



# HAM HUM

AK-SAR-BEN  
RADIO CLUB

WØEQU

FEBRUARY 1954

P. O. Box 626

Omaha, Nebraska

VOL: IV No. 2

## NEBRASKA CALL-BOOK

The Nebraska Call-Book is now at the printers and should be ready for distribution about the middle of February. These are two listings, alphabetically by call and the second by town. The call-book will be kept up to date by supplements issued during the year as the number of additions or changes are warranted. To cover the estimated cost of the supplement the price of the book has been increased from 50¢ to 75¢. Orders are now being taken and a convenient order blank will be found on the last page.

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## MARCH OF DIMES AND AMATEUR RADIO

Again this year the Ak-Sar-Ben Radio Club was proud to assist the mothers of Omaha in their campaign to raise funds for the Polio Foundation.

The need for transporting the mothers who were captains from their homes after they had counted their collections was supplied by mobile units operating on ten meters. Each unit was supplied with a volunteer policeman for protection of the sum of money which ran as high as \$3000 for one trip.

A control station was set up in the city hall near the headquarters of the drive. By dispatching the units by radio much time as saved and the entire operation operated very efficiently. Several calls were given to units in one area.

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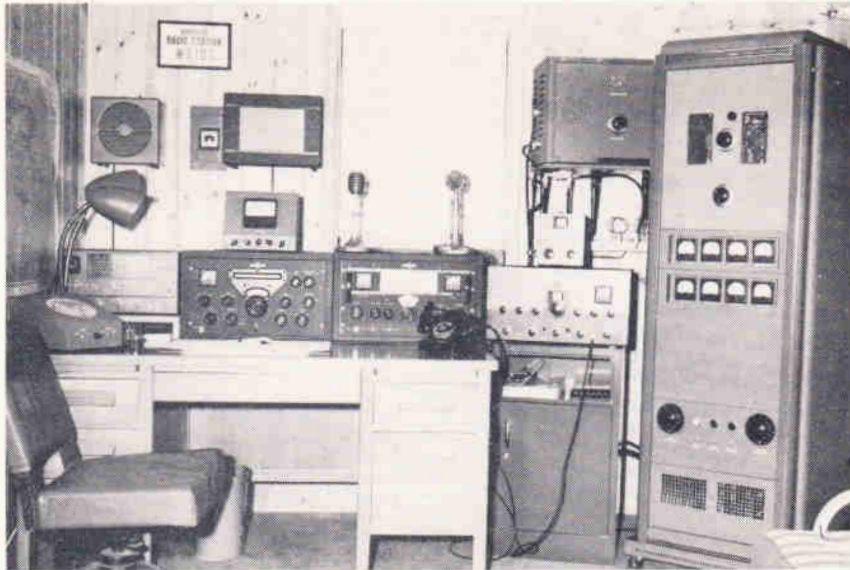
## MERIT AWARD CONTEST

A really worthwhile and inspiring award for AK club members has been announced which we thought would be "front page news." At our last meeting the club president announced that a sizeable and valuable award would be made at the end of 1954 to the member that did the most for amateur radio in the club's name during the year. The award would be a good communications receiver or commercially built transmitter in the \$300 to \$500 dollar class. The rules for this competition are as follows:

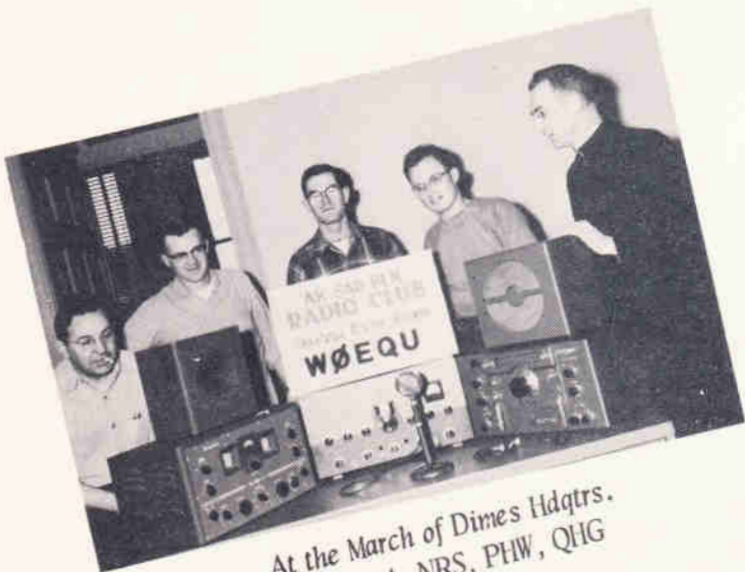
1. Only club members in good standing are eligible.
2. The purpose of the award is to recognize the individual club member who makes the greatest contribution for the betterment of amateur radio, in the name of the AK-SAR-BEN radio club to promote publicity for the club and amateur radio.
3. The club president has the power to appoint three judges for the award and the decision of the judges will be final.
4. The club meeting in November will be the closing time for submitting names for the award and information concerning that person being nominated.

