



HAM HUM

AK-SAR-BEN
RADIO CLUB

WØEQU

MARCH 1955

P. O. Box 626

Omaha, Nebraska VOL. V NO. 3

CALL LETTER LICENSE PLATES

The state of Nebraska moves closer to issuing Call Letter License Plates to us for the use of the citizens of this state.

The enthusiasm seems to be quite isolated but when it is encountered, the feeling runs strong. An outstanding example of this is the job done by Bob, HZE, in getting the bill introduced. A later issue will carry the complete story of Bob's encounter with the Senators of our state.

Members of the Ak-Sar-Ben Club swung into action when the public hearing of the bill was introduced. Through the efforts of Art, QMD a one page letter to the state's handom was mailed announcing the date and place of the public hearing.

The letter was printed by Al, JJK, and a group of about 12 assembled at Art's home on Saturday to fold and stuff 1000 envelopes. Addresses and stamps were affixed and the batch went into the mail in the evening.

The public hearing was witnessed by seven from Omaha and about 30 from the rest of the state.

Mr. W. D. Noyes, from the Omaha Civilian Defense office, spoke first in favor of the bill. Following Mr. Noyes were Earl, JKE, representing the Amateurs of the state, Fran, JDJ, speaking as the state CD communications officer, Herb, QXR, speaking for the U.S. Engineers, and the Fire Chief of North Platte, who made the trip to Lincoln for the express purpose of speaking to the committee. Sorry we don't have the man's name for you.

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JUST "HAMS" AT HEART

It would have done your 'ole heart a treat to see the Mobile Mob of Omaha doing their stuff on February 20th. In response to a request by the Heart Ass'n, George Fox, Chairman of the AKSARBEN-"Caravan Committee", enlisted the following men:

Art Gaeth FQB, Ed Gutman, CQ, Windy Larsen, NPA, John Orr, PHW, Garry Greenwell, NRS, Frank Cooper, IOS, Damon Nuckols, UIO, Charles Vanderpool, W5NT, Rolley Johnson, SPQ, Art Stadler, QMD, Frank Feild BTE, Rod Rosse BCA, Stu Brierly, MGC, Geo Fox, AEM, Rolly Fried YMU, and I'll betcha I forgot some others.

IOS, MGC, and FQB ran the fixed station at 42nd and Dewey. They really kept the mobiles rolling by handling in excess of 220 messages....each of them representing a location at which Heart Funds were to be secured. The operation went off with ease and with only one "hitch". CQX on his last pickup had a bit of ignition trouble but was soon back in business, thanks to the aid of NPA. George, AEM, and co-chairman, Damon UIO are to be congratulated for the efforts in rounding up the whole team. Again the amateurs of Nebraska have shown their ability to come to the aid of the citizenry.

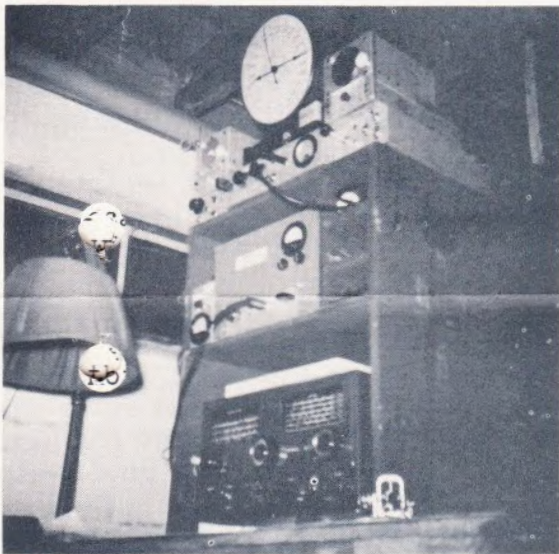
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SEE YOU ALL AT THE FONTENELLE FRIDAY. BRING YOUR IDEAS AND FRIENDS. MEET THE BEST PHONE OPERATOR FROM THIS AREA.

