consideration. The CW man should remember he is in the 'phone band, and

(Continued on Page 34)

# THE RI SAYS . . .

By J. E. Kitchin, VE7KN — Supervising Radio Inspector of B.C.

From time to time somebody expresses dislike of a certain regulation or policy ruling and asks: How do we get a Regulation changed? Well, without going into a general election and changing all the MPs for others, let's take a simple case.

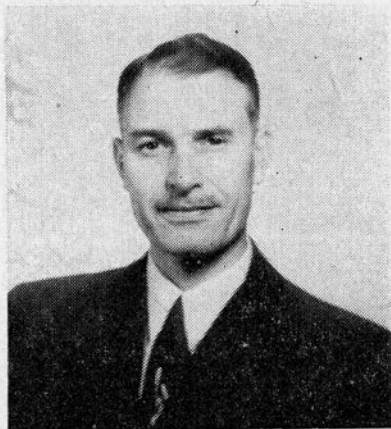
Amateur Joe thinks the code speed for an amateur certificate is too low, let us say. (This is intended to be humorous.) Assume he thinks it should be 12 wpm for the amateur certificate. (Wow; Meaning: What Orful Words).

So he can proceed in either of two ways: as an individual or through an organization. Visiting the RI will get him a hearing and perhaps an explanation of why the regulation is the way it is and why it shouldn't be changed. Any person with an idea is, of course, open to an argument. On the other hand, if the RI thinks the idea is good and has some merit, he can send it to his Regional Office for consideration. The Regional Office being in closer touch with "policy" than Field Offices, may see a flaw in the argument or, on the other hand, may forward it to Ottawa with their recommendation. From then on it becomes a question of policy, where we will leave it for the moment.

If the suggestion is made to a local radio club it may be passed on, if the membership concurs, to their association headquarters or affiliation. In the case of ARRL affiliated clubs it would go to the Canadian General Manager and, if not turned down, it could then be sent to DOT, where we again meet up with "policy".

The policy has to be decided from several angles and if a regulation is to be changed it becomes a matter for the legal branch to rule on. It does no good to request a change on the grounds that other countries have "such and such" so why can't we. All that can be said for arguments of this nature is that income tax is higher in some countries so . . . ? Also, if some other countries wish to have their road traffic keep to the left why doesn't Canada change back? So don't quote what is done elsewhere as a reason for doing it here. The fact that it is done elsewhere provides a starting point but, to support any request for a change, it is necessary to give a very good reason why it is advisable to do so in Canada. Canadian regulations are made in Canada for Canada and they are not interchangeable with those of other countries. So don't forget—when making a suggestion that something be changed, be sure to give all the good reasons you can think of.

**MEET THE RI . . .** To start this series off, we picked on the nearest man to start the ball rolling. Meet Nelson J. Smith, the Regional Examinations Supervisor in Vancouver. Nelson's duties are to supervise all examinations in British Columbia Region and he spends quite a lot of time giving examinations himself.



N. J. Smith, VE7DF

Nelson started with an amateur station (5CB) in Victoria in 1921 and for a couple of years was operator and announcer at CHCE. He joined the DOT in 1923 and has operated on various west coast radio stations. In 1950 Nelson joined the Vancouver office staff (which was a sub-office at that time) and became an Inspector. He has been active on the air since 1946 with the call sign VE7DF. He is also ably assisted in his duties by W. H. (Bill) Baxter, VE7VR, and these two can not only ask some very pointed questions, they can also answer them as many an embarrassed candidate has discovered and gone away thankful for the help he has received.

---

## Silent Key

It is with deep and sincere sadness that the passing of eight "Cheerful Eskimos" is recorded. Roman was fatally injured in an accident on Victoria Island on August 22nd. Having a tentative daily sked with Roman your Editor got to know him as a fine chap whose chief concern was for his fellowman. He will be sorely missed by all who knew him.

# An Important Member of a Busy Net . . .

THE 10 METER WHEAT BELT NET

## JERRY KERNEN

### VE5AM

Jerry and his entire set-up including  
the wheat field (I think!)

Below—Jerry's tower and farm 3 miles  
east of Saskatoon outside Sutherland







Rev. Eric Crowther, VE5CF and visitor  
Walter Chapman, VE5KC of the  
10 Meter Wheat Belt Net



Bob Smith, VE5BQ—World Traveller  
"QC" Club

## Welcome Home VE2AFC and . . . XYL!

Alex has returned to Quebec City with his lovely bride Rejeane, after a glorious honeymoon in the old world. Imagine, (and I'm sure you can't) three weeks in France, a stop-off in PA/ Land, then back home! The newly-weds have almost a hundred pictures taken during their trip—Maybe they will let us show you some of them soon. Alex and Rejeane, "The Canadian Amateur" is joined, we are sure, by amateurs everywhere in extending best wishes to you both. May all your troubles be tiny . . . VE2's!



"LOVE BIRDS IN FRANCE"



DX'ERS IN PARIS—Left to right:  
F8MY, VE2AFC and OD5AB

# Emma Lake - "QRM Valley"

All roads lead to Saskatchewan, the land of plenty. There you will find the air is fresher, the skies are bluer, the people are friendlier and you'll enjoy the most beautiful sunsets in the world. Follow the black-top thirty miles north of Prince Albert and there you will find "QRM Valley" better known as "Ham's Paradise."

There, on the banks of the beautiful Emma Lake, VE5FY and his spouse YF found solitude among the towering spruce, birch, poplar and pine and built themselves a "shack". There came many Hams and their XYLs and Junior Ops to visit. There, like The Man Who Came To Dinner, they stayed and cleared the land and made ready to build summer homes. There you are also invited to come and bring the family. Bring the kids, the dogs, the cats, the bathing suits, the boats and fishing tackle. Prepare to fish or swim or just rag-chew. If anyone wants to sleep, bring some extra blankets.

"Ham's Paradise" is just two miles north of No. 2 Highway on Okema Beach. Waiting to welcome you will be VE5GT, Maynard and his XYL, Helen. VE5UC, Cec and Crystal. VE5RL, Ralph and Daisy. VE5LQ, Don and Rita. VE5FY and YF are still there, no longer in solitude. VE5NP, Norm and Wyn have picked a location, while VE5QC, Mel and Peg, with VE5CU, Bill and Helen, are still looking around for a place to light.

Don't worry about mosquitoes, the QRM is so thick the insects can't get through. Stringing antennae is a cinch. Tie the two ends to two cats, Mike and Pixie, sic the dog on them and there you are. Two cats up 90 foot trees. No problem.

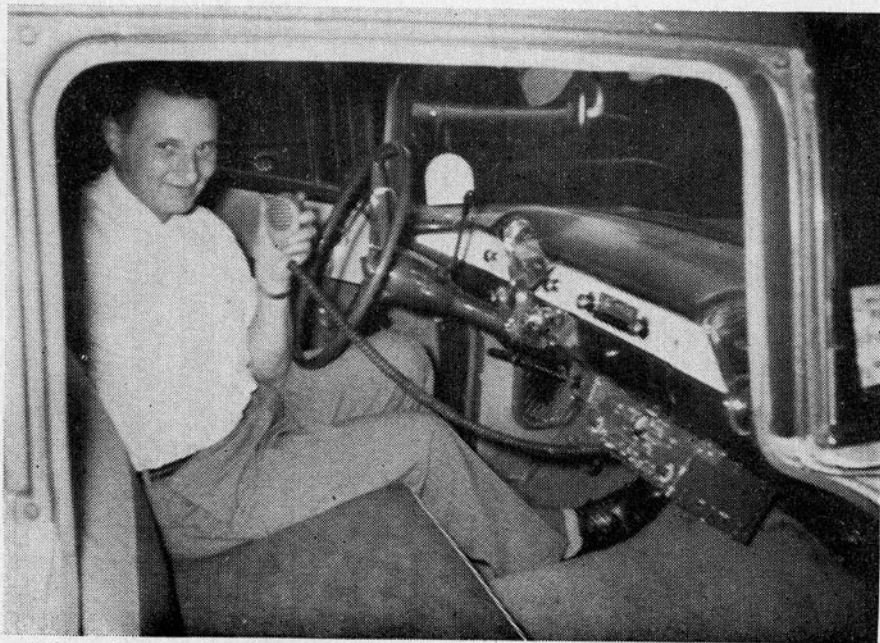
There are other hams in the vicinity with no pioneering spirit. These boys and girls like the bright lights and easy life. Take a drive up to Saskatchewan's fabulous Prince Albert National Park and look for, among the thousands, Tom and Margaret, VE5VB. Fred and Marion, VE5DN and Wally and Elma, VE5YW. If you want to catch a big fish, drive a little further to the "Narrows" and call CQ VE5PA. On the way back to Emma take the Anglin Lake road and call on Ron and Dorothy, VE5EY. If you are the daring type, you can go still further north to Lac La Ronge where VE5TM and VE5MC, Tom and Alma live permanently.

On a nice evening you will enjoy the Emma Lake shore drive, PAST the licensed premises, where you will find VE5JH, VE5SS and VE5LN busily building.

Come one, Come all to the QRM Valley where the summer is just one big "ham-fest." BCNU next year.

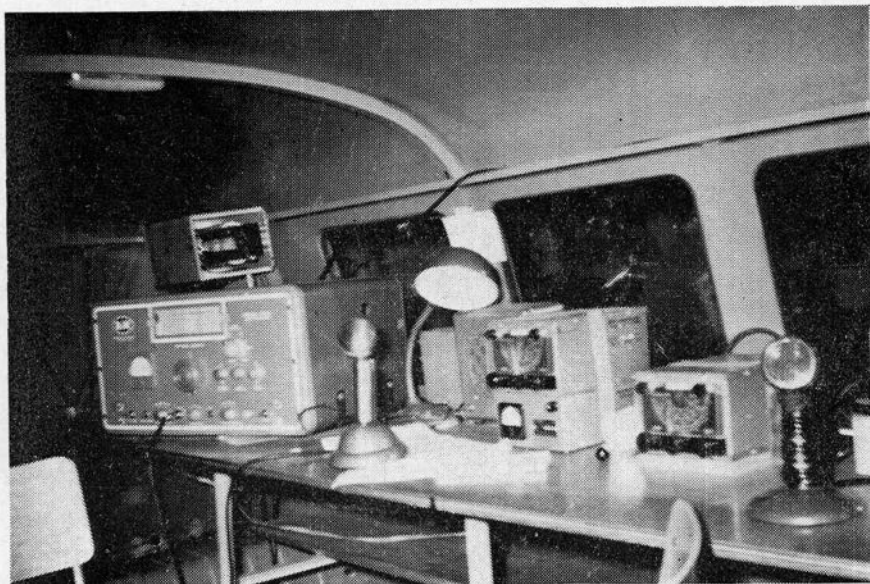
Maynard, VE5GT

All the more reason the rest of us Natives should hear more about this "Heaven" Maynard! de VE7JB.



What's inside? You have every reason to be proud of such a fine installation Maynard. 40 Watts—Home Brew—All Band!

# Civil Defence in Saskatoon



Two views of part of the Civil Defence mobile section—A very efficient looking set-up indeed. This equipment operates under the call, VE5CD— Looks like Civil Defence, Dot and Hams, have the situation well in hand in Saskatoon.



# Saskatoon Amateur Radio Club

A Report by the Club Secretary, Don Hunter, VE5HQ



Don Hunter, VE5HQ, Secretary-Treasurer

The Saskatoon Amateur Radio Club was formed April 7, 1931. The original 8 members were Tom Webb, Fred Farmer, Bert Tash, Tom Van Nes, Fred Shunaman, Jeff Bartlett, MacFarland and Smith.

At this organization meeting, the Constitution, Aims and Purposes were drawn up, and also four names were proposed for

membership, which included Harold Horn, Allan Chesworth, Aaron Vogel and Lloyd Green, to make a total at this first meeting of 12.

In the early days, meetings were held twice a month at different member's homes.

Even in these early days some of the pro-



The S.A.R.C.'s president for the past two years, Paul Abriel, VE5PI



Another hard worker for the club is Ralph Gillespie, VE5RL

blems that the Ham had to deal with were B.C.I. and getting classes going for prospective new amateurs.

In these early days too, they also had to contend with the odd person using a bootleg transmitter and using a call sign of a legitimate amateur.

Saskatchewan Hams were VE4's until after the war in 1945 when the districts were re-organized and Saskatchewan became VE5Land.

One member around when the Club was reorganized after the last war is Sid Young, VE5AJ — and still an active mem-

ber of the Club and an active Ham.

The present Officers of the Club are Paul Abriel, VE5PI, President; Don Hunter, VE5HQ, Sec. Treasurer; Eric Crowther, VE5CF, Vice-President; and an Executive of members including VE5AM, Jerry Kernan; and VE5MI, Mike Didur.

In Saskatoon to date we have approximately 72 licenced Hams with about 24 turning out to monthly meetings.

We have quite a number of newly licenced amateurs in town and prospects for an even more active Club are very good.

## Mel Mills, VE5QC Is VE5 Land's CAM Correspondent

In every province visited by The Canadian Amateur Magazine, amateurs have gone to a great deal of trouble to guarantee their province would be suitably represented in the New Canadian National Amateur Radio Journal. Saskatchewan has proven to be no exception.

Mel Mills, VE5QC, has done a terrific job of gathering material and pictures of outstanding Saskatchewan Amateurs.

It is with great pleasure that C.A.M. accepts your offer of VE5 Correspondent Mel. All interested parties are advised to contact Mel through Box 801, Saskatoon.

