



# HAM HUM

AK-SAR-BEN  
RADIO CLUB  
INC.

WØEQU

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# Ham Hum

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HAM HUM is the official organ of the Ak-Sar-Ben Radio Club of Omaha, Nebraska, Mailed monthly to all members and to others upon request. News and information of interest to amateur radio is gladly

accepted. All items must be received at least two weeks prior to the second Friday of each month for inclusion in the current month issue. Submit all correspondence to P.O. Box 626, Omaha, Nebr.

## AK-SAR-BEN RADIO CLUB, INC.

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Ak-Sar-Ben Radio Club memberships are open to all persons having an interest in amateur radio and its activities. Dues are 50¢ per month or \$5.00 per year when paid in advance. Students

rate is 25¢ per month or \$2.50 per year. Initiation fee \$1.00. Special rate for OM-XYL, \$6.50 payable annually. Meetings are held on the second Friday of each month.

# Program

At our regular meeting on February 14, at Ak-Sar-Ben Field, the club was very fortunate in having as its guest speaker Lt. Col. Joe Beler, KØMQU. Joe has held a ticket for about 20 years now and though on the inactive list at the moment, we hope to hear him on the air in this locale regularly in the near future. Joe has been in the services for about 19 years, starting in the old Army Air Corps in the enlisted ranks and rising to his present rank of Lt. Colonel. The technical information presented on the communications systems of SAC was very informative, and of particular interest to all at the meeting was the demonstration of the SAC system of communication. QSO's were arranged all over the world. Of special interest was the contact via land line to Spain to the SAC radio room at Madrid, then by SSB radio back to the SAC SSB shack at Offutt and then



by land line to a phone booth about 30 feet away from Col. Beler. Dick Eilers answered the phone in the lobby and was clearly heard in the meeting room for a short 2 way QSO with Col. Beler over an 8000 mile round trip. Our many thanks for the fine talk and demonstration to Lt. Col. Joe Beler.

At the MARCH 14 meeting we will hear from Jim Nolan of World Radio Labs over in Council Bluffs. He will give us some interesting dope on construction practice for both assembly line and home-built gear. IN addition Damon Nuchols will have his transistor power supply and Ed Gutmann will have his super inexpensive regulated and controllable power supply. Dave Hollander has arranged for the film which

will be shown. Don't forget the pleasure of the eye-ball QSO and the refreshments. The weather man says he will give us good weather, so plan on being there. 2000 hours March 14.

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**FOR SALE:** In good condition Hallicrafter's Model S-40 receiver, \$45.00. See at Fire Hdqtrs., 1103 North 40th St. during office hours.

WQFQB

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## PACK SETS

A couple of home-made 6 meter handy talkies were in evidence at the meeting, one in actual operation and having been tried and proven with a QSO from North Omaha to Papillion, Nebr., a distance of some 20 miles. A Club project has been proposed for the construction of a quantity of "Pack sets" that will be on 6 meters and battery operated. They will be used for emergency work on civilian and CD emergencies as well as being useful in club projects. The committee in charge has the following members. John Snyder, Windy Larsen, Damon Nuchols and Cecil DeWitt. Cecil is in the process of laying out a circuit adaptable to mass production of printed circuits.

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## W5NT

Charles L. Vanderpool, W5NT, is the proud recipient of a Public Service award presented to him by the ARRL in connection with his participation in emergency Communications work when a forest fire broke out in the Lincoln National Park, New Mexico in the summer of 1956. The Public Service certificate is not the type award that is specifically worked for, asked for, or expected. It comes as a spontaneous recognition of outstanding work by individual amateurs during emergencies. No doubt most club members remember Chuck, as he was quite active in the Omaha area in mobile work.

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## QST AND CQ

When it's time to renew your subscription to QST or CQ do it through the Club. See the club treasurer at the very first meeting after you receive a notice of expiration so the renewal may be forwarded in plenty of time.

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## GUESTS

We would like to take this opportunity to extend an invitation to all amateurs in the area to come to a club meeting in the very near future. We hope that you may join our club, but come anyway. There are quite a few hams in the area, such as Bellevue and nearby towns that have been heard on the air that we would like to meet in person. Except for a few special meetings, all regular meetings are on the second Friday of each month at the 4-H Building on Ak-Sar-Ben Field. Meetings begin at 8:00 PM.