NEXT MEETING
FONTENELLE HOTEL
March 11, 1955
Friday 8:00 P.M.

Video Page

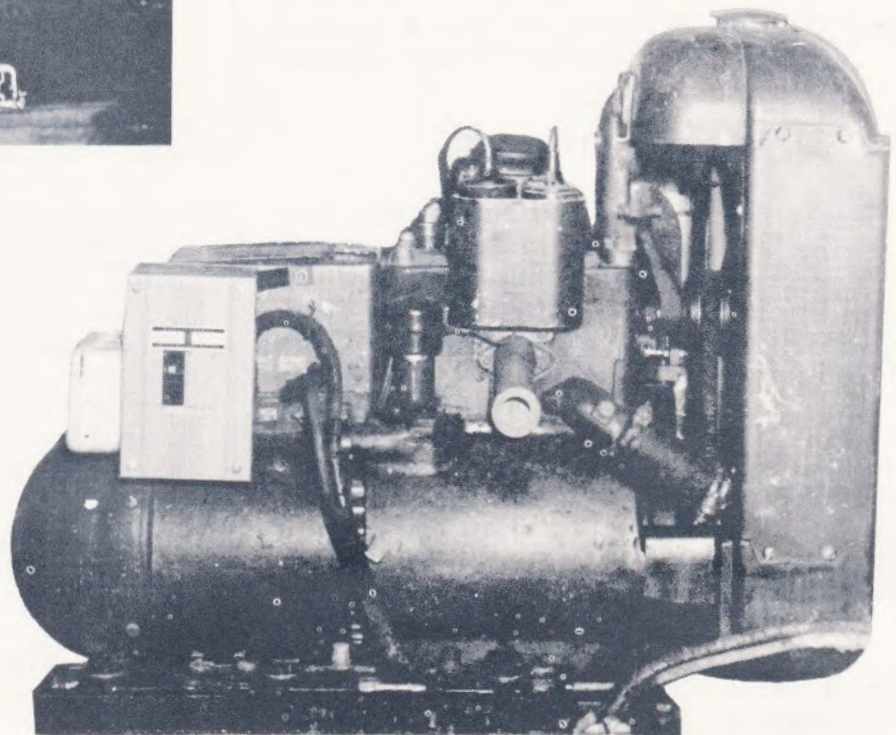
TO THE RIGHT IS THE SMILING FACE OF ALVIN H. GUENTHER WØHQN OF DUNBAR, NEBRASKA. DUNBAR IS ABOUT FORTY MILES DUE SOUTH OF OMAHA. SEE PAGE SIX FOR FURTHER DETAILS.



THE STATION AT LITTLE FAT MAMMA COVERING THE ENTIRE U.S. WITH A NC 88, BC 454, BC 455. A 12 WATT.

LEFT PICTURES THE STATION AT LITTLE FAT MAMMA IN OMAHA. DICK COVERS THE ENTIRE U.S. WITH HIS NC 88, BC 454, BC 455. RUNNING 12 WATTS PHONE AND 50 WATTS ON CW.

THE RIGHT SIDE OF THE CLUB'S ONAN 3000 WATT A.C. POWER UNIT NUMBER TWO.



COUNCIL BLUFFS CLUB STARTED

Off to a good start, in spite of very foul weather, and held their first meeting at the Chieftan Hotel. Braving the storm, 32 potential members showed their smiling faces and smiled even more after prizes were distributed.

Bill Boyd won a switchboard and Stan Davidson won a 1955 ARRL Handbook. The meetings will be held the first Friday evenings of each month at the Chieftan. Co-chairmen for each meeting are being selected. Wes, LGQ and Ken, LGO, are the joint chairmen for the next meeting. We understand that dues will be \$5.00 a year.

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NOW HEAR THIS ON TWO

Roundtables are now starting on two meters in the Omaha League. Al, JJK, brings forth this info for your convenience.