<p><b>NEXT MEETING</b> February 12, 1954</p> <hr/> <p>Friday 8:00 P.M. Fontenelle Hotel</p>
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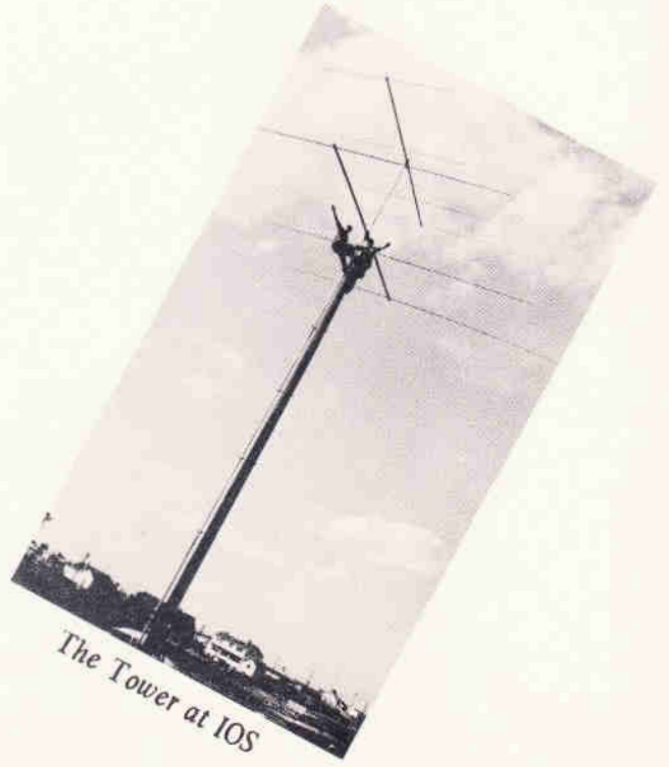
VIDEO PAGE



WØIOS  
STATION OF THE MONTH



At the March of Dimes Hdqtrs.  
AEM, NPA, NRS, PHW, QHG



The Tower at IOS

## STATION OF THE MONTH

The first station featured in this column is WØIOS, Frank Cooper. Frank started his ham radio career in about 1931, making a total of 23 years. Frank's first rig was a 47-46-210, 40-meter c.w. rig running 50 watts into a half-wave Zepp antenna. This is indeed a far cry from Frank's present set-up.

Frank credits ham radio for having led him into the management of a radar electronics plant. Before World War II Frank worked all bands fone and cw with a kw. In his car was a 5-meter mobile set-up. Also, before the war, Frank gave up ham radio temporarily to be an Army primary flight instructor. After the Army, Frank was a Radar officer in the Navy. An admirable stack of certificates and awards has been stacked up by IOS. They are: WAC, WAS, RCC, ORS, O S, 35 wpm code proficiency, and 15 years membership in the Connecticut Brass Pounders Association. Frank came to Omaha in 1946, and became a member of A.R.C., after which he became an active member holding a position on the executive board for six years, active on various committees, vice-president, president until his health forced him to resign. Frank is now doing a fb job as the new Club president.

Frank's present station is the culmination of a dream. His station is shown on the picture page, along with his antennas. His receiving equipment is a National HRO-60, replacing the NCL25 in the picture, and a Collins 75A-2. Transmitting gear is a WRL Globe Scout for low power operation and a Collins 32V-3 driving a gallon final with push-pull 250TH. This rig is all band bandswitching and feeds wide spaced 4-element 10-meter beam, 3-element wide spaced 20-meter beam and 80 meter doublet. Home brew antenna tuner, balun coils, fone match, Viking VFO and beam rotator completes the gear. Frank works mostly 20m DX and local rag chews.

(Continued Page 6)

## NEW MEMBERS

At our first meeting of the year, the club recruited five new members: Beth Ann Fletcher, Art Stadler, ØQMD, Fred Schallert, ØGLL, Clarence Draper, 8KLP/Ø, and Herb Griess, ØQNZ. Art is employed by Pillsbury, Fred works for the CAA while Al (8KLP/Ø) is an EE and is MARS Director at SAC here in Omaha.