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## CALL LETTER TIES

Call letter ties will again be available. These are good Wemply ties with your call embroidered on them. Ties are a sedate yellow with the letters in blue. It takes a dozen to get the order started, so let's hear from you with cash in hand for \$1.50. Give your order to the Treasurer at the meeting. If you forget or cannot attend the meeting, send your check by mail. We'll take your check, but you can understand our stupidity in not recognizing your A1 credit rating if you try to visualize our wearing ties with your call.

(Non-members can order ties)

## GREETERS

Will those that have the club greeter jackets get in touch with Ed Gutmann or Damon Nuchols or bring them to the next meeting.

\*\*\*\*\*

## MAYBE A 6 METER WAC?

Will he be fortunate enough to work Oceania? WØYZV, Dick Eilers, has worked Japan, Ire, Africa, North and South America. Quite a number of the local 6 meter gang worked the African and South American stations on a recent opening. We had hoped to gather a list, but could not get enough, so would be guilty of severe omission if we tried to list them all. DXS and YZV are getting higher power shortly, 175 watts on 6. YZV is going to 175 watts on 1¼ meters. Those of you who have itch to work 220 Mc should have no trouble tuning up your gear when Dick turns on this rig into his seventy seven element beam. It's nice to hear so many fellows on 6 but you fellows holding Tech license should also explore the higher bands and get the activity rolling there, too.

\*\*\*\*\*

Omaha, Nebraska  
February 19, 1958

Editor - Ham Hum  
Box 626, Omaha, Nebr.

Here is de vhf news:

The really big event in vhf history for the past month was the fantabulous (think that's a new word) aurora opening on Febr. 10-11 and apparently there weren't many Omahastns. taking advantage of the situation. We know that WØRYG, Bert, down in Lincoln managed to work a mess of stations back east and probably added a new state or two. WØTRK managed a QSO with an Illinois station W9JOL. Yours truly was working the evening shift till 12:30 a.m. but rushed right home and joined in the fun and managed to pick up 3 new states on 2 meters. By the time the next issues of QST and CQ are sent out, we may find that DX records could be broken.

The 6 meter men did good on the aurora too. Haven't been able to get many reports, but KØMEO did work VE2AOM in Montreal, Can. and KØMSS got a Texas contact.

We would like to repeat a suggestion that appears in Jan '58 CQ in the RTTY dept. It reads "Be careful when you're looking for RTTY gear." The same good advice holds true in buying VHF equipment. Talk first to at least two nearby *active* v.h.f. men, not once, but several times. Get some recommendations on converters, antennas, feedlines, etc. before spending hard earned money on a modulated oscillator rig or other dated equipment.

We wish to express our thanks to Frank Ladd of Ladd Electronics for donating the tripod antenna roof mount to the 2 meter net. For those who didn't know, this mount was used during the March of Dimes Drive recently. Also, thanks to those fellows who loaned out their Gonset communicators for the drive.

Now, we're getting ready to use 2 meter relay links the Heart Fund Drive, BCNU.

John, WØWRT  
2402 So. 43rd St.  
Omaha 5, Nebr.

## EQUIPMENT NEWS

The Electro-Voice people, manufacturers of RME equipment have been toying around with the idea of a super deluxe 3 band converter covering 1 $\frac{1}{4}$ , 2 and 6 meters. They say it would have a sensitivity and sig/noise ratio surpassing current single band converters and obtainable only in equipment made for radio astronomy. It would be in one case about the size of the RME 4350A receiver and sell for about \$239.00. It would be crystal controlled on 1 $\frac{1}{4}$  and 2 meters and tunable on 6. They are still in the thinking stage on this project and trying to determine if the amateur will pay the asking price for a high quality converter. If the idea strikes you as favorable, why not drop them a line letting them know your thoughts.

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## RUMOR

Rumor has it that John Orr, WØPHW, has been missing in action for many weeks. We also hear that John may take up golf. Last year John's comments on golf were "chasing a poor defenseless ball". Guess we all have to go sometime, John.

\*\*\*\*\*

## ARRL NR640

The 1957 Edison Award was awarded to K5BQT, but did you know that a Special Citation was given to our own WØKCK. Larry works nightly helping service men keep in touch with their loved ones.