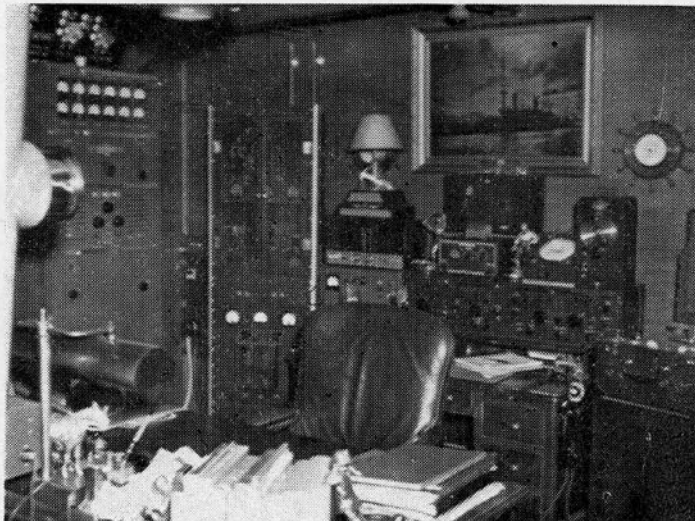
DeVE7JB



The Canadian Amateur—August, 1959. 11

# Carl Brawn

## W7HRV



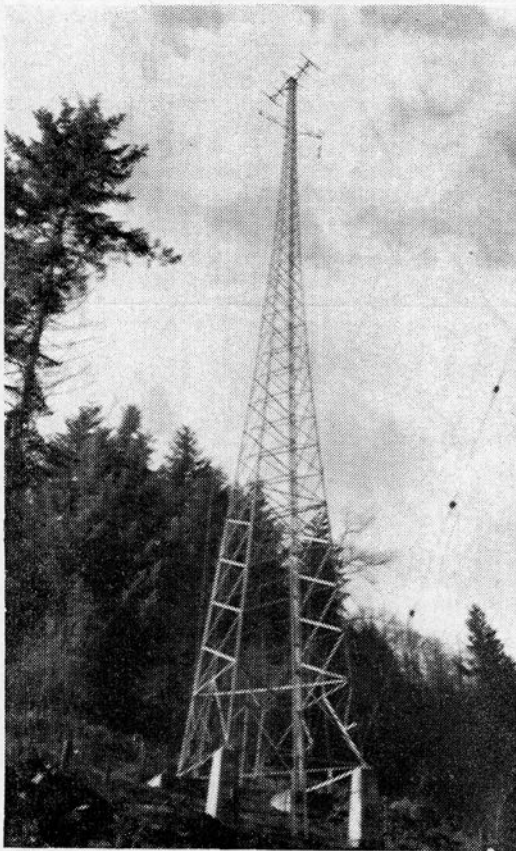
W7HRV's "not home," as usual!

Your shaky old editor has been on top of some pretty nice towers, but this one in Oregon City just about wins the crocheted bicycle! Carl, W7HRV, uses this to put his signal into the most remote parts of the earth . . . IF . . . he isn't already there himself! One of these fine days Carl is going to settle down and stay home for awhile. Then he can expect to have a steady stream of awe-struck visitors, viewing one of the most unusual Amateur radio installations in the world to-day!

Any of you who have been fortunate enough to see "SS Hippy Dip", if you were extra lucky and managed to get in on a personally conducted tour by the "Captain", I'll wager you came away talking to yourself! Being able to take advantage of the several invitations to visit Carl and his gracious XYL, on our trip to "Expedition San Jose" was certainly a high-light of the trip. Incidentally, George, VE7ALE, was taking no chances on me not getting to the convention . . . he stood at the bottom of the tower, holding a sack . . . he said if the worse came to the worst he would guarantee to pick up the bits and pieces and head south regardless. Good old George.

## Correction . . .

An omission in the Text of Ross Carruthers July article, "Engineering vs. Antennas" brings this correction . . . Page 27, "Review of Facts," the last sentence should read—As an antenna is placed higher above the earth the impedance CHANGE becomes less and less. Ross promises some highly interesting articles — See them in your C.A.M.



Visiting amateurs—Be sure to see the view from the top of this!!

# The True Amateur Spirit

Submitted by Dave Gordon, VE5AG.

It all started after a course in Civil Defense communications last fall when a number of graduates expressed a keen interest in Amateur Radio. Our far-seeing R.I., Heddle Sinclair, VE5FY, thought it would be a good idea to get them started on the right foot, so he persuaded Bill Parker, VE5CU, to form a class to coach the fellows to exam level . . . (Who says aren't human?)

Bill dove into the task with such fervor that within three months the original class of five had swollen to an enthusiastic twenty. For five months Bill spent each Friday night patiently explaining, re-



Bill Parker, VE5CU Mobile and  
2-Element Tri-Band

explaining, answering questions, and reviewing until the necessary theory was finally ground into sometimes thick heads. Theory sounds like grim stuff to slug through, but not so in this class, thanks to the use of films and special lectures to supplement regular class work.

As for the code, his work didn't end with a weekly speed and accuracy test each Friday night, but consisted of at least a half hour of on the air practice transmissions on ten meters Saturday and Sundays. The week was filled out by practice transmissions Monday, Tuesday and Thursday through the kind efforts of Bob Smith, VE5BQ.

As the target date for mass examination approached, each member of the class was invited to Bill's hamshack for an actual on-the-air QSO to work off the top nervousness before the big day.

Finally the moment arrived and I doubt if any of the candidates were as nervous as 5CU. The results—fourteen new VE5's for you fellows to QSO. The others? Well they may realize that you can't afford to miss very many lectures, and they, along with many other prospective Amateurs, are hopefully watching for a repeat performance this fall.

As for Bill and Bob, well our hats are off to them. I'm sure all will agree that it's people like them who make Amateur Radio the greatest hobby ever.

Ed. Note: Amateurs the world over will be a bit prouder after learning about Bill and his wonderful work. Thanks a million Dave for giving C.A.M. the privilege of introducing Bill Parker, VE5CU.

## Mel, VE5QC Breaks News to Dave Gordon

I had just switched a 30 second break between net shows at CFQC-TV. Settling back to read the newly arrived issue of the "Canadian Amateur", when I turned to the center page and read . . . Contest over, Dave Gordon, VE5AG, shure Dave Gordon is VE5AG I thought . . . "WHAAAAA !!!

I dashed madly for the phone, fumbled the numbers . . . no answer. Again . . . no answer, again . . . Finally an answer!

"Hello Dave, busy?" I asked casual like. "No, just called a CQ, just a sec." The pause gave me time to get back to earth. "Couldn't hear an answer," Dave came back. "Say Dave wasn't there some contest or something in The Canadian Amateur with a prize of a RME receiver or something, worth about \$350.00? "Yeh, come to think of it there was Mel, why?" "Oh nothing, just thought I'd tell you that you own that RME now Dave," I said matter of factly. "Yeah, well that's a nice recei . . . WHAT DID YOU SAY?" "I said you've won the contest Dave, congrats . . ." "No! No! No!, your kidding," gasped Dave.

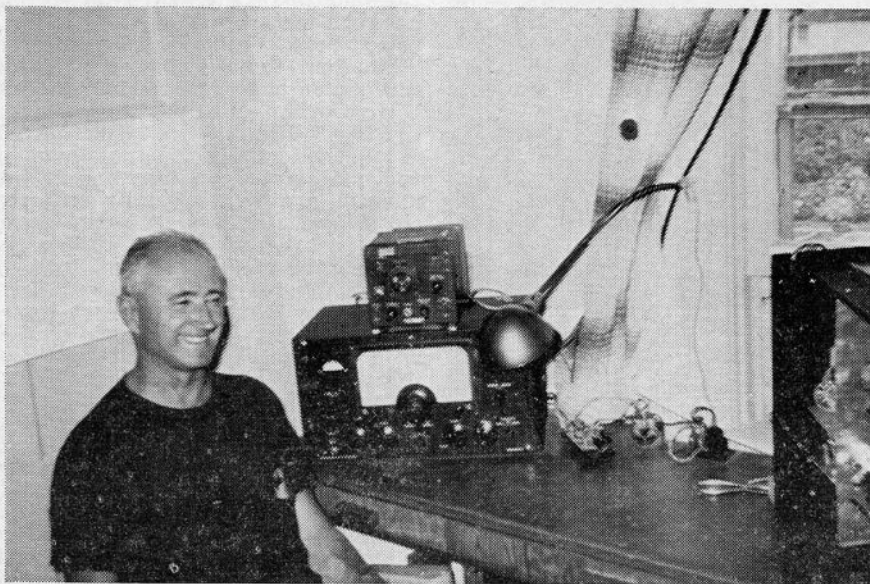
Only after I had read Dave some of his own letter did I convince him that maybe I wasn't kidding. Suddenly he bellered, "I will be right down." Click went the receiver and the line was dead. I checked it a couple of times and turned around moments later just in time to see Dave come in the door, take a quick look at the magazine and let out a holler that threw our clocks 8 seconds out of sync. So that is how the much deserving VE5AG, Dave Gordon received the good tidings.

Mel, VE5QC

# Meet Sidney and Amy Young



Wonderful fake photography! ! A happy, contented couple snapped on the "wide open prairie" — VE5AJ and XYL Amy



"Ever see a happier, better looking guy, gang?"

VE5AJ, Saskatoon. Sid as he is known to his many friends, both on the air and off the air, is a very outstanding ham. He received his amateur ticket in 1925, in Victoria, B.C. His call was 5AJ, the letters VE before the call were not used at that time. He was using very low power at that time, only one and a half watts.

After one year, he took a trip to New

Zealand at the request of some of his ham friends there. He spent about a year there and on his return to Victoria, B.C. he was very soon on the move again to Powell River, B.C., Churchill, Manitoba and then to Nova Scotia and on to Hudson Straits in the Arctic. While here he held the call NC5AJ.

Returning to Canso, Nova Scotia, Sid



joined the ranks of the Department of Marine and Fisheries, now known as the Department of Transport; he joined the ranks of matrimony while at Canso, Nova Scotia, for it was there he met his XYL, Amy, who was a commercial operator for West Union Telegraphs in the Maratimes.

Sid states that in all his travels he never saw any place that was so good for DX as that of Canso, Nova Scotia. It was quite common to work New Zealand and Australia in the afternoon with very low power.

While Sid was located in the various parts of Canada, he held the following calls; VE1EO, VE2NS, VE3AVT, VE4ZB and now of course VE5AJ.

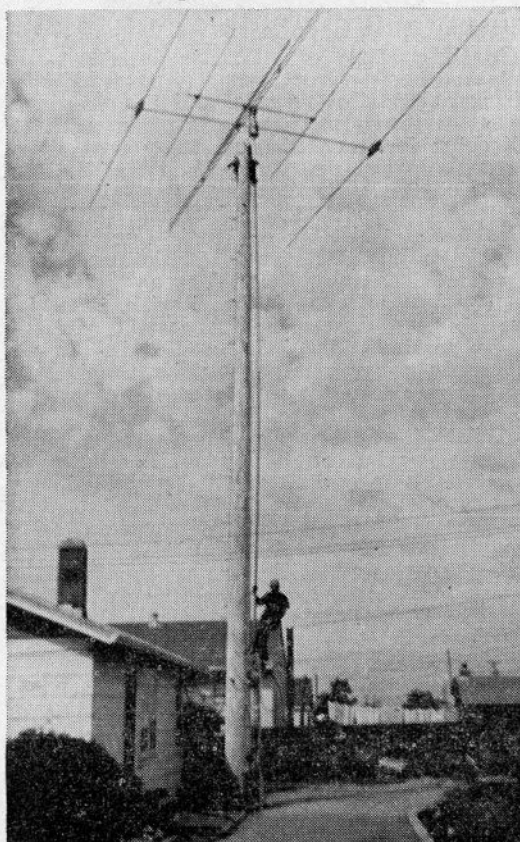
Sid is pretty much a CW Ham but his rig is also a very fine phone job and is all home brewed.

Sid's pet hobby is antennas and is strictly sold solid that you must have a separate antenna for each band. His 10 and 20 meter antennas are the envy of a lot of the Saskatoon and Saskatchewan gang as they consist of a 10 over 20 Hammond mounted on a power pole, 50 feet in the air. So fellows, if you ever want to discuss antennas by all means get in touch with VE5AJ. Sid, Saskatoon.

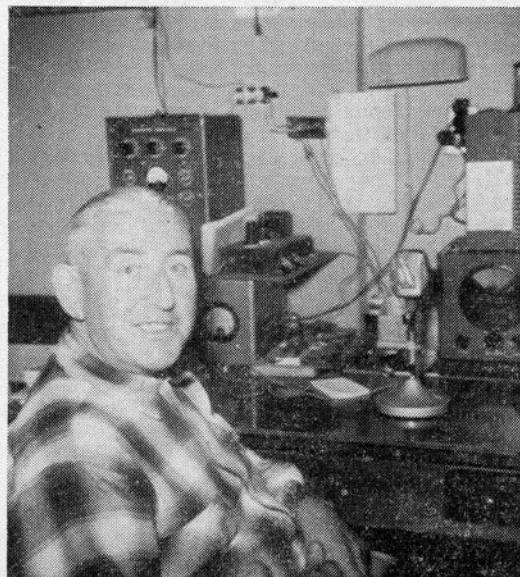
Presently Sid is the Officer in charge at the Saskatoon Airport, Aeradio Department of Transport.



5AJ's "Street Light Dimmer Outer"



Sid's Electron Squirter Outer



CARL O'BRIEN, VE5OB

Carl tells us about his old friend 5AJ—now Sid, it's your turn!

# Harold Horn, VE5HR Reports on the Saskatchewan Amateur Radio League



Harold, VE5HR is one of the consistently strong boys heard on the West Coast.

Over the years there have been many amateurs come and go that have, in one way or another, done much for his fellow hobbyist. One of these men was the late Steve Tomecko, VE5GI from Lipton, Sask.

Steve was a great organizer and when there was work to be done along these lines he could be counted on for assistance.

During the winter months of 1951-52 there was considerable talk on the bands of the formation of a Saskatchewan amateur body. In the spring of 1952 Steve called upon a few amateurs throughout the province and a meeting was held in Saskatoon. Out of this meeting was born the Saskatchewan Amateur Radio League.