## LISTENING POST

By L. F. Caccomo,  
WØNMN

A recent big fire at the World Radio Labs, in Council Bluffs, completely razed the building and practically all radio equipment housed therein. However, there was a good portion of radio equipment that was salvaged that was in fairly serviceable condition. Leo had a fire sale Sunday, January 24 and continued through the week. The sale was held in the adjoining building at the site of the fire. The hams were very well represented Sunday the sale which proved to be a regular grab-bag affair. First come, first served. The goods were laid out over the counters and all were given a fair chance to barter. The prices were fairly reasonable.

One word of caution: The equipment was pretty well saturated with water and fire fighting chemicals and in time these chemicals will deteriorate some components. Although your purchases look as though they were reasonably clean and undamaged, you should wash and rinse them in a light solution of soap and water, preferable a detergent, and rinse thoroughly in clean water. Then it should be baked in an oven at approximately 110 degrees until completely dry. Your reporter quotes this after a sad experience and had to go back for a second helping. Take it for what it's worth. To those who keep asking the same question--yes, the World Radio is back in business at 3415 West Broadway--their new building in Council Bluffs. (This is not a commercial and no remuneration of any kind has been expressed or implied)--(Or received either!! Ed.)

## ARC Property

The Ak-Sar-Ben Radio Club after a very successful ten years has acquired some property. This property is spread out among various hams of the city. This property attests to the fact that the club is active and striving to better amateur radio in this area.

As the years roll on the acquisition of property becomes more necessary for our activities and helps expand our activities. Once the problems of organization were overcome and the operation of the club becoming more smooth, effort was turned to acquiring equipment. For the most part the funds for acquiring equipment came from the clubs funds. Some of the property was received as a gift.

At this writing the club's belongings are scattered over much of the city and an effort is being made to list it and provide the list for all members to investigate. It would be appreciated by the club board to receive a card from members knowing of any equipment not listed in this article.

A little used item owned by the club is a Micro-Match.

Two command transmitters complete with power supplies for 20 and 40 are available and were originally built with gifts of members for Field Day.

A little known club plaque is held by one of the past presidents.

There is a triplitt modulation meter and a Scope.

The club trailer and twin three thousand watt AC power plants are well known to most. The trailer mounts four forty-foot masts complete with guys and stakes.

Of course the usual gavel and bank book etc.

This equipment is for club use and for members to call upon. The responsibility of the use rests upon every member and upon the officers. Contact your officers regarding the use and location of equipment and if you have knowledge of other equipment belonging to the club.

## 2,000 Millimeters and Down

By "Herb" Curry WØQXR

As was pointed out last month, there is room in the 144 Mc. band for you. If you are griping about QRM, SSB, TVI and other interference on the low frequencies, let us invite you once more to claim yourself a clear channel on 2,000 millimeters. It's the band with a future. It's like garlic on your steak. If you never try it you can never know what you are missing. So, build up a simple converter and transmitter - as shown in the "hand book" and a good antenna, then set yourself down to some good SOLID QSO'S.

RTTY is a natural on "2" and this is what we would like to see for a beginning. There is a RTTY station in North Platte, Grand Island, Lincoln and Omaha. It is possible that contact could be established between NP and GI but it is likely that the noise level would be such that repeating would be poor, if not impossible. Therefore, we should have a transmitter receiver for a repeater in or near Kearney, another repeater between GI and Lincoln and between Lincoln and Omaha.

This is all that would be required at a repeater point: Two fairly good two meter antennas, one quiet receiver and one transmitter - 10 to 100 watts. The original signal transmitted from NP would be received at Kearney on the repeater antenna and turned in on the receiver, fed to the transmitter at audio level and monitored on the speaker; re-transmitted on a new frequency to GE; received, monitored on RTTY and re-transmitted on a new frequency, etc. As you can plainly see, this requires three people who are willing to pick up a signal and re-transmit it without having a chance to say anything or take any active part in the RTTY transmission at least for the present. However, those who take part in a project of this kind, I believe I might be free to say, would be first in line to receive a teletype machine when it becomes available.

(Continued page 6)

### MINUTES OF LAST MEETING REVIEW

Meeting called to order at 8:10 by the new president, WØIOS. About 60 were in attendance. OLD BUSINESS. The call book of Nebr. ham call letters and QTH's will be on sale soon. The price is to be 75¢ to cover cost of supplements.

The new board members are: Dick Eilers, Ray Strange, Art Gaeth, Herb Curry, Garry Greenwell, George Fox and Ben Fischer.

Earle Olson was elected club Trustee for WØEQU.

The raffle was won by Ray Strange. It was a 3983Kc. xtal, donated by Petersen.