\*\*\*\*\*

## PANCAKES

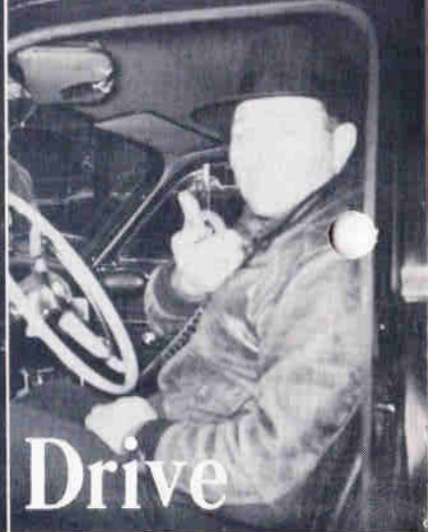
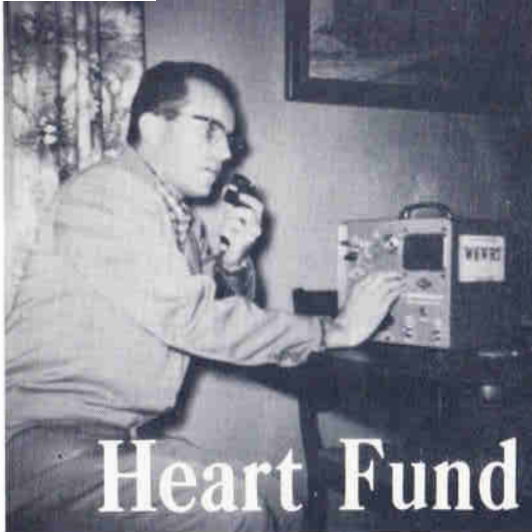
For one of our summer meetings we have been planning a pancake feed. I had thought that it would be a pancake breakfast, however, the club members seem more in favor of a pancake supper. The final details have not been worked out yet, but this seems like a good idea and well received by the members.

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## TNX

Our thanks to KØCIA, Tom Doherty, who is working up a list of hams in the local area so we can send them an invite to attend the club meetings and we hope join with us.

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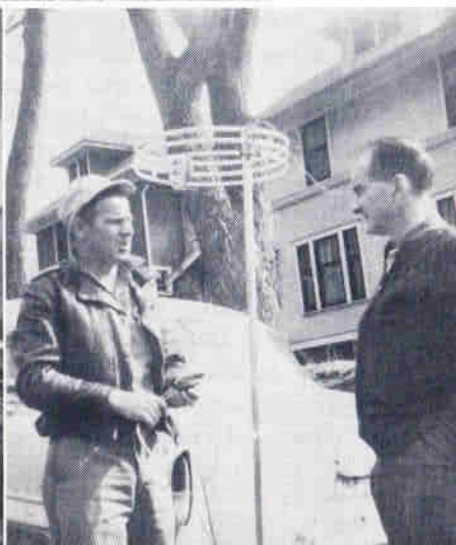


# Heart Fund Drive

Sunday Feb. 23, saw fifteen mobiles afield pursuing their assumed duties for the 1958 Heart Fund drive. Also participating were personnel manning 3 two meter, 1 ten meter and one six meter base station as well as personnel handling the dispatching of traffic. The drive started for amateurs about 2:00 P.M. and traffic began to pile up while we were waiting for the mobiles to reach their territories. It wasn't long however before the base and relay stations began to move traffic in fine shape and were soon handling it as arrived. Some difficulty was experienced at first with cross-modulation between the ten meter station and the two meter link station which was at the same QTH. The six-meter relay

stations was suffering from a frozen rotator. This made it necessary to assign the six meter mobiles to the north end of town. Since coverage from the north is a little more difficult, the advantage of six meter ground wave superiority was appreciated. Four six meter operators took care of this assignment very capably. The remaining part of the city was blanketed by the signals of ten meter mobiles. As might be expected on a Sunday afternoon, the ten meter band was wide open and QRM threatened to upset the applecart. This threat was eliminated however when Jerry WØNKG took it upon himself to put his big signal on the air and clear the frequency. This brought the consternation and disgust of some out-of-





town stations whose ungentle-ly conduct might make one curious as to whether or not they have ever heard of a charity such as the Heart Fund drive. I hope Omaha stations can never be accused of violating the principles of the fraternity.