Those attending the meeting were, T.M. English, VE5TE (now VE4TE); Lionel O'Byrne, VE5LU; Steve Tomecko, VE5GI; Don Shelton, VE5FG; Hal Horn, VE5HR; Archie McDonald, VE5BY and Len Heslip, VE5WH.

The aim of the S.A.R.L. was—A co-operative membership to promote and foster the welfare of amateur experimental radio stations.

After a lengthy meeting a constitution was drawn up. It was decided to have the League made an incorporated society and this was done. Charter officers were Honorary Pres. Carl O'Brien, VE5OB; President, Lionel O'Byrne, VE5LU; Vice-President, T.M. English, VE5TE, Secretary Treasurer, Steve Tomecko, VE5GI; five directors were chosen with terms ranging

from one to three years, and the province was divided into five districts with a director for each district. They were District 1, Weyburn, Don Shelton, VE5FG; District 2, Swift Current, Emil Melhoff, VE5JG; District 3, Hal Horn, VE5HR; Saskatoon; District 4, Duff, Len Heslip, VE5WH; and District 5, Kinistino Sask., Archie McDonald, VE5BV.

The league was affiliated with A.R.R.L. and put on drives for increased membership in both S.A.R.L. and A.R.R.L. A monthly paper was put out by the league and carried notes of interest from the amateurs in the province.

With the untimely passing of Steve, the league carried on but with less enthusiasm as before and gradually joined the ranks of the inactive.

Now with the advent of amateur calls on license plates the S.A.R.L. is being reactivated and a drive for membership in under way. Along with this drive is a survey being taken among all amateurs throughout the province obtaining their views on the idea of having license plates from call letters. The results of this have not as yet been made but should be known before long.

A representative group met with provincial government and license officials and a decision will be known we hope in time for the next license plate issue.

Meetings of the S.A.R.L. are usually  
(Continued on Page 38)



# The YL Page

By Lois Gillespie, VE7AUF



Our warm greetings to Saskatchewan, the Wheat Province; While Saskatchewan is another Province we have only "met in passing", we have enjoyed many a fine QSO with hams from that part of our country, and many Saskatchewanites have come to live on the coast, bringing with them that warm friendliness and neighbourliness that is a Prairie tradition.

There are ten licenced YLs in Saskatchewan, and we will let one of the best known of the group tell you about them. Madolyn was away when my letter arrived, and she found it awaiting her on her return, but five hours later a reply was on the way; Many thanks for your wonderful co-operation, Madolyn, and we are looking forward to more VE5 YL news from you. We hope, too, that the others will take the hint and let us hear about their ham life.

Greetings to all from Saskatchewan, if a YL may take a few minutes away from the kitchen. It is regrettable that Lois' letter arrived too late to contact all the YLs from the Wheat Province. However, it is hoped that each gal whose name appears on this page will write a thumbnail sketch of herself and help Lois make this the most interesting page in the magazine. (For the YLs at any rate.)

Wherever you find an Amateur Radio net, Field day, ARRL meeting, Hamfest, Lecture or what-have-you, there you will find the VE5 YL working right along with her male counterpart—they make darn good coffee too. No Saskatchewan news item would be complete without mentioning two public spirited girls who were very well known in the past. Remember Ethel, VE5CD at Rosetown and VE5IJ, Elma at Summerberry? Ethel is VE6RP and will soon be heard from Edmonton. Elma is VE3DLL, Simcoe, Ont.

There are ten licensed YL operators in the Province at the present time. Holding top honors for C.W. is Ebba, VE5DZ, of Colonsay. Ebba can brass-pound with the best of them. She was runner-up in the C.W. contest at a recent hamfest and is listed in every ARRL contest. She is the mother of eight very fine children and a teacher by profession. (Wonder if our YL hater can top that one? Hi; Hi;)

Other C.W. operators of note are Alma, VE5MC of Lac LaRonge and June, VE5YY of Weyburn. A newcomer to the airways is Sylvia, VE5IW of Whittone. No news about Grace, VE5GV of Mazonod. How about a letter Grace?

Flo, VE5FL of Saskatoon will be re-

membered by many ten meter boys and girls throughout Canada and United States. Flo has given up operating for the present and is active in an electric organ club. Her OM, VE5RJ is no mean musician. Hope to see both Flo and Ron back on the air again soon.

VE5WS, Wilma of Surbitan, may be around the bands but hasn't been heard here for a long time. Wilma can hold her own on C.W. and is one of the sharpest little traffic handlers in the country.

VE5s oldest (not by age) YL operator is Josie, VE5QB of Glenavon. Josie has had a very colorful career in ham radio dating back to the hungry thirties when she and her brother wrought miracles out of hay-wire, and I do mean hay-wire. Let us have your story, Josie.

Me? VE5YF with the red face. Well, anyway girls, don't write Lois a personal letter unless you want to see it in print. Lois wants to know about awards etc. Mine? Public Service Award for the Sask. Snowstorm, May 3rd, 1955 and, you guessed it, Rag Chewers Club.

Best 33,

Madolyn

## X equals - Y?

The perennial question of female operator designation comes to the fore again. Every so often someone becomes irked by and wonders how they came into being, the inaccuracy of the terms in present use, and why something is not done about them.

We will have to admit that the present terms are a bit confusing. "YL" is generally accepted to mean a licenced female operator, but there is no question that the term "XYL" is ambiguous. OMs use it in referring to their wives, whether licenced or not, but it is also used quite often to designate a married woman operator. In order to make the facts quite plain, OMs occasionally explain that their XYL is also a YL, while a YL sometimes makes her married status clear by stating that she is also an XYL. And what about the batchelor OM's girl friend? Should she be referred to as "the YL"? We hear that at times, too.

Actually, the use of "XYL" is illogical, whatever the meaning implied. Assuming that it derives from the expression "ex-YL", which is generally understood to be the case, it can only mean someone is no longer a YL. If by "YL" is meant a licenced woman operator, then an "XYL" is one who was licenced at one time, but is no

longer. Of course, if "YL" is intended to mean simply a "young lady", with no ham connotation, then "XYL" could mean a married woman—with no reference to her married status—but then the term, "YL", as used by radio amateurs, loses its significances;

All this ambiguity can not be excused by tradition, either, as we have been told that the original term for a married woman operator was "YF". We think this is a pretty good term, ourselves, and it is shorter than "XYL", although it bears more resemblance to "wife" than to "radio operator";

So—what should we do? Ignore logic, mingle current usage with tradition, and use "YL" for a single lady operator, "XYL" for a married operator and resort to "YF" to designate "just a wife"? Or leave "XYL" to the "wife" status, which it occupies now to a great extent anyway, and return to "YF" to designate a married YL? Or—let "YL" mean any licenced lady operator, single or married, use "XYL" for an unlicenced wife only, and "keep them guessing"; Perhaps it would be simpler to invent a new combination of letters altogether; We would like to receive some ideas on the subject from our readers, whether YLs, XYLs, YFs or OMs.

That still leaves the bachelor's girl friends unprovided for. But we think the bachelors will just have to look after that themselves. After all, if they insist on going their own independent way, they ought to be willing to put up with a few inconveniences—even such a major one as pronouncing or spelling a word in full instead of using initials ! ! !

#### ADVANCING . . .

Congratulations to Jeanne, VE3DKY, on obtaining her Advanced Amateur License. Now Jeanne can explore other bands besides ten meters in her pursuit of the DX that she finds so enjoyable!

Jeanne lives in Agincourt, Ontario, and



Jeanne, VE3DKY, has so many certificates that there is hardly room for a QSL in the picture. This attractive YL works 10, 15, 20, and would be glad to provide a YL contact.

she received her Advanced License on June 16th. Jeanne has been hamming since October 1955, and already, as you can see from the picture elsewhere on this page, she has acquired an imposing array of certificates.

By December, 1957, Jeanne had obtained her DXCC—the first VE YL to do so—and she has never looked back! Since then, her DX activities have earned a DUF No. 4, WAE III, WBE, WASM, WAC, WAS, YL DX 25, WACYL, plus BERTA, confirmed but not yet applied for.

Jeanne now has 202 confirmed, 213 worked for her DXCC, and needs only JT1AA for WAZ. We hope that last elusive QSL soon arrives. Jeanne is also a member of ARRL and YLRL.

Jeanne complains that she has six lazy brothers who are not members of the ham fraternity, but her father is VE3DRK, her brother-in-law is VE3CTG, and her OM is VE3DIF. She says she and her OM have a wonderful time with radio, and only rarely want the rig at the same time. The OM is the builder, but Jeanne has done a bit of construction, too—enough to learn that the best-laid plans and best-constructed work gang aft agley!

They use a KWS-1, with a 75-A-4 receiver and a tri-band Quad for ten, fifteen and twenty meters. It is a hair-raiser in the wind, Jeanne admits, but it is a really FB DX antenna, and she loves it. For 75 meters they use a vertical antenna—mainly for their weekly skeds with "Grandpa" up at North Bay.

Jeanne and the OM have three children, Rosanna, aged 9, Ron aged 7, and Richard, who is a four year old. She is a nurse and the OM is a Doctor. This has proved very useful, as they have been unfortunate enough to have had quite a bit of illness in the family recently—almost enough to pay for their medical education expenses in doctors' and nurses' fees! We hope everybody is fully recovered and well now, Jeanne.

Look for Jeanne and her OM on 10, 15, and 20—you will probably hear her working a rare DX, but we think she would be happy to let one slip in order to talk to another YL (if the DX is not TOO rare, that is!). Many thanks, Jeanne, and good luck on that WAZ.

#### ACROSS THE LINE ! ! !

#### STORK FOLLOWS SHOWERS

You will remember our telling you about the baby shower held by the Camellia City Chirps on the forty-meter band recently in honour of ZONA, K6. Zona's latest harmonic arrived June 10th, and her name is Terri Lynn. Just eight days later, Terri Lynn made her first transmission—on the "Chirps" net. Unfortunately, we have no record of these Famous First Words!

#### ASSISTANT TO THE PRESIDENT?

The stork brought another little har-

monic—this time to Kay, W4BLR. Sharon Faye arrived June 7th. Kay is president of YLRL (Young Ladies Radio League, an affiliate of ARRL). Our best wishes and congratulations to you, Kay.

**C W HAMM** is the full name of Charlotte, W9UNY, according to YL HARMONICS. Charlotte's OM's initials are also C.W., so, with two CW Hamms in the family it is no wonder that her whole family is now licensed—except for the budgie, which does call CQ, we are told, but is having trouble with the code and theory. Incidentally, there is another CW Hamm—W4NYX—who is not related to Charlotte or her OM (W6DWH). They are now offering a certificate: WACWH, for Worked All C W Hamms!

## "The XYL's Place Is in the Kitchen"

Yes, I remember making that sked—  
A quarter to nine, I think we said.  
But right then, somebody came to the door,  
Peddling polishes for the floor;  
And while I was trying to say to him nay,  
The 'phone started ringing (it rings all  
day!)  
And so, by the time I got on the air,  
You were working a DX from goodness  
knows where!

When I made that sked for a quarter to  
eight,  
I was certain nothing would make me late.  
But the youngsters were up and around by  
then,  
Just when I'd hoped they would sleep 'till  
ten!  
Clamouring and fussing and being so bad,  
The QRM was driving me mad!  
And so, by the time they were quietened  
down,  
You were working a local across the town.

At six AM, with the family in bed,  
I was sure I'd be able to keep my sked—  
But the OM made plans to go fishing, and  
so  
He was up at five-thirty, all raring to go!  
With his breakfast to get and his lunch to  
prepare,  
It was hopeless to try to get on the air.  
By the time I called you, THAT sked to  
keep,  
I think you had got weary and gone back  
to sleep!

I think I'll put barbed wire around the  
door;  
I won't pay the telephone bill any more.  
The children, I'll farm out to cousins and  
aunts;  
The OM can transfer to Spain or to France.  
Then, with nothing to do, I can ham all  
day,  
And keep every sked that comes my way.  
The only thing is—how lonesome I'll be,  
When there's no one around to bother me!

## TOWN OF GOPHER GULCH ALBERTA

At a meeting of the Mayor and Council  
held in the overnight cells of the R.C.M.P.,  
the appointment of

**JOHN H. BROWN**

To the office of  
**SUPERVISOR OF COMMUNICATIONS  
AND DEPUTY SHERIFF**

Was approved. Tom Ahearn, VE6RZ  
Mayor.

Dear John:—

Having had a subscription to your delightful magazine since its inception, I now feel moved to show my appreciation by way of a letter.

It was a week ago that our Deputy Sherrifs had a meeting at a Calgary hotel which, due to the nature of its undercover aspect, was publicly labelled a "Hamfest", and at which I can assure you "The Canadian Amateur" was spoken of in the most flattering terms. We had Hams from many parts of Canada plus a good representation of our friends from W-Land. All in all it was a great success.

And now about the enclosed card which I am sending you:

The fictitious "Town of Gopher Gulch" was born of a QSO which took place about 9 years ago between VE6LT, 6RJ and 6rz (I modestly put myself in lower case!) It was quite a joke at the time and nothing was thought of it, but then it wouldn't die. The Calgary Hams saw to that, so I said to myself "if you can't beat it, promote it" and cards were printed attesting to the bearer as Deputy Sherrif. Well, the Outsiders (i.e. Non-Hams) wanted to get into the act, so it was decided that this being the corrupt organization such as it is, they would have to bribe the Mayor with one liquid 807 in order to obtain a card. The result is that we now have Deputies practically all over the world . . . and the Mayor has been up to his neck in 807's Br-r-r-r-r! The Administration of the town is monstrously inefficient. Take for example, the time in 1954 that we sent a posse down to Las Vegas in order to pick up a "bootleg" Station . . . They haven't been heard of since.

Well, John, enough of that . . . I just want to say keep up the good work with "The Canadian Amateur".