When listening on two meters listen at 7PM, 8PM and 9PM every Tuesday and Thursday evening. This will put more receivers on at the same time. Make a few passes over the band with the receiver and then call a short CQ not over three minutes long and listen again.

We have been attempting to list all of the two meter stations in a 150 mile radius but haven't finished the job. Roughly the list is as follows: QOU at Snyder, VEC at Lincoln, HXH at Staplehurst, PXR at Blair, EMS at Adair Ia., JJK in Omaha along with YZV, UKQ, PHW, QXR, QMD, and a short burst was heard from AEX. Others in this area are GUD at Conway Ia., AJA at Redfield Ia., OHP at Lincoln. We have heard many stories about two stations operating from Wahoo but have never heard them in Omaha. There are several stations operating in Des Moines but only UOP has been logged by PHW. (10 watts works into Des Moines with two 5 element Yagi's stacked). Also in Omaha is Don, TRK.

See the official ARRL bulletin for further two meter activity placed elsewhere in this scandal sheet.

OFFICIAL BULLETIN NR 483 FROM ARRL HEAD-QUARTERS WEST HARTFORD CONN FEB 17 1955 TO ALL RADIO AMATEURS

Amateurs interested in propagation observation on 50 and 144 mc. are asked to monitor two frequencies currently in use in auroral studies at Cornell University. Transmitters of 250 watts output are being run continuously at a high location near Cortland New York, feeding large horizontally polarized broad-side arrays aimed north. Transmissions consist of CW for 18 seconds, followed by 12 seconds of pulses. The call KE2CXU is given at intervals on voice. Amateurs are asked to observe direction of arrival, degree of frequency shift due to auroral propagation, when present, and any other unusual signal characteristics. Please send reception reports to ARRL.

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CAN YOU MEET THE CHALLENGE

A very novel challenge was suggested in the Jan Feb issue of the G-E Ham News. Entitled "Operation Crystal", it is a challenge to the amateur to provide simple emergency receivers for use during power failures. Pick up a copy of the news and give the idea careful consideration.

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LITTLE LATE MAIL

Then there's the old saying "Better late than arriving in time for helping with the chores". So Don Field, GJI, says he has been back east for four years now and is cutting out for far away places. Sorry we missed the graduation Don, fill us in on the future plans.

Have a new half kw rig with an 815 final (described in Jan 1954 QST) on the air. Works fine--hope we can work some of you fellows on 75 phone or 40 cw. This word comes from Al, INR, way up in Hemingford Nebraska.

Now here is a scoop, received too late for the last issue. Dick, VIK, participated in the Novice Round Up and contacted 295 stations in 55 ARRL sections, Dick reports that this gives him 16, 225 points.

DESCRIPTION AND OPERATION of the club's power plant

In line with the message Nr 482 from ARRL found elsewhere in this issue we bring you this dope for your information and interest.

A few years back the need for emergency power was realized and two Onan plants were obtained. The plants were obtained through the efforts of George, AEM. The plants are presently kept at the QTH of Earl, JKE.

The plants, two, are mounted on a two wheeled trailer. Unit number one is mounted permanently at the front of the trailer. The second unit is mounted at the rear and equipped with handles for removal. A sixteen gallon gas tank is located on the trailer.

The units are identical and are two cylinder water cooled, delivering 3000 watts each. The cooling system holds 10 quarts of coolant and the crankcase holds 4 quarts of #30 oil. Unit 1 now has permanent type anti-freeze in the cooling system.

The engines are full pressure lubricated and the pressure is indicated by a gauge on the lower left hand side. Fifteen to thirty pounds pressure is normal.

The units are started with either a 12 volt battery by a built in cranking motor by pressing the start button or by attaching a 12 volt battery and cranking by hand. Unit one has an electric automatic choke, unit two a manual choke. Starting is very easy even at low temperatures.

In addition to the 3000 watts AC the generators will charge the 12 volt battery at a rate up to 10 amps.