All in all, the drive as far as our part was concerned, was a real success and most of us were kept busy with over 150 pieces of traffic. About 5:00 o'clock saw the messages dwindling to a trickle, so we took this as a cue to wrap-up the operation. It wasn't long before the mobiles rolled in with large bundles of money. From the size of the bundles some of the boys really got a workout. On the other hand, a couple of them suffered from that old drive disease, lack of activity. On behalf of the club, I would like to thank everyone who participated so wholeheartedly and to urge everyone who didn't to do so at the next drive which should come along about March 30. This one is for the Crippled Childrens fund and is a very worth while project. Anyone that is mobile can call Windy WØNPA at KE 4337. Others, not mobile, should contact Eddy Gutmann. There are lots of things to be done by those who are not mobile. The pictures you see on these pages are by the effort and courtesy of Dick



Reimund, WØLFM. The two meter base station was manned by Frank, WØEMS and dispatching was by Larry, WØNMN. The six meter relay station was operated by Cecil, WØRMB, Dick, KØMEO, Bob, WØAEX, and Doug operated the two meter link station. Keeping the ten meter relay station fired up was Earl, WØUXD, John, KØKWB, Jack, KØEQK and receiving traffic on two meters was John, WØWRT and Bob, WØWXG. Elmer, KØDFJ and Bob, WØOSE were backing up the ten meter relay station at Elmer's QTH. Jerry, WØNKG, sprayed a lit R.F. around and got rid of some of the pests. The following are the mobiles and their riders in that order: Six meters - Dick,



WØYZV and Tom Eilers, Gene, WØCKS, all alone, Les, KØDXS and Ken KØERI, Vern, WØMGZ and Tom, KØCIA. Ten meter mobiles were Rolly, WØSPQ, Jerry, WØWSN and Nancy Wilson, Elmer, and Marilyn Stein XYL, Ed, WØCQX, Bob Downer and "Skeeter" Gutmann, Ed, WØYEY, and Frank, WØHSF, Lou, WØVLI and Dick, WØLFM, John, WØMYO and Jerry, KØKKP, Jim WØYCP and Dave Schinker, George, WØAEM, Joe Durigan and Ed Johnson, Lowell, KØDFP and Francis, KØJLG, Frank, WØBTE and Chuck, WØBZW, Ron, KØENF and Henry Novotny.

As you can see, a lot of people participated and a lot of good practice was had.

73 - Windy

## Next Month

Arrangements have been completed with Dick McCann of KBON for the April meeting. He has a very interesting story to tell with some very exclusive sides. Watch for the full scoop next month's Ham Hum.

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## *Crippled Children Drive*

Our next drive will be the Crippled Children Drive March 30. Hope to have more information by club meeting. Windy Larson WØNPA in charge.

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## NOVICE NEWS

For the past several months I have been sending mis-addressed QSL's out to novices. In some cases I have sent more than eight to one person, so to make things a little easier for me take a little more time in sending that QTH; and make sure it is correct.

We still have a few crystals in the crystal bank for 80 meters so if any of you novices need one let me know. We are short crystals in the other bands. If any of you old timers have any novice rocks in the junk box, why not bring them to the next meeting, and I'll see that they are put to good use.

Having been in some of the novice shacks in the past few months I have noticed some very discouraging things. In some cases I have noticed some running more than the lawful power while some are using VFO's in place of crystals. You had better clean house if either of these apply to you. Along the same line some of the novices are losing the true ham spirit when they don't build any of their own equipment. They may have one of the best stations in town but they lose all the fun, knowledge, and satisfaction of building and using such equipment. (Ed. Amen).

Rollie Johnsen, W0SPQ

**FOR SALE:** Dx-100, excellent condition, \$200 or best offer. Jerry Knight, 8825 Edgevale PL., Omaha, Nebr.

**FOR SALE:** 40 meter receiver with built-in 3 tube crystal controlled 6 meter converter. Only \$20. Jerry Knight, 8825 Edgevale PL., Omaha, Nebr.