A motion to increase the cost of the raffle tickets was voted out.

Jerry-NKG was put in charge of refreshments for club meetings.

Insurance for the club trailer was discussed, and to be reported on, by the board.

George Fox was to contact the Sheriff to see if the HAM's could be of service.

IOS is to contact the March of Dimes Chair-  
r and advise that the club will give full support with mobile units.

To back up Nebraska's argument for a single plate, the club is going to try and get plates from other states.

New members are Art Stadler-WØQMD, Fred Schaller-WØGLL, Clarence Draper-8KLP/Ø, Herb Griess-WØQNZ and Beth Ann Fletcher-YL/NPA.

A technical committee is being set up to help fellows with problems that stump them. The names will be given out, with the phone numbers, at the next meeting.

A demonstration was to be given to the Engineers Club of Omaha on Jan. 13, to familiarize people with the art of HAM radio. The demonstration was to be put on by Tom-AQJ, Frank-IOS and assisted by George-AEM and Johnny-PHW.

### OUT OF TOWN NEWS

The initial issue of the "REVIEW & PREVIEW", the North Platte Amateur Radio Club's paper was received here together with a nice letter from Bill Lemons, WØIBA, club president. Keep up the paper-- it's a dandy and sure will mean a lot to your club. Good luck to the new "Review & Preview."

Congrats to the North Platte club on obtaining a meeting place which can also be used for emergency gear at the Sheriff's office in that town. Wish all the clubs in the state were as lucky!

The NE Nebraska Radio Club met at WØDHO's place in Wisner during December and the following were elected officers for the coming year: DHO president, APS secretary and ZUT treasurer. It was the first time in several years that all members were present. SSB was the main topic of discussion with several new stations added including NVE and UWU of Fremont. The club also had a visitor from Lincoln--RYG who also has a new SSB rig. Two new harmonics were announced by club members. NVE has a new jr. op and a new YL at AZH's. Listen for GYM and WQE on SSB.

A new ham on the air at Gering is Louis Philippi, WØQKR who received his ticket in November.

Orlo Bonner, WØJHI reports that he has moved back to his former QTH--Scottsbluff and that ØTHI will be the EC in that town and will be back on the Nebr. net as of February 1.

Noel Harman, WØAPK, finally got his new, all band, VFO, mobile rig in operation and often hears the Omaha gang but so far hasn't been able to QSO them. He says he'll probably take a try from the top of Pikes Peak to get the job done. Let's all take a look for ØAPK/M.

## 2,000 Milimeters continued

SO-O-O-O-O-O lets hear from some volunteers. Next month the SCOPE AND PURPOSE OF THIS PROJECT.

More on VHF from our readers.

Al, JJK, reports that he is mobile on 420 Mc. He held a mobile to mobile QSO with Bob, FRN in Omaha.

Johnny, UFD, and Ed, UEV, are on two with Gonset communicators.

Radio controlled model planes and boats seems to be all the rage. You can buy the gear ready wired or from various ham magazines and aircraft magazines secure the circuits. Johnny, UFD, is building a model boat which will be RC.

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## March of Dimes continued

Operation started at seven and the last mother was returned home at twelve forty-five. There 115 calls received by 10 mobile units. During the evening the ten units travel at least 750 Miles in the city. We are happy to say that there was not one mechanical or electrical failure to marr the operation. The following: AEM, in charge of the operation, PXJ, JJK, QAB, YMU, AQJ, IOS, PHW, WR, and LHZ operated their mobile gear.

The control station was manned by QHG, NPA, NRS, JKE, PXR, and BTE. Official dispatcher for the campaign was FQB.

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AK-SAR-BEN RADIO CLUB  
Box 626  
Omaha, Nebraska

Please send me \_\_\_\_\_ copies of the Nebraska Call Book.

Enclosed is \$ \_\_\_\_\_ at 75¢ per copy.

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

## Station of the Month--Continued

Franks mobile equipment consists of an Elmac Trans-citer, powered by a new F. B. kit type 500V, 250Ma. vibrator power supply. The converter is a Morrow 5BR, and antenna is a modified base loaded Master Mobile.

Congrats to W7IOS, Frank Cooper, for a bright, progressive career in ham radio.

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## Club House

Everyone is on the lookout for a suitable location, or should be. We plan to have several regular meetings at various locations, other than at the hotel.

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## FIRE SALE

We wish to call your attention to the fire sale now in progress at the old location of WRL. The equipment which went through the fire is being sold as is and will not be sold mail order or from the new building. It must be seen to be appreciated and we believe the store will open evenings until 8 and Sundays