Starting of the automatic choke unit is very simple, simply press the start button which is located on the left side of the generator control box and crank the engine until it starts. The only delay might be caused by the lack of gasoline in the carburetor due to evaporation. The fuel pump is of the conventional automotive type. Stopping the unit is done by pressing the stop button adjacent to the start button until the thing stops purring. Real simple and effective.

Before starting and at least every 12 hours during a long run the water and oil level should be checked. The oil is checked by the

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HAM HUM

published by
AK-SAR-BEN RADIO CLUB
Post Office Box 626
Omaha 1, Nebraska

A monthly publication mailed to all members. Mailing is made to non-members upon written request. Postage donations are accepted.

Club officers for 1955 are as follows:

President	Art Stadler WØQMD
Vice President	Dick Eilers WØ
Secretary	Larry Caccamo WØNMN
Treasurer	Gary Greenwell WØNRS

Meetings of the club are held each second Friday of the month at the place designated on the front page. Membership is open to all interested in amateur radio. An initiation fee of \$1.00 plus \$.50 per month. Dues in advance are \$5.00 a year. Student dues are one half rate.

NEBRASKA CALL BOOKS

There has been much interest lately in the call books. The books are still available from the Ak-Sar-Ben Radio Club, Box 626, Omaha, 1, Nebr. The cost is \$.75 post paid.

SEEMS TO ME

Seems to me that a lot of us do a lot of talking. It takes a lot of doing to have anything really worthwhile to talk about. So who is doing anything worth talking about? So--there you are--and here I am--talking.

Last week I got down on 20 phone and landed right in the middle of a DX contest. While tuning around for a hole to work in I discovered that it must have been a double stamp day for CQ-DX. Double stamps for every call over five minutes and believe me they couldn't have printed the stamps fast enough. So I waited five minutes and when a station signed I used his hole. (I have never heard of a genuine DX station answering a five minute CQ, of course I haven't been on 20 for some time).

It has been a mild winter here in Omaha, haven't heard of one single beam lying on the cold, cold ground. Just stick around until the March winds hit us.

THANKS to Martin, LGY, for his donation for postage for Ham Hum. As usual there is no charge for Ham Hum though we do accept your change for the cost of postage.

LICENSE PLATES CONTINUED

Mr. Boyles of the State Motor Vehicle Division spoke neither for nor against the bill but rather pointed up some facts which will be rectified by the committee before it is passed on to the legislative body for their action.

Mr. Boyles stated that we should make application for our special plates in advance of the regular deadline which is Feb. 15. This is necessary because our plates must be manufactured individually and aside from the regular plates. To protect us from the embarrassment of operating our vehicles without proper plates he suggested a date which will be about January 30. This date will relieve the strain on all quarters. He also mentioned the cost factor. The present bill suggests an additional fee of \$2.50 for our plates. This figure seems well in line with other states who charge from \$1.00 to \$5.00. Mr. Boyles stated that the additional fee of two fifty would not cover the cost of the necessary dye required for our plates. But in possibly three or four years the additional expense encountered by the state would be covered. Our present job, bear in mind, is to get the bill passed and not to dicker on the price.

All in all, the hearing was quite successful. The committee will amend to add a deadline for application for renewals which would most certainly assure us of receiving our plates by the usual deadline of Feb 15. Of course, new applications may be submitted at any time after the bill is passed and the dye procured.

DID YOU WRITE YOUR SENATOR? DID YOUR FRIENDS WRITE LETTERS? Did you just let the OTHER FELLOW do the job?

To shame us all I can recount the story of the High School student in Omaha who contacted the people on his paper route and got letters. He also contacted the Parent-Teachers Association. Not satisfied, he addressed two High School government classes. But more about his program in a later issue.

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WE REPRINT, FOR THIS MONTH, THIS MOTTO

"Of all my father's family I like myself the best."