So with a cheery nod to the Ham Fraternity and Sorority, I remain

Yours Sincerely,  
Tom Ahearn, VE6RZ  
Mayor of Gopher Gulch

Dear Mayor:

It is with the deepest gratitude I accept the great honor you have seen fit to bestow on me. If my efforts so far justify such recognition . . . Another six months could see me running for Mayor. DeVE7JB

# NORTOWN AMATEUR

## FIELD

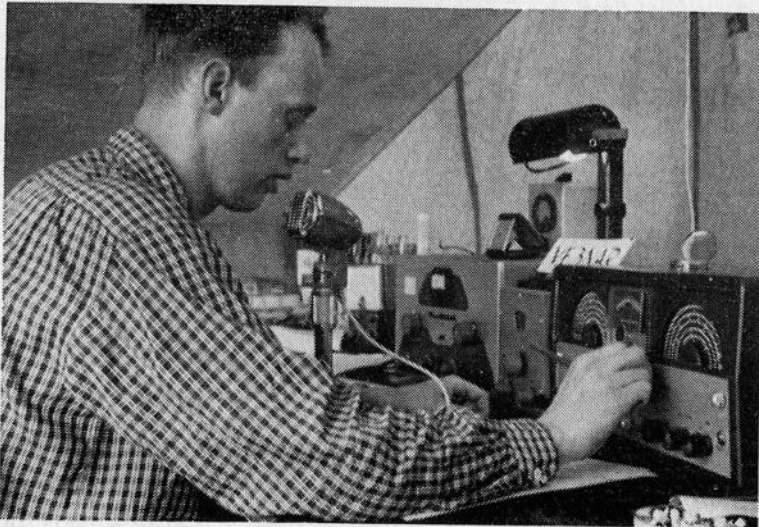
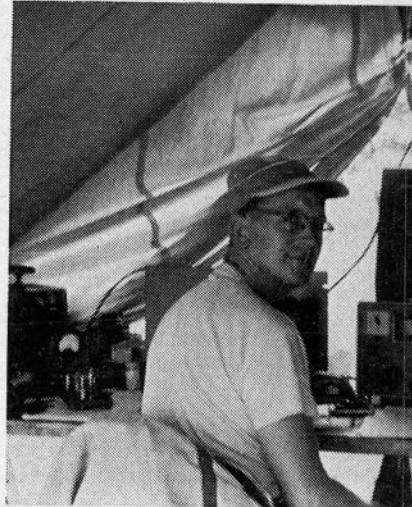


TOP LEFT—

BOB—VE3BXF ON 20 C.W. Receiver is Collins 75A4  
Transmitter, Viking II and Dipole Antenna

CENTRE—BOB, VE3CMR. 80 C.W.

BOTTOM LEFT—DAVE, VE3DAS. 15 FONE



Please find enclosed several pictures of the Nortown Amateur Radio Club of Toronto field day activities. Pertinent information on the back of each photo. All we had rigs on 80, 40, 20, 15 cw and 40, 20, 15, 10, 6 and 2 'phone.

We ran up a pretty good score this year in spite of one or two mishaps such as being very tired of catching a few guy wires on his car bumper at 2 a.m. Sunday morning and driving away, thus putting 75 meters off the air for about half an hour.

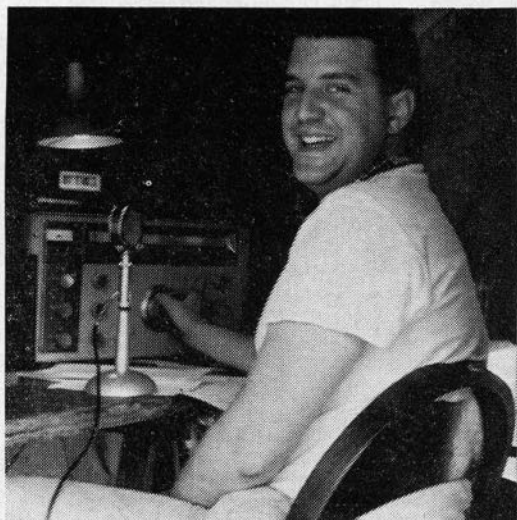
# EUR RADIO CLUB

## D DAY

of until their antenna could be put up again!  
Cr- It also threw a fright into several ops  
or- who discovered their tent was moving  
in (also the victim of our early morning  
75, driver)!

ear Such things as this could only happen  
s a on a field day. To those who are unin-  
ing itiated in the ways of field day I can only  
eter say get out there next year and see how  
our much fun you've been missing.

73.  
Bill Cosburn, VE3BUU

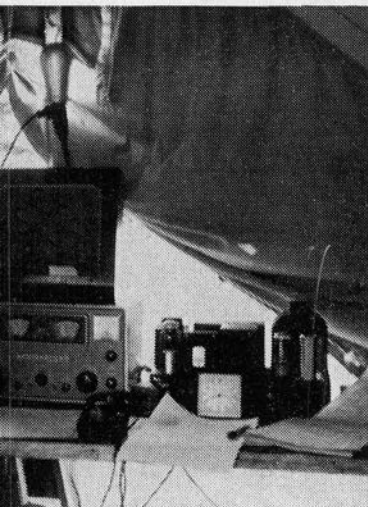


TOP RIGHT—MIKE, VE3EGM. 75 FONE

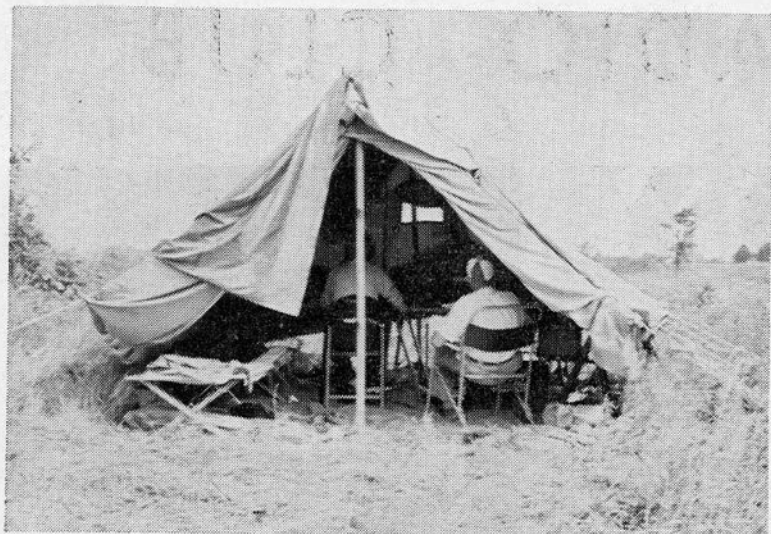
BOTTOM CENTRE—HARRY, VE3CIO  
Antenna is 40 Meter Folded Dipole

### BOTTOM RIGHT—

Left—AL, VE3DNK. Right—RON, VE3EBD  
6 and 2 Meters. Receiver is Collins 75A4  
Transmitter is 6 and 2 Meter Seneca

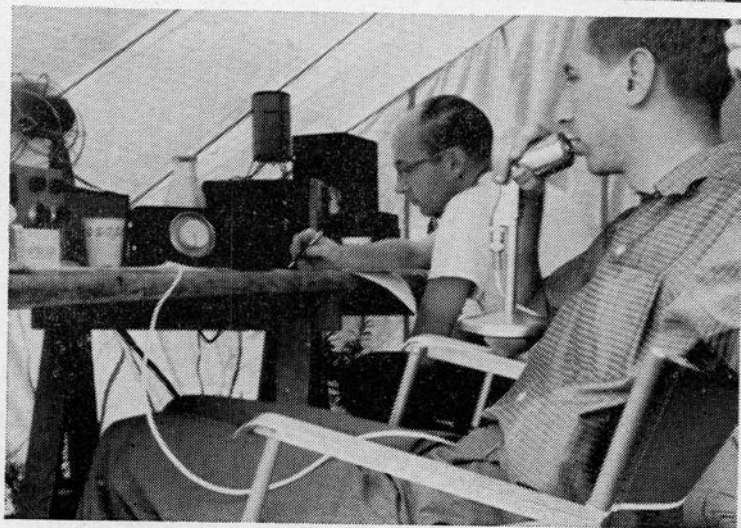


9 3 5 3



Left—BILL, VE3DDU  
operating and VE3BXF  
logging in 20 CW tent.

BILL—VE3AD. 40 CW  
Dipole Antenna.



MARTY, VE3MR—20  
Meter Fone. Rig is  
KWM-1 (SSB). Ant.  
is 2-element beam.

That's a "Ranger" in  
background for AM  
Fone but it wasn't  
used.



# "Way Back When"

By Paul W. Abriel, VE5PI—Another Old Timer

"Come on Charlie. (FD), it's time for breakfast, and hurry or you will be late for school again. You wouldn't have so much trouble getting up in the morning if you would go to bed at a decent time instead of fooling around with that radio thing until all hours of the night."

"Yes, mother I'm coming."

"I seem to have mislaid the Quaker Oats so you will have to satisfied with toast this morning."

"Oh, I forgot to tell you. I dumped them out into that large bowl. I needed the round box to wind a radio tuning coil."

"What is this about a tuning coil? What kind of a thing is that?"

"Oh, I use it for my radio. You wind ten turns on it and take a tap off every turn, then you wind another hundred turns on it and take off a tap every ten turns. That is what you tune in a station with."

"Yes. Tune in a station! I haven't heard you tuning in any station yet."

"You will one of these days."

"Alright, Tom, (VB) get on with your breakfast."

"You know I think I got something last night. I can't be sure. Just as I thought I heard it, the cat's whisker jiggled a little bit and I lost it."

"There is the phone. It's probably for you so you might as well get it."

"Hello. Is that you Cliff? (CJ)?"

"Yea. Can you come over after school? I got a new gadget called a condenser. It makes it possible for you to tune between the turns of the coil if you get it just right. It's made of two pieces of tin with a sheet of glass between them. You pull the tin back and forth so that more or less of it is overlapping. Be sure and bring your ear phones with you. Mine haven't arrived yet."

"Well, I had better beat it to school. I'll see you there."

A little later during recess.

"Hi Ted (EE). What's new?"

"Just heard last night about a new kind of tuning coil. You take a wooden disk, and drill an odd number of holes around the edge, and stick some skewers in them and wind your wire in and out of the sticks. Then you varnish it and pull out the sticks, and take out the wooden center. They call it a pancake coil. Here comes Geof (HC). He can tell you all about it."

"Hello, Geof. Ted was telling me about that new coil. Have you tried it yet?"

"I sure have. It works great. A big improvement."

"What did you hear with it?"

"Oh, nothing, but it sure sounds as though it would be good. I think I heard a little bit of static last night."

"I think I know just the thing to use for the coil. I'll cut a couple of slices off the

end of my mother's rolling pin tonight, and wind one for myself."

"Let's all go over and see Cec (UC) tonight and see what he is doing. I hear he's got a UV200, and is really hearing something."

Later.

"Hello, Cec. Have you got your new tube yet?"

"Yea. I got it hooked up last night. I think it's going to be a great improvement."

"I'll bet it's pretty complicated, isn't it?"

"No. It just takes a six volt storage battery and a 22½ volt B battery, and you use the rest of the things we have been using right along. Oh, yes, you need a grid condenser and a grid leak, but they are not complicated. The condenser is just a couple of strips of tin foil and a couple of strips of waxed paper. You just wrap them up in alternate layers on a strip of cardboard and connect a wire up to each strip. The grid leak is just a pencil mark on the bottom of the tube between the negative filament and the grid pins."

"Come up in your room and let's see how it works."

"There it is on the table. Mother got mad at me when I used her kneading board to build it on, but she'll get over it."

"Here comes Hal (HR). I wonder what he's been doing. What's new, Hal?"

"I heard something on my radio last night. I don't know where it came from. I lost it before I could hear their call. But it must have been a long ways off. I could just barely hear it."

Well, there is a sample of what you could have heard from the originals in Saskatoon back in the early days. There were some others, but some of those have gone to the land of the Eternal DX. Others have left the Province, and still others have dropped their calls. But the ones in the above conversation are still around and still have their calls.

As time passed others joined their ranks, and built and experimented. They tried everything within reason (and a lot of things that weren't within reason), and time kept marching on. If some of the conversation sounds strange to your ears, read on. This conversation won't sound so strange.

"Oh, Darling, how good of you to send me the flowers. But what's the occasion? Am I the one who forgot our wedding anniversary this time?"

"Oh no. Nothing like that. It has just been so long since I sent you flowers that I thought it would be a good idea."

"It needs more explanation than that."

(Continued on Page 38)

# DX

DX worked from VE7JB's the last few days on 20.

Aug. 26—LA1NG/P, Jan Mayen Island station is working cw app. 14160 kc—will listen for fone, his RST at 9 a.m. PDLT 5,6,9,—my fone 5,7.

HA5KFR—Pali, Budapest, cw, his RST 5,6,8,—mine 5,6,9,—7.40 PDLT.

Aug. 27—8U1AA—Reports only his cw, 4,6,7—mine 3,6,6!

Aug. 28—JA0BD, Jun is cw app. 14075 kc, RST 5,6,7—mine 5,6,9—9.23 PDLT.

JT1AB—cw his 5,7,9—mine 5,7,9—7.05 PDLT app. 14065 kc.

Three-way UD6FA and UA3KAZ, RST 4,4,8—5,5,9—mine 5,6,9—5,6,9—14072 kc—18.04 PDLT.

Sept. 6—FP8BG, Pag, VE2ABE, is going great guns from St. Pierre. His DX-pedition sounds like a big success. His RST 5,6,9—mine 5,7,9.

Pag promises a story for the C.A.M. just as soon as he returns home.

Sept. 8—JZ0HA, Hugh is cw. His RST 5,6,9—mine 5,7,9. 0133 a.m. PDLT—QSL via W2CTN.

VK9AD, Stan tells me he will be through on Norfolk Island in about ten days. His RST 5,6,9—mine 5,7,9—0209 PDLT.