**OFFICIAL BULLETIN NR 642 FROM ARRL HEADQUARTERS WEST HARTFORD, CONN. FEB. 20, 1958 TO ALL RADIO AMATEURS BT.**

Off frequency and harmonic violations continue to require the attention of FCC monitors and ARRL Official Observers. Novices are urged to make careful tests with local amateurs to make sure that strong second harmonics are not being radiated in the 11, 5.4 and 7.4 Mc. frequency ranges. Others are asked to watch especially the ten and 15 meter phone band edges and the outer limits of all bands. Some amateurs depend too much on their own equipment, forgetting the possibility of drift of receiver and transmitter calibration. Band edges are unsafe places to work without extremely accurate frequency measuring equipment AR.

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## EDITORIAL

(From the ALABAMA SECTION BULLETIN, by Dr. J. D. Justice, SWL)

### THERE IS MEDICINE IN YOUR TRANSMITTER

by Dr. John D. Justice, M.D.

Communication of information, feelings and ideas is the essence of civilization. Our civilization is in proportion to and advanced by our ability to communicate. You in radio have transcended the limitation of space and increased the possible audience of your every message beyond that of even the most brilliant orators or rulers of the past. This power and influence should be exercised wisely and with your dedicated members in training and supervision, I'm sure, will be.

These complications of our lives create newer and greater responsibilities and in turn greater anxieties. The building, modification, and experimentation with radio is an excellent creative outlet for these tensions allowing the mind to escape from the pressure of personal responsibilities to family and society. Rest from nervous tension is our greatest medical need at present. Functional symptoms produced solely by emotional stress and nervous exhaustion comprise a major part of the history of more than

seventy-five percent of patients seen by the physicians of this country. Neuroses and psychoses fill more than half of our hospital beds and the majority are considered preventable by measures to reduce and allay anxiety. By filling this universal need, in the dual fields of creation and communication, radio serves an ideal outlet for the release of the tensions which create functional symptoms and even, eventually, mental illness.

This is only one of the many dividends of pleasure and happiness offered by the exciting fun of giving pleasure, entertainment and help to others through radio.

\*\*\*\*\*



"The way taxes are today, you might as well marry for love!"



"We called you in, sir, for an explanation of how a road map got mixed up with this"



## FOR SALE

'C-639A communications receiver for VHF. Coverage 100 to 157 Mc. Rack mounting, complete with power supply - price \$55.00 less rack.

John Snyder, W0WRT, 2402 So. 43rd St. RE 1538.

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## NOTES FROM SIOUX FALLS

Rumors have reached us of a citizens' committee--vigilantes or something, who rallied together to write our congressmen.....TVI on channels 4 and 9, 90 miles away).... one gal was accused of TVI when her transmitter - in kit form - was still unpacked on living room table. One of the boys was accused of TVI when he was in Minneapolis, 265 miles away. Etc. Our sympathies to you fellows. At least we have strong TV signals.

Tony also calls attention to a correction needed. Their 2 meter net meets Wednesdays and Sundays, instead of Wednesdays and Thursdays as mentioned in Ham-Hum. You can frequently catch them at 7:30

on Monday nights also.

\*\*\*\*\*

## FOR SALE

Type 1N-307 gold bonded germanium diode. It also has another number there - Raytheon 804. Peak inverse voltage 125 volts at 8/10ths of an amp and the average rectifier milliamps is 50. They are for sale for \$1.00 a piece. Contact John Straka, MA-7882. These net out of a catalog at \$3.16 each. He would like to sell them at \$1.00 a piece - he has quite a few of them.

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## FROM NEW YORK

I have been busy building a 300 watt final so I can get up with the high power boys. I have really enjoyed reading your Ham-Hum.

Joe Lofreddo, K2PVB. WAS 37 AGE 15.

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◇ ◇ ◇

When two newlyweds feather their nest, it's usually not hard to find four well-plucked parents near by.

You can't push anyone up a ladder unless he's willing to climb a little.

--Andrew Carnegie

◇ ◇ ◇

**AK-SA<sup>7</sup> BEN RADIO CLUB INC.**  
**P.O. BOX 626**  
**OMAHA, NEBRASKA**

**NEXT MEETING**  
**AK-SAR-BEN 4-H BUILDING**  
**AK-SAR-BEN FIELD**  
**MARCH 14, 1958**  
**8:00 P. M. - SHARP**

**Form 3547 Requested**

BULK RATE  
U.S. POSTAGE  
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Omaha, Nebr.  
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