A NOTE OF THANKS

A note of thanks is due Leo, GFQ at WRL in Council Bluffs for the lift given the prospective amateur. Classes have been going on for the past several months for the novice examination. Each class meets 8 times for one month. Classes are scheduled to continue thru March and April. The Novice classes are free. The general class, which is now in session, costs \$3.50. The cost of the course is very nominal considering the overhead expense. Difficulty was encountered in obtaining instructors and they are now paid for their services. We feel that the hams of this area should have their hands slapped on this one, should have had an abundance of willing instructors.

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FLASH FLASH FLASH FLASH FLASH FLASH

Did you know that we will reprint any news you may have. There is no charge for this service. Get your side of the story in before we print ours. The cost of printing pictures is 3 cents. This is the cost of your stamp in mailing the photo to Box 626. Please note "We are not responsible for what we write but we will take the responsibility of printing what you write".

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GENERATORS CONTINUED

dip stick which is located on the lower left side of the engine and if low the additional oil is added by means of the filler on the upper right side of the engine. The water level should be just a hair above the baffle plate inside the cap on top of the radiator.

The units have been used successfully at two field days where they ran for longer than 48 hours with no trouble experienced. A little care and they will last longer than you will. Dave, DW, at Grand Island, has a similar unit mounted on a block in his garage and is designed to start automatically upon a power failure. He has a buried fuel tank and muffler. Let's hear about more emergency power supplies of this type. The mobile unit in your car is nice but only for relatively short operations. A good emergency AC supply is the answer to all and any emergency.

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NO WAY OUT

There has been a lot of talk of late about the part that the amateurs of Nebraska..and else where too..would play in the event of an emergency.

Let's be honest with ourselves, men, by taking inventory of the situation as it effects us personally. Ask yourself, "If an emergency did arise, just what would I do?" Two bits to a hole in a donut you would answer that by admitting that you would head for the cellar. So, you have a mobile rig in your car. What would you do about it? Yep, you have a full gallon on all bands...what would you do with it in event of you know what? So you head for the open spaces to join the CD outfit you are scheduled to assist...and the CD police hold you in line with the rest of the good people NOW.....You furnish the answers to that one. Are you ready for any and all contingencies... or are you one of those people that says, "It can't happen *g me?"

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HOT SCOOP

Ain't seen it as yet, but we understand that JJK is "listening" on his Collins 75A1. We're still awaiting the big blast from his FULL KW that has been on the boards for a week or two.

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MKP has a new rig on the air. Sounds OK Ed.

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Earl Olsen, JKE, Chairman of the Convention committee reports that our application for the Midwest Convention has now reached ARRL headquarters and is making the rounds for signatures of the Board of Directors.

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Welcome to the new "Generals." The January exams promoted several of the WN's to all band operation. Jump in fellows...don't let the so-called oldtimers give you any of their guff, cause underneath it all they will be glad to give you a hand.

-o-

UNTHINKABLE

A most unthinkable suggestion was made to the editors of this rag last month. In as much as we never engage in editorial debate we just couldn't comply wid the request.

On the other hand subjects which are becoming obsolete it would be a waste of good sleeping time to start an article each month on the controversial "SSB". SSB must be almost obsolete for it was in use some 25 or more years ago. Hi. On the other hand lets stay awake a few minutes more and inject one novel idea. Would like to grind out some dope each month on Suppressed Carrier SSB, seems that is something some of the fellows are using on the bands now days, novel twist eh?

From way down in Soud Omaha we hear a feeble signal, intelligible to those having decent receivers and it sure sounds like old buddy Ed, CQX, and the signal really s'ld be a potent one if compared with the usual signal emanating from that QTH. So there. Ed is running barefoot with a S20A fed from a converted BC 458 VFO and operating on 75 and 20.

Frank, IOS, was SSB but got too close to the mike and burned the darn thing up. UEV has a S20A feeding a 805 final and is running about 300 watts peak power on 75 now. Sounds like Rolly, YMU, the old Omaha SSB stand by is getting some competition.

For the SSB novice there is a very nice publication for about one and a half bucks which is published by the editors of CQ magazine. This is a very good story of the whats and whys of SSB and describes much equipment. WRL has it in stock. Let's hear more on this subject SSB.