FB8XX, Roger gave me 5,6,9. He was 5,5,8. He will listen for your fone—could not find mine !!! 0938 PDLT.

Wait until I get my new Tri-bander up 80 feet—a few vitamins and a couple monkey-glands !!! De VE7JB.

P.S. Flash—Just got an airmail letter from my old buddy Cal, YA1IW—next C.A.M. will have news from Pakistan!

## SCOOP!

Maxwell Myers, W2BIB has given your C.A.M. the following wonderful news—This is only a hint of what is coming up. Watch for Mack's latest in this column.

The Vatican Amateur Radio Station, HV1CN is now completely equipped with SSB equipment—using a Hallicrafters HT-32 and a HT-33 for the RF Amplifier. The receiver is a Hallicrafters SX-101-Mark III. Domeneco of HV1CN will be active every day on 14150 KC or 14290 KC on SSB. Operations on CW will be limited to the occasions when Mack, W2BIB makes his bi-monthly visit to the Vatican and information on CW operations will be published soon. From time to time, there will be AM operations on the same frequencies but there will be a preference to SSB. Active operations on SSB with the new Hallicrafters equipment will com-

mence on September 18th, 1959. For the present, 14 mc will be used. When the Autumn and Winter conditions appear, operations will be made on 21 MC . . . All QSL cards for HV1CN should be sent to Mack at W2BIB in White Plains, New York. Information as to further developments regarding HV1CN will be published as soon as obtained from the officials at The Vatican Radio Station.

All going well, it is contemplated that HV1CN will be operative for the forthcoming DX contests. The CW phase will be handled by Larry LeKashman, W9IOP, and the phone portion will be handled by one designated by W2BIB. Further information will be published as received."

"QSO's with HV1CN by the English speaking fraternity should be limited to reports and acknowledgements, inasmuch as Domeneco's ability to converse in the English language is limited. Therefore co-operation should be maintained on this level and it is further suggested that any pressure on the part of a ham to compel English language conversation will tend to embarrass Domeneco and will create lack of QSO's with the W/VE boys as the preference from thereon in will be with the Europeans."

## SSB DX

Conditions have been very poor the past weeks, however, we noticed a little increase during the last couple of days. Activity has been far below normal. Stations which you normally could work every day disappeared below the high noise level, with once in awhile a very loud signal from an African station. Even the signals from W stations are below the normal signal strength, which is really something unusual, because conditions or no conditions, W's could be worked 24 hours a day, with just a short piece of wash-line outside the window. We had plans to make a longer SSB statement for this month, but unfortunately it will be shorter, because of the strange conditions, and of course we did not receive any dope from you fellows who may read this. If you SSB boys would have a few pages of SSB activity in your magazine, it is necessary to mail your information to us before the 28th. of each month. This means you should post it on or around the 20th. The deadline of the magazine is on the 5th. So come on and something could be built up, and make it interesting reading for all the SSB gang.

Martin, VE3MR received his QSL cards from the printer, and is making out over 5500 cards. Some of the first ones should

be in the mail by now, others will follow soon. Yes all the contacts from PZ1MR; FY7YF; VP3RO and PJ5AC will be confirmed soon. Martin got a new KWS-1 and a new Telrex beam on the air. Congrats Martin.

The lucky fellows who worked George, OK7HZ/ZA, getting the cards in. Another country confirmed for many of us. Soon the cards from OK7HZ/LZ will be posted.

OY7ML is on SSB again, and can be worked every day around 20.00 Gmt. of course that is this side of the ocean. Another OY will be coming to SSB soon.

A very active station on 20 meter is UA3EG, his mailing QTH is P.O. Box 570, Moscow.

I1ZFF/MI started operation exactly on time, and made many of us happy with a new country. Sri about the poor conditions, many well known DXers missed this one.

A new one on SSB is ZC4BE on Cyprus, and at present the only one. Jack QSL's 100% to all stations worked.

I5GN is also a very welcome new country for all the SSB boys, and of course also for the YL's and XYL's.

.PY7SC will be coming on SSB soon.

Let's not think about the QRM which will come on his frequency.

HK4AQ comes on 20 meters too during the evening hours, so if you happen to hear a Spanish speaking station, don't move your dial and keep listening for a minute, it could be a new one for you too.

If you like to try your luck on 80 meters SSB, look for EI6V, or let's try to get him to 20 meters. How about it?

Swing your beam during the evening to Europe, and there is a good chance to work VK's, ZL's, and what to say about 9M2DQ, VS1GL, VS6BE? Yes sir, that is what you can expect from that direction.

Exactly on time arrived EA9DE from Ifni, however Juan made only 1000 SSB contacts, from there they travelled to Andorra as PX1DE, and made a little over 5000 contacts. According to Juan, the WX was too cold for him, so he rushed home again. But Juan is going again, Andorra is only seven hours by car from his QTH.

More and more Canadians switching over to SSB operations, daily new ones can be worked. Congratulations boys, you sure will like it. Wishing you all success, and of course DX.

GEORGE, PJ2AA.

**CANADIAN DXCC STANDINGS AS TO JUNE 30TH, 1959**

PHONE ONLY	
249	111
VE7ZM	VE3AAZ
224	VE3TW
VE3KF	VE7MS
216	VE2BR
VE3QA	110
192	VE3KT
VE3AIU	108
184	VE3EHR
VE2WW	105
163	VE1FQ
VE5RU	*VE7YR
160	104
VE3BDB	VE3VO
150	102
VE7AIH	VE3AUJ
138	VE4RP
VE7JB	VE7HC
134	VE7SB
VE6TF	VE7IT
132	VE3RE
VE6NX	101
130	VE1DR
VE2GQ	VE2AHE
122	VE3BQP
VE1NH	100
VE7VO	VE3AOL
120	VE3MR
VE1CR	VE3IR
VE3BNG	VE1ADE
113	VE3DBY
VE5JV	*Deceased

**DISTRICT LEADERS**

VE1NH—122	VE5RU—163
VE2WW—184	VE6TF—134
VE3KF—224	VE7ZM—249
VE4RP—102	VE8—NIL
	VO—NIL

**W.A.Z. To June 30th, 1959 Inclusive**

Cert. No.	Station	Issued
11- 1	VE7ZM	1947
63- 2	VE7HC	1948
76- 3	VE4RO	1948
168- 4	VE6GD	1949
169- 5	VE7VO	1949
170- 6	VE7GI	1949
?- 7	VE3EK	1952
?- 8	VE6KW	1952
288- 9	VE7KC	1953
366-10	VE8AW	1958
399-11	VE6VK	1958
473-12	VE6NX	1958
494-13	VE3JZ	1958
495-14	VE6MN	1958
497-15	VE3DIF	1958
505-16	VE1EP	1958
556-17	VE3QD	1958
595-18	VO1DX	1958
613-19	VE1PQ	1958
632-20	VE7MD	1958
635-21	VE2WW	1958
720-22	VE7JB	1958
758-23	VE3KE	1958
944-25	VE7SB	1959
902-24	VE8PB	1959
949-26	VE5TK	1959
991-30	VE3RE	1959
973-27	VE2YU	1959
975-28	VE3BWY	1959
981-29	VE2NV	1959
991-30	VE3RE	1959
1066-31	VE7KJ	1959

**Summary by Districts**

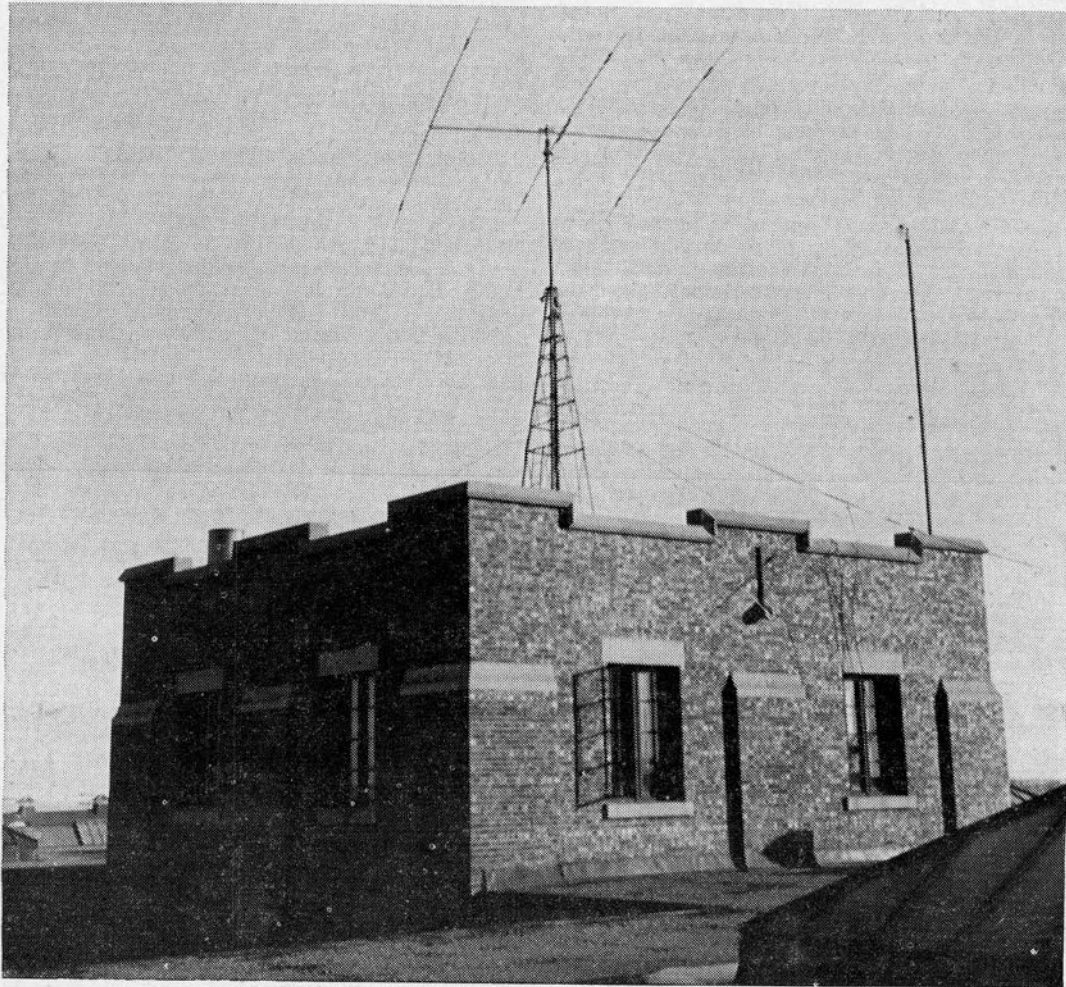
VE1—2	VE4—1	VE7—9
VE2—3	VE5—1	VE8—2
VE3—7	VE6—5	VO—1

Bill, VE7ZM, submits his Canadian DXCC and WAZ scores to date.

# University Ham Radio

UNIVERSITY OF SASKATCHEWAN, VE5US

By Eric Rawson, VE5ER

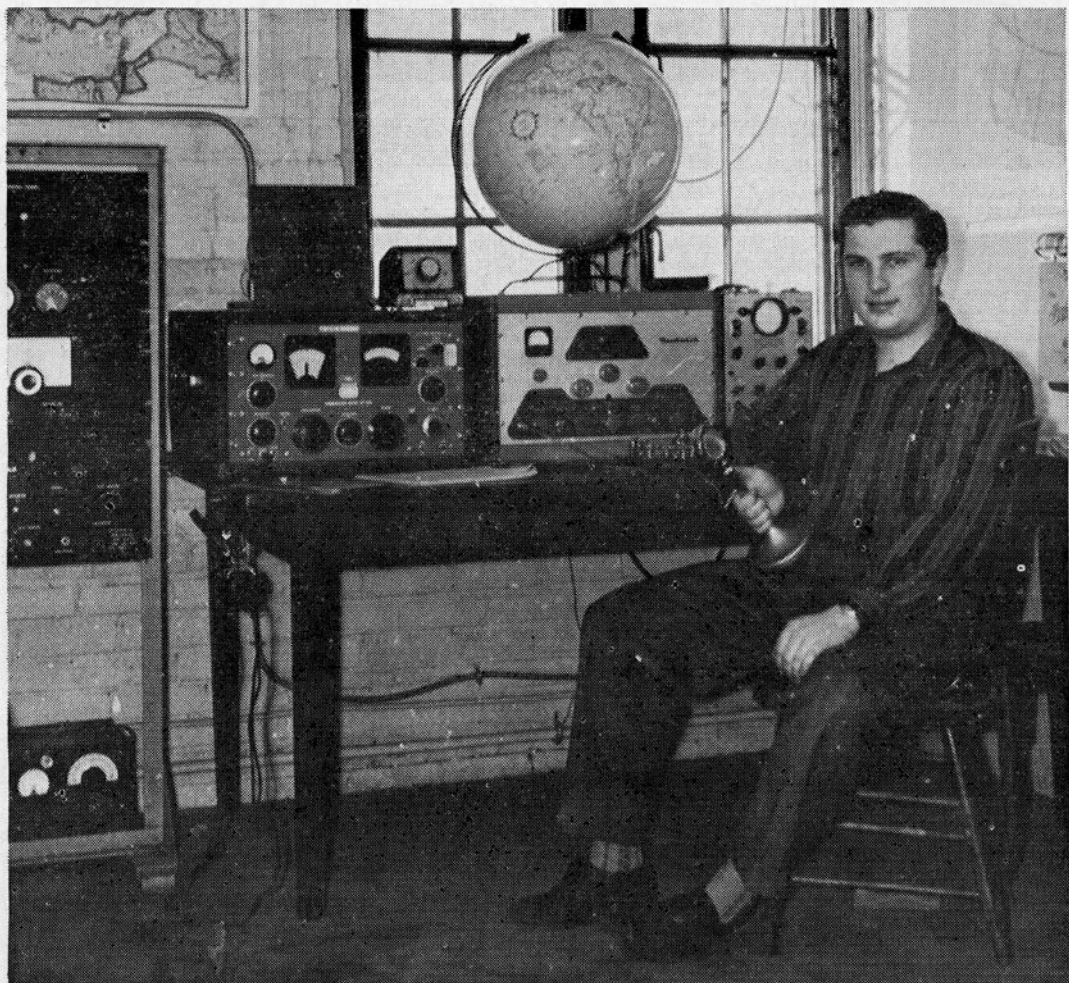


We've already had two good articles on university ham radio in the Canadian Amateur, and our story is substantially the same. So we will mention a few topics which we feel are important.

First, may we side with VE7ACS and VE6RR and say that VE5US is firmly behind the expansion of our already active university net. If there are other campus clubs who can join in, we will welcome them with open antennas. Net time has been changed to 2:30 EST Tuesday between 14.150 and 14.200. Perhaps a better time can be arranged to include new groups.

We feel that there are two fold benefits to be reaped in university ham radio. One of these is the obvious opportunity for greater contact with other university stu-

dent bodies, and the opportunity for "person to person" talks between student leaders to plan their many conventions and sports trips. The other benefit is of greater importance to amateur radio as a whole. There is a lot of talk today of the decreasing percentage of young people in amateur radio. Ken MacNichol points out in his article, "How Cheap Can Get" in February's The Canadian Amateur, that students often have many years to wait before they can afford a ham station and, becoming discouraged, they are lost to amateur radio. Ray Usher in his report on the NARC in the same issue of the Canadian Amateur observes that, "the average age of hams is well over 40 now, certainly a far cry from the high school kid whom the average person associates with ama-



**BOB SMITH, VE5BQ, all set to blast somebody—anywhere!**

teur radio." It is clear that a club station in the hands of university students for their three or four years of university training would do wonders in holding onto these people in this critical "no-cash" period.

VE5US's set up is a very fortunate one. Various student groups, convinced of the benefit to the campus of an active ham club, have financed the purchase of a DX-100 last year and a Mosley Tri-Bander Beam with rotator this year. We have a Hammarlund SP-600 receiver on loan from the physics department. To top it off, we just received an electronic TR switch and a phone patch. All we are waiting for now is for the telephone to be installed!

The shack is located in the brick "pent-house" on the roof of the Engineering building, and the beam, mounted on a windcharger tower, is about 100 feet above ground level.

Our group is small but enthusiastic. Club membership is about 15, with five licensed operators; VE5DM, VE5JK, VE5WJ, VE5ZZ and myself, VE5ER. Several of the

other club members are about ready to meet the R.I. As mentioned in an earlier article on university ham radio, intra campus chess games are a favorite activity.

A word of advice to clubs who are having trouble persuading their college to finance a station. Pick a good talker or two from your club and talk to your Student Council or its budget committee early next fall, before the budget is earmarked for other activities. Present your case, perhaps with the help of these three articles in *The Canadian Amateur*, and stress the value of the investment to the campus as a whole. We did this; we asked for a beam and a rotator, and suggested a bare minimum of \$100.00. Apparently we did a persuasive job, for all they asked was, "Would \$200.00 be enough?"

Well, that's the ham radio report from the U. of S. Let's hear from some other campuses soon, and let's expand the University Net!

73's

VE5US

# "In the City of Little Berries"

By Mel, VE5QC with much help from George Raddysh, 5GQ  
and of course, Emma, Leo's XYL

"VE5 Love Mike, in the city of little berries on the banks of the mighty Saskatchewan." So the voice of Leo, VE5LM, is heard across the ham bands some 20,000 to 30,000 times a year.

I have noticed in many of my QSO's that after I mention my QTH as Saskatoon the reply is usually like this, "I know so and so and of course Leo, 5LM." Which usually points out that Leo needs very little introduction to ham circles as he is probably one of the best known amateurs in western Canada, in fact on the North American continent. Averaging 30 QSOs a day, 12,000 QSOs a year, Leo is not just looking for contacts for he is a real dyed in the wool rag chewer, but at the same time he has racked up well over 200 countries. Phone patches are a regular occurrence with Leo helping people from all parts of this vast land of ours.

The VE5LM station is substantial although like himself modest. His pleasant "Hi's" issue forth with the help of a DX 100 and a tri band beam which newly perches like a sentinel atop his self supporting 70 foot tower. On 40 and 80 meters

is his charming wife and assistant, Emma. Leo and Emma Scherle were married on the 21st of October, 1941.

Leo A. Myer was born on September the first, 1918 in Cut Bank, Saskatchewan. His first call, VE4ANK, was issued June 20th, 1938. First DX . . . U.S.A., Mexico and England. After the war Leo operated 500 watts through a pair of 810s with the call VE5LM. From 1943 to 1949 Leo ran a radio repair shop in the Queen City, Re-



LEO, "5 Love Mike" MYER



LEO and EMMA

the sky hook is a doublet. The hearing aide located in his shack in the corner of his living room at 214 29th Street west is a 75A4. Some of the other equipment is comprised of a Gonset mobile in his car, and a 2 meter home station in conjunction with civil defense. But one of the biggest assets in Leo's shack, in fact in Leo's life

gina. Then to Denzil and the hotel business till 1954. In 1954 Leo moved to the "City of little berries", Saskatoon.

In 1942 polio struck Leo Myer activating a dormant muscular dystrophy and thus began a new phase and challenge in the life of VE5LM. Physical activity was replaced by more hamming activity with help of courage and an ever present Emma.

In December, 1957, Leo and Emma took off on a motor trip that circled the US. With his Mobile and a trailer, Leo and Emma motored to Eastern Canada, down the East coast of the States to Florida for a short stay and then West to Arizona for another short stay and then on to California with a brief detour into Mexico. The trip then continued up the west coast to B.C. and finally home. The trip took four months and covered over 12,000 miles, a gigantic undertaking for anyone! During the trip Leo made many new friends and eyeballed old friends for the first time. Many contacts were made

# The World in Your Hands for a Day

By Jon Ogden, VE3ECO

How would you like to hold the world in your hands for a day and then carry it around in your pocket for as long as you desire. Well it is possible you know. All that is necessary is that you put a little hard work into learning the Morse code and a few evenings on radio and transmitter theory and you're on your way. This month's article was originally intended to relate the final few days in Graham's and myself getting our licenses. Well instead I'm going to summarize the past few articles and just simply tell you that we did get our licenses and believe you me there were no two prouder boys in Port Arthur than Graham Peel, VE3EDC and Jon Ogden, VE3ECO. Those many seemingly endless hours of practicing the code and the many hours pouring over the theory had all been worthwhile. If I had it all to do over again, I wouldn't miss a minute of it either. It had been a long hard grind and though this might seem like bragging to some, we were proud of ourselves, damn proud.

We all have our own personal reasons for getting into ham radio. Some want a hobby, some like to meet people and not having the money to travel they take up

## In the City of Little Berries

(Continued)

including many back home to Saskatoon. On one occasion on the trip, Leo and Emma were met by two SWLs outside a small town and remained their guests for some time, not enough for the SWLs! The reception was the same everywhere . . . Hamming truly is a fraternity!

If you are looking for a pleasant QSO, information on various pieces of equipment, technical advice, the latest scuttlebutt, or just a VE5 contact, then Leo, 5LM, is your man, in fact THE man, THE ham of the prairies!!!

Amateur radio has done much for Leo Myer since his misfortune, BUT, Leo Myer has done even more for amateur radio. Truly an example for everyone.

ham radio, others fall in love with electronics from the first time they encounter it and ham radio is just a stepping stone to bigger things. There is no better stepping stone. If you want to find out if electronics is the profession for you then you'll not find any better testing grounds than ham radio. To each ham amateur radio means something. Chances are it means something different to each of us. But there is one thing common to most amateurs and that is friendliness and willingness to help the other guy when he needs help. Without the help of guys like Bill, VE3AGA and Ken, VE3ECK, Graham and I probably wouldn't have our licences yet. There is always some ham willing to lend a helping hand to those who need it, a word of encouragement to those who are feeling disheartened. Take Bill for instance, he didn't have to give up his evenings to help us get our code down pat and Ken who spent hours working on our rigs for us when we hadn't yet had enough experience to tackle the job ourselves.

If you don't want to make friends, if you don't want to meet people from other countries of the world, if you don't want an interesting as well as educational hobby then stay away from ham radio.

Ham radio can open up new worlds for you. It can turn a seemingly dull existence into a life ripe with enjoyable moments that you will never forget. You can be a good ham or you can throw caution, rules, proper operating procedure to the winds and be a lousy one. It is funny though, the latter never seem to be around for long and they don't have too many friends on the air even when they are on.

What I had hoped when I first started the series was that a few of you boys who knew someone who was trying to get into the game would pass along these articles to he or she in the hopes that it might even be a little help to them. That still is my prime purpose and if just one person finds in these articles the necessary push towards he or she getting their licence then its all been worthwhile and if not then I hope you enjoyed reading them anyway. Each article was "written in the interests of the Radio Amateurs and Experimenters of Canada" if I may quote the Candian Amateurs sub heading.

So its been a lot of fun and I hope to join you in the near future with a new series of interviews conducted with amateurs. The interviews will be taped and copied ver batem. Until then, the best of luck to all beginners and I hope you enjoyed the series.

# Ft. Churchill Amateur Radio Club - VE4CQ

By Jon Westfield, W6TBL

The Fort Churchill Amateur Radio club has about 30 members however only a handful ever comes to the meeting.

The club has a DX-100 and a Mohawk receiver that gives a pretty good station. If you have ever heard the station on, listened closely to it you will notice a lot of background noise. The club and operat-

ing room is located in the upper part of a wood working shop and we get all the noise from tools, saws and all sorts of QRN.

This July we are Participating a carnival which will last three days and it is the Rose Bowl of Churchill.

Well I hail from California, born and



Specialist 4th class, Jon Westfield, W6TBL

raised there. At the present my folks are residing in New Port Beach. I have been licensed since 57 and at radio work for many years. (Since I was 10).

I am Vice President of The Churchill Amateur Radio Club.

I am a radio repair man for the U.S. Army up here and have about 79 days left in the Army. I will be leaving Churchill in August or early part of September. We maintain all electronic equipment for test teams and quite a lot for IGY when they start firing.

Our rig up here is BC-610 and 75A3 with a Thunderbolt-Pacemaker, Hi-Gain beam and all the trimmings. We also have a RD-60/U code printer BC221 so can keep in line with DOT.

Rig at home as soon as I get there will be KWM-1, KWS-1, 2 half gallon rigs for 2 and 6 meters sky hooks, 45' VHF and 65' for tri-bander beam. I'll be operating mobile from boat, plane and car so we will have a chance to use the KWM-1.

I hope John you wont forget my faithful photographer. He stood by me all through the taking of the pictures. My photo man was Dave Weir and a swell guy did all this on his own time. So if you have room he deserves all the photo credits.

Yes JB, you might say I hope there is a hint of romance between Peggy and I. Remember, she is everything I like, Ham radio, Female, etc. etc.

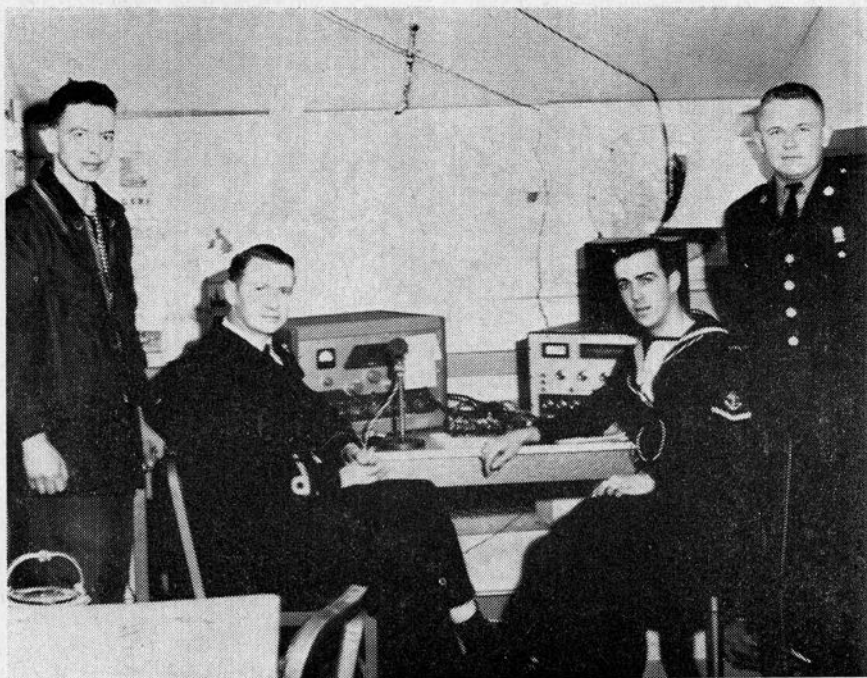
Just an added note, we had the BC-610



and a van with all the gear plus a 65' tower out at Twin Lakes for the field day. The QTH was about 20 miles south of Churchill in the tulie-weeds !!!

JB, on the K4WDB/VE4. It is assigned

to the signal officer of Washington D.C. along with AA4WDB/VE4 for the MARS people. We can't all operate MARS so all we have is membership and some used equipment.



First man on right only known by Hank. Pres. Harry Stroud, VE4HQ; Owen Frampton, secretary; Jon Westfield, W6TBL, vice-president

#### **CMD OFF Harry Stroud, VE4HQ;**

Harry is the Navy (HMCS) and is the President of our little club. He is the real backbone of the club. Harry just got us a Mohawk receiver so we all owe him quite a lot for fighting for the funds.

Harry has been licensed longer I guess than most of us up here, so we all look up to him as our "pop". Hi.

At the present he is inactive other than the club station, although soon he expects to get a rig on the air. (XYL Permitting).

At the Navy he is operations Officer and in charge of all radio operators, incoming and out going traffic.