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THE ACTIVE TOWN OF DUNBAR

On the picture page we have a picture of the station HQN and the chief op Al. That is only a small part of the story. In the family are calls assigned to the son and daughter, respectively HQL and HQH. A little arm twisting and the XYL will be in there also.

The S-40 and Viking II feed into a long wire. Wonder if the soldering iron in the back ground is really necessary for station operation. HI HI.

HAM HUM

AK-SAR-BEN RADIO CLUB

OFFICIAL BULLETIN NR 482 FROM ARRL HEAD-
QUARTERS WEST HARTFORD CONN FEB 10 1955
TO ALL RADIO AMATEURS

With the approach of spring and warmer weather there exists the possibility of floods and consequent communications emergencies. All U S and Canadian amateurs are urged to provide themselves with means for working on the National Emergency frequencies, 3550 3875 7100 7250 14050 14225 21050 21400 28100 and 29640 kc, and to contact local ARRL Emergency Coordinator, whose address may be found on page 81 of November 1954 QST, to learn of local plans. Amateurs who are not already members are invited to join the ARRL Amateur Radio Emergency Corps.

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FAREWELL BID TO RALPH, QFX

Ralph has accepted a position with the Bell Telephone Laboratories. We wish you success in your new position. The new address is, Ralph Peterson WØQFX
Bell Telephone Laboratories Dept 2413
463 West St.
New York 14, N.Y.

OFFICIAL BULLETIN NR 481 FROM ARRL HEAD-
QUARTERS WEST HARTFORD CONN FEB 3 1955 TO
ALL RADIO AMATEURS

With the 1955 legislative session about to begin, amateur groups in many states are once again having call letter license plate bills introduced into the legislative hopper. States already granting this privilege are Alabama, Arizona, Arkansas, California, Delaware, Florida, Georgia, Indiana, Kansas, Louisiana, Michigan, Minnesota, Mississippi, Missouri, Nebraska, Nevada, New Mexico, North Dakota, Ohio, Oklahoma, Oregon, South Dakota, Tennessee, Texas, Virginia and Wisconsin. In addition, the Canal Zone and Alaska grant call letter license plates. Virginia authorizes plates only for amateur mobile units. ARRL headquarters continues to supply assistance and information on this subject to interested groups.

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FROM HERE AND THERE

We stand corrected. Without thinking we mentioned Mig as Omaha's original XYL-Op.

I sure remember Dalyce, SHF, to date her, we are reminded that she had a license way back when this area was the ninth area. Sorry Dalyce and congrats to you.

Way out in Alliance there comes a sound of 2 meter activity. And Martin, RJA, is looking for information on the BC 797-B rig. Anyone got the dope? Please contact, Martin D. Johnson WØRJA
Senior High School
Alliance, Nebr.

Down in Lincoln, Larry, AGE, writes that most of his activity is directed to studies at the University. Larry is working in the Radio and TV section of the Speech Dept.

Larry has a Viking I for sale. It has been TVI'd ala Johnson and is in excellent condition for only \$180. Address, Larry Pyle WØAGE
1645 Pawnee
Lincoln, Nebr.

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NEXT ISSUE

Coming up next issue is the club roster. Also an outline of the club's operations and activity. A bit of history of the club will be inserted. Please forward any info you might be storing in the dead file which will be of interest to PO Box 626 at once.

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FOR SALE

A tremendous list of equipment comes from Dr. John Van Skiver, DUC, 903 West 2nd St., Grand Island. Regret we haven't room for the entire list but here are the highlights. Koeler 800 watt a.c. plant, rebuilt, \$100. BC654 and PE103, new, covers 75 meters, \$65. RME45 and freq. standard, realigned, \$165. SX24, with 7G7 in the R.F. for \$65. 200 watt, 813 rig in cabinet and complete with coils and power supplies for \$175. Ten meter mobile rig with pwr sply for \$50. Equipment and more is being sold, poor health.