#### **L/S Owen Frampton (Secretary of the club**

I didn't get too much about Owen due to both our work commitments, however he is with the Navy (HMCS) and is one of their top operators. Another good man at the key of VE4CQ! Owen was just elected for the secretary not to long ago.

#### **Wally Tokar, VE4BT;**

Wally and his wife has been at Churchill for some time and during the stay he has acquired a Johnson Navigator and HQ-100. He works for the DOT on a little different line. He handles all the flights out of Los Angeles over the polar route and quite a

few from Europe. Keeps them informed on the weather traffic and all that jazz.

#### **Jim Dunstan, VE5JQ;**

Hails from Winnipeg. Here with DOT and is one of those guys that listens for us hams to make a mistake. You guessed it, monitoring is his line so watch you guys who make 20 WPM because he is really tops at CW.

In his spare time he blows the insides out of eggs. This is what he had just done as yours truly walked in. Jim will only be with us a few months, then will be re-assigned to another post.

Just an added note on Jim. He went out there in the tundra with me on the field day. Good moral support and really has an arm for CW. There is where we made a good score!

#### **Rob, VE4CC (ex VP8CK)**

Rob, VE4CC (ex VP8CK) is a fugitive from the Emerald Isle. After two years in Churchill he will shortly be returning to Ottawa where he will continue to work for the Defence Research Board.

The transmitter is a DX-40 and the receiver an AR 88-D.

**Pete Beadle, VE4PR;**

Pete, VE4PR also comes from the other side of the "pond" and also works for the Defence Research Board. He designs miscellaneous electronic circuitry for the lab-

oratory here. He runs a DX-100 and an AR 88-Li.

At present he is on leave in England, investigating the Government surplus market for bargains in ham gear.



Jon Westfield, W6TBL and Wally Tokar (bottom), VE4BT

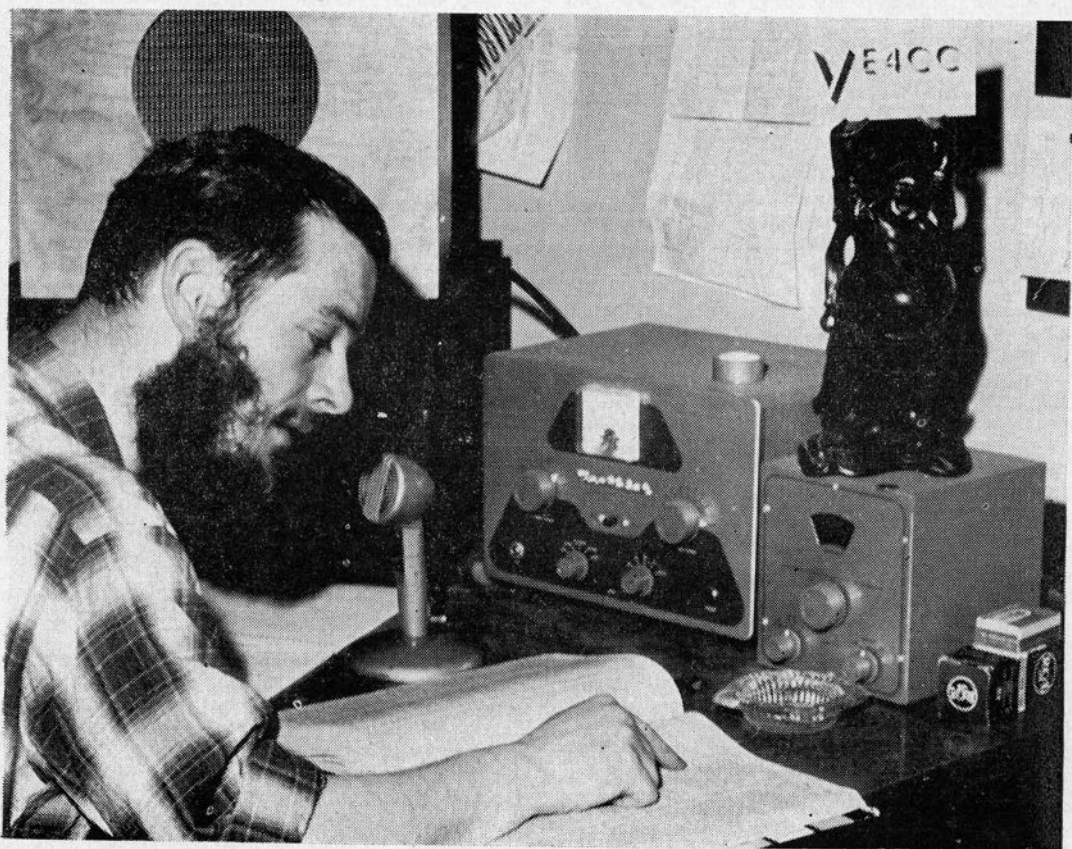


First Arctic Test Center, Fort Churchill, Manitoba  
K4WDB/VE4-AA4WDB/VE4

Left to Right—Jon Westfield and Sgt. Donald Allen, NCOIC of the shop.  
This is the Army's station at Fort Churchill



Jim Dunstan, VE5JQ



ROB, VE4CC at his home station.

# Letters to the Editor

(Continued from Page 4)

that were he not, he would not have had his transmission destroyed by the man on 'phone. The 'phone man should remember that the CW man is permitted to use the 'phone band. A VFO is for the purpose of finding a frequency that is clear of QRM. No one is compelled to give way to the other, but common courtesy demands that it be done.

Furthermore, 'phone men are prone to forget that it is possible the CW man is on CW for the simple reason that he has either (1) not completed his year on CW, or (2) he is there, quite often, because he is in a financial position that precludes his going on 'phone, which he would very much like to do. A man on a small super-annuation from some branch of the Federal Government service is seldom capable of spending money on anything, other than the basic necessities of life. For him to purchase parts for a modulator, and join with the others on voice, is just completely out of the question. He does not enjoy, in a great many cases, being married to his key.

I know one man whose wife died not long ago; who lives on a back road in the country; whose only companion is his dog; who has not a relative in Canada, and who is compelled to remain on CW, because he lacks the funds to go on 'phone. He would very much like to do so, and could easily pass the examination, but he is one of the unfortunate beings who is existing on a Civil Service superannuation. It is very doubtful that he will ever speak into a microphone, that is on a transmitter of his own. He would be delighted beyond words to be able to carry on a conversation with 'phone men. He is a man who is lonely beyond description, and were it not for the fact that some 'phone men are willing to chat with him, he would not hear a human voice very often. Dots and dashes are very impersonal to a man in such a dismal position, and very impersonal.

Therefore, let us try to keep these points in mind. We may be capable of making some fellow ham very happy. We all enjoy being happy; we need it today. To bring happiness into some person's life, and know we have done so, generally brings much pleasure to us. Tomorrow, our listener's key may be permanently silent. What a glow of pleasure we would experience if we knew we had succeeded in doing some small act that made his last days on this miserable earth a bit happier than they would have been otherwise.

Yours truly,

A. E. S. Whittaker, VE1RT.

## Emergency and Public Service Ham Operation

### WINNIPEG FLOOD . . .

When news reached us in Saskatoon that Winnipeg was experiencing flood difficulties, and that there might be communication difficulties, in a matter of minutes a complete Ham Station was set up in the Navy Barracks. A number of Amateurs volunteered their services and we stayed on the air around the clock passing traffic which was chiefly in the nature of relaying messages from East to West and back again concerning the safety of relatives. This service was continued as long as ordinary traffic channels were blocked or overloaded.

### BLIZZARD . . .

A few years ago Saskatoon was cut off completely from the outside world as a result of a severe blizzard. For a whole day or longer, all telephone, telegraph and teletype into and out of Saskatoon were cut off. Once again, several Hams with their home stations remained on the air, passing emergency traffic, receiving news dispatches, and assisting the Power Corporation locate and repair breaks in their power lines to the surrounding area.

### QUEEN'S VISIT . . .

During the recent visit of Her Majesty the St. John's Ambulance Corps set up seventeen first aid posts. Seven of these were not in immediate touch with telephones, so local Hams were again asked to fill in with communications. In case of emergencies, we would be required to contact Doctors, Ambulances and Hospitals. We were thankful that there were no serious incidents, but we were set up, prepared and ready for any emergency.

### TRAVELLER'S DAY PARADE . . .

In order to keep the Annual Parade moving smoothly, Saskatoon Hams were asked to assist the Parade Marshal. One radio equipped car moved with the head of the parade. Others were stationed along the parade route. As soon as a break was apparent in the parade, the facts were sent to the head of the column which was stopped until the gap was closed. The whole operation made the spectacle more enjoyable to the crowd along the route.

Amateur Radio has always from the earliest days, been equipped and ready to fill in with any emergency conditions and in many public service roles.

When exercises of this kind are carried out they should not be done in secret, but news releases should be given to the Press, Radio and Television Stations. In other words, let's be helpful every time we get the opportunity, and at the same time use the opportunities to enlist the interest of the Public in our interesting and helpful hobby.

Paul W. Abriel, VE5PI.

## Field Day, 1959 - VE2CB

# "The June Bugs"

We look forward to it with ever increasing relish now, with each succeeding year, as we build on our experiences of the past.

The usual two months preparation and planning was made and this year a new locale was chosen, on Cote Vertu, almost in the middle of the Island of Montreal, yet far enough from power lines or factories to make QRN from that source negligible, nice flat farm land and with hay almost to the hips. Planes to and from Dorval raised a racket at frequent intervals but did not present a major problem.

Tent and antennae sites were spotted Thursday evening, Friday evening tents were put up and power set-up installed and running in very short order. This time, the gang were not going to go hungry till midnight as they did last year. The kitchen tent went up as fast as the other two. A hungry stomach has a long memory too, not only elephants.

Saturday morning a 3 element 10 meter beam, a 2 element 20 meter beam and 2 window antennae were put up and the balance of the station set up finished. The afternoon was spent leisurely, improving and double checking all the gear. The transmitter used this year, presented an improvement over the past, when at least a dozen knobs had to be twirled every time the vfo was shifted 20 kc. Not this year—change 100 kcs. and just touch up the final control. The power input used, 30 watts for the greatest multiplier.

It was tough going, contacts being slowly and grudgingly made, with some spells of over an hour with not an entry. QRN on 40 and 20 was as heavy as this group has ever encountered. Was this again a repetition of one way skip? The author demurs with this and disputes it.

It looked as if VE2CB's goose was cooked this year and we were out of the running indeed—but good. At 8.00/9.00 a.m. the 10 and 15 meter bands opened with a vengeance, till contacts were coming in like a run of herring and at one moment the logmen yelled "For C . . . S . . . ease up, I can't keep up". Over 50% of the log were made on these two bands and about 66% on all bands during those last hours.

It was with very relieved hearts when the contest closed, that the ops. proceeded along the two well beaten and defined paths to the cook tent for the last feed bag. No more rain, no more foggy weather and pesky wild animals around the tent that you could hear and never see, no matter how fast you come out of the tent. What an eerie feeling, in the middle of the night, when you are trying to get a few winks of sleep. This deal ain't for city slickers! The food, again this year, made

up for a lot, consisting of stuffed green peppers, stuffed rolled cabbage, our annual standing rib roast of excellent beef, Irish stew, barbecued style chicken with chinese rice and shrimp, apple pie, raisin pie, chopped nut cake, tea, coffee, ice cream etc. etc. Yes sir, its a ball now, every year, when it comes to the belly department.

On the point of operators, we were a little shy, Syd Lashley, VE6SD, being up in the Flin Flon area, Byran, VE2AXE, somewhere up the Dewey Line, and our pet motor trainer Ernie Moore, VE2ACK, though he managed to come Sunday aft, and pitched in dismantling, is tied up with some telephone deal that will keep him and the family in Noo Joisey (New Jersey) where they will teach him something about what telephones are or something, and the Bell Telephone hope they can do it in two years. Boy, what a hard head.

But, everything went surprisingly well, the ops. sticking to it even though results were so disheartening at times. Not a single breakdown occurred anywhere in the gear, excepting when the motor stopped for lack of gas, then the tents emptied in a hurry, tripping over chairs, leads and wires, and some "Oh no" when right in the middle of a contact. It was notable however, that the switch FROM regular gasoline and motor oil TO unleaded white gasoline with outboard motor oil, paid off handsomely, and was well worth the trouble of finding a source of supply. A big improvement over 1958 with our carbonising spark plugs.

In charge of tent No. 1 was Bud Stirber, VE2SU, and tent No. 2, Cliff Sunderland, VE2CB, with ops. Tom Ellis, Howard Blaber ex G2BMH, Marty Hornstein, VE2ADQ who obtained the excellent meats devoured and threw in a nice 5 lb. hunk of Salami for snacks, Fred Van Damm, VE2AVR ex ON4—, who also filmed two rolls of color film to be added to the one taken last year, for an interesting permanent record. Emily Brodner, XYL of VE2JL, who supplied the excellent cooking and menu. Nina Ellis, XYL of Tom, who pitched in so ably, and whose help made things run so smoothly during meals. Our best wishes to Nina on her very soon to be "blessed event."

Of course, smarty pants Chris, VE2JL HAD to climb the BOBCAT tree, to take down one end of the window and spent over two weeks with ointments treating the scratches and burns and taking off the scabs on his arms and legs. What a mess. As Larry, VE2JL's Jr. op. said, "you're crazy, daddy."

CU next field day, Chris, VE2JL.

# "Amateurs in the Profession"

Institute of Radio Engineers - Toronto Section



The Toronto Section of the Institute of Radio Engineers has just elected their executive to carry on with next seasons busy activities.

Chairman—Ray Turner, VE3DHJ  
Vice Chairman—George Quigley  
Secretary-Treasurer—Ken McKenzie

Appointed standing committee chairman are:

Meetings and Papers—Walter Anderson  
Publicity—Alan Secord, VE3AGR  
Membership—Frank Ford, VE3AKO  
Education—Clive Oakes, VE3DAT  
Executive Secretary of the IRE headquarters in New York is George Bailey, W2KH.

# "Alert" North-West Territories

Dear John:—

Well John old boy, looks as if I am going to have to let you down for awhile at least. I had started on a list of DX stations heard at Canada's most northerly station, but after a few days of casting around I find that the only usable band up here is 20, and that sure isn't much good for much of the time. Boy, just before we got here they had had a complete blackout for over two weeks, then a few days ago condx closed down on us again. It's absolutely fascinating to sweep from one end of the spectrum to the other and not hear one damn thing. Not even a high noise level. John, I swear to God you couldn't fling a signal across the room with a kw in condx like this.

I'm told after this blackout lifts we can expect much better condx. So maybe then I will be able to get some info on the DX down to you. When the band is open you can hear darn near every spot in the world. It's a DXers paradise. One day I was CALLED by the following stations, DL6DI, DK1UR, HB9XJ, DL9OA, OH8NI, SM5WI, G2RR and G3RL. Considering the haywire set-up they have here I feel that is sort of okay. These stations were all worked around 0330 to about 0415 G.M.T. As I explained to you before I left though, we can't do much hamming around here for awhile at least.

Say John, while I am thinking of it, I wonder if you could put in a plea for a fellow to keep skeds with us in the Ottawa district. As you know we are now keeping skeds with VE7ALS every night on 14120 kc's at 0300 G.M.T., but as we have a few fellows from the VE3 district hanging about here this does make things rather difficult. A VE3 sked would be very much appreciated.

Around next October or November we hope to be able to get on the air much more often with some decent equipment. Right now we are running about 500 watts to a long wire centered on the Vancouver area and a Vee centered on the Ottawa area. Our receiver is rather a disruptable AR 88.

I arrived here about a month ago now, the wx at that time was rather cool. We had snow nearly every day, but now it is getting quite mild out. Yesterday the official temperature was around 36 degrees. Don't get the idea that this is a frozen country. We have a few flowers in bloom now, such as the Artic Poppy. At times our temperature has gone up over 60 degrees.

Well John, I guess that is about all the news around this place for now. I'll send you some snaps as soon as I can. So I

guess that about puts the wraps on 'er for now John. Sure looking forward to hearing you on the air sometime on 14120 cw.

Vy 73's from the world's most northerly station.

Fred, (VE7MG/VE8TU)

P.S. By the way, if anyone disputes the fact of our being the farthest north station, we are around 82 degrees, 30' North, 62 degrees West and about 450 South of the North Pole. Let them try to beat that eh!

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**FOR SALE**—Complete station for sale. SX-100 like new, 60W. xmtr, Relays, Sig. Sentry, Johnson VFO, factory wired, Cush-Craft Grnd Plane with 120 foot RG 58U, 20 meter Dipole with KW feed, two new Low Pass Filters, Crystal Mike with floor stand, Antenna Tuner, 8" PM Speaker with case for receiver. Grid Dipper, all power supplies, and complete set of spare tubes for Receiver. And all cables etc. ready to operate. Absolutely no TVI, can be seen, cost over \$900.00. Will throw in Heath SWR Meter. Make offer for the works. VE3EGG, Ernie Crump, 64 Barrie, Galt, Ontario.

**FOR SALE**—For No. 19 set owners, have all spare parts and tubes for sale at lowest prices. Also new octal sockets, 60 cents per dozen. One G4ZU beam, \$75.00. RG8U and RG11U coax cable, 10 cents per foot. One Hi-Fi outfit including a Heathkit Preamplifier WA-P2 and homemade copy of Heathkit Williamson Amplifier W4-AM and RCA Corner enclosure with 12" woofer and 2 tweeters and Collaro changer complete \$85.00. One FB working copy of DSB100 in finished cabinet, \$90.00. Apply "VE3COL".

**QSL CARDS**—Reasonably priced, samples and prices on request. Quality work.

Write to—Adanac Printers, 10329 Trans-Canada Hwy., North Surrey, B.C.

**FOR SALE**—A 200 country man says, "You hear em and you'll work em with my guaranteed Viking 2—Steal it from me for \$243.00!"—VE7MD.

**FOR SALE**—Complete station, Hallicrafters SX-101 in excellent condition, \$375.00; Heath DX-35, \$50.00; Heath VFO, \$15.00; Heath reflected power meter, \$15.00; Teccraft 2 meter converter and power supply, \$45.00; 522 Transmitter perfect condition, \$35.00; Johnson Matchbox, \$55.00; Johnson signal sentry, \$22.00; 50' spaulding tower, \$50.00; CDR Ham-M rotor, \$110.00; G4ZU beam, \$75.00; All equipment is guaranteed in new condition; Homer Abraham, VE3BUT, Welland, Ontario.

**FOR SALE**—150 watt "Hammond circuit" Transmitter. Pair 809's in Final, modulated by pair of 809. Complete with Heathkit V.F.O. Push to talk Astatic "Iz" microphone. Complete with coils for 80-40-20 meters and set of spare tubes. Not T.V.I. proofed. \$125.00. B.C. 348C re-

ceiver in good operating condition, \$40.00. J. E. Midgley, 440 Front St. Fort Francis, Ontario. (VE3ACL).

**WANTED**—KWM-1, with 516E1, 516F1 power supplies and mobile mount. Write Fred Williams, VE2GJ.

**QSO Pads**, 100 sheets, .35 each, 3 for \$1.00, 10 for \$3.00 plus postage. VE2QS, 1310 Elizabeth St., Ville St. Laurent, Montreal 9, P. Quebec.

**FOR SALE**—1-75A2 and Model "B" Slicer. Morrow Trans. and RCVR., Mobile 12 Volt Transistor pow. supply. 1 Panadapt-er. 1 P.E. 103—\$15.00. VE7MI, 2604 Mathers, West Vancouver, B.C.

**QSL CARDS**—Reasonably priced, samples and prices on request. Quality work. Write to—Adanac Printers, 10328 Trans-Canada Hwy., North Surrey, B.C.

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## "WAY BACK WHEN"

(Continued from Page 23)

What have you got in mind?"

"Nothing at all. The flowers haven't got anything to do with anything. But I was wondering if we could adjust our budget for a few months. I heard today about a new Hooper Duper Ham Receiver that I would like to get. It only costs \$749.98. It's a real bargain. You know I'd get a kit and hook it up myself, but I'm not sure it would work when I got it finished. But the flowers haven't got anything to do with that. Can I get it, Dear?"

Paul W. Abriel, (VE5PI).

Another Old Timer.

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## S.A.R.L. REPORT—VE5HR

(Continued from Page 16)

held in conjunction with the annual Sask. Hamfest, but due to this years Hamfest, held in Moose Jaw, being in May there was no actual meeting this year. But one of the provisions put forth to the license plate meeting was that the S.A.R.L. Inc. would undertake the majority of the paper work associated with the issuing of special plates.

For the time being the present officers of the S.A.R.L. will carry on till such time as an election can take place, which will be at the 1960 Hamfest.

Good luck to "The Canadian Amateur", its editor and officers. It is indeed a very fine magazine and one that has been long needed in Canada.



# **FLASH!!!**

## **FROM OUR GENEVA CONFERENCE REPORTER**

VE3ATU is keeping his promise to bring us news from the Conference. A wonderful air-mail letter reads in part—"Helping here we have G6CL, Budlong, Alex Reid, and a large number of other hams. I spoke for Canada today on 10 meters (in committee 4B) and said, "Canada supports the UK recommendations to retain the world-wide amateur allocation on 10 meters."

Your Canadian Amateur magazine will have more news from Steve, VE3ATU soon—  
Watch for it!

de 7JB

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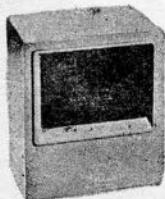
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You get everything you want and need in the RME 4350A Receiver: Dual conversion; single dial, two-speed tuning for easy, smooth operation; high selectivity and rejectivity; 100 kc crystal calibrator for close settings. It's laboratory engineered for maximum performance under all operating conditions.

**\$349.00 Amateur Net.**

Perfect companion to the 4350A is the RME 4302 Speaker, styled and finished to complement it. Housed in sturdy steel case with cast aluminum front panel. Operates with any receiver having 4 ohm output terminals. **24.50 Amateur Net.**

The RME 4301 Sideband Selector provides easy selection of either sideband on suppressed carrier transmission and the excellent pass-band characteristics make it ideal for reception of AM phone and CW. It adds as much as 15 db of sensitivity to the receiver. An excellent companion to the RME Receivers 4350A, 4350, 4300 (it plugs in directly); it can be connected to any receiver using a 455KC IF.

Complete with built-in power supply, the 4301 has an extremely stable BFO, balanced detector circuit and accurate phase shift network. Adder and subtractor circuits for single sideband selection of either upper or lower sideband separately, double sideband exalted reception or normal receiver operation. Panel mounted rotary switch provides instantaneous switching between upper and lower sideband with 40 db attenuation of unwanted sideband. **\$105.00 Amateur Net.**

*RME DB23 substantially improves the performance of any receiver!* Provides minimum gain of 20 db throughout all ham bands from 3.5 to 30 mc with substantial image rejection, better than 7.5 db signal-to-noise improvement over that of receiver alone. Employs three 6J6 twin triodes as neutralized push-pull stages in a unique combination of selective and wide-band RF amplifiers. Permits optimum use of mechanical, crystal or audio filters. Input circuits match any standard antenna. **\$69.50 Amateur Net.**

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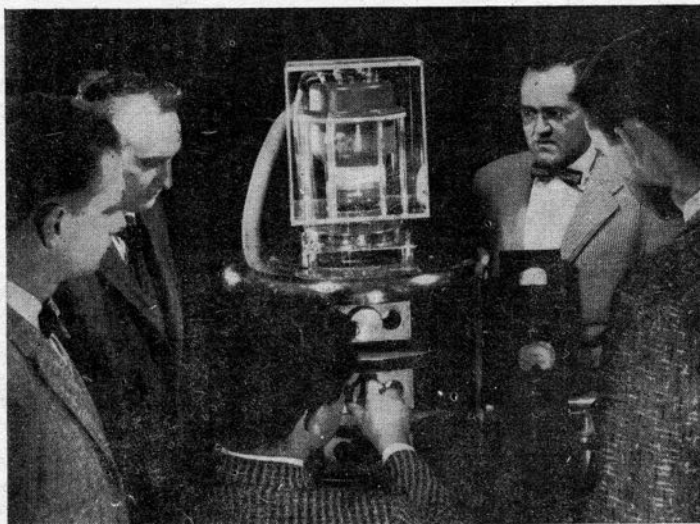


# What's New with the Electron...1959

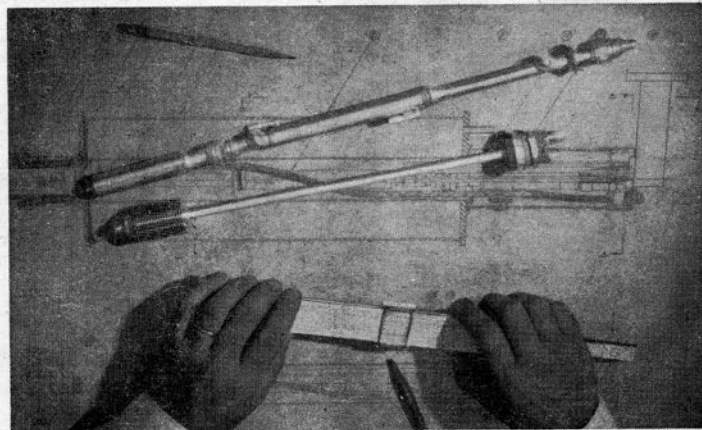
Visitors to the Eimac display at the 1959 Institute of Radio Engineers Show and Convention in New York City last month were able to demonstrate to themselves the simple, non-critical operation of economic Eimac external cavity klystrons by tuning an on-the-air klystron amplifier. Most participants found that the amplifier was as easy to tune as a ham transmitter. This demonstration, focal point of the Eimac display, consisted of an Eimac klystron amplifier operating at 800 megacycles with an output power of one kilowatt. The tube is typical of the broad line of ceramic-metal, external-cavity power amplifier klystrons manufactured by Eitel-McCullough, Inc. Eimac Klystrons have seen extensive service in such tropo-scatter systems as Dew Line, White Alice, and Texas Towers with exceptional reliability and performance.

Also of considerable interest was an animated display designed by Dr. Oskar Heil, head of Advanced Research at Eimac who invented the technique of velocity modulation in 1933. This display showed graphically the velocity modulation and bunching of a klystron electron beam as it passed through the interaction gaps of a klystron mock-up.

A wide selection of Eimac klystrons, reflex klystrons, traveling wave tubes and negative grid tubes were displayed. The Eimac line consists of over 100 commercial tube types. Of these, more than 40 now incorporate the advantages of Eimac ceramic-



Engineers find Eimac Klystrons easy to tune



Eimac ceramic-metal C-X-Band traveling wave tubes

metal design which results in rugged, compact, high-performance tubes.

Eimac's advanced work in the traveling wave tube field was shown by two new ceramic-metal TWT's designed for use under rugged environmental conditions. The air-cooled X686 is a light-weight tube for airborne use covering a frequency range of 4000 to 7000 megacycles with an output power of one watt and a gain of 50 db. The water-cooled X620 achieves a minimum cw output

power of 100 watts in the 4000 to 7000 megacycle range.

Of particular interest to amateurs as well as commercial equipment designers were the ceramic-metal 4CX250B, 4CX300A and 4CX1000A tetrodes, all ideally suited for SSB use. Eimac's popular internal-anode glass tubes were also shown. Many of these tubes, developed by Eimac 20 years ago, still enjoy widespread use in commercial and amateur equipment of all types.

For detailed information on these latest Eimac developments write to our Amateur Service Department and request a copy of "What's New With The Electron... 1959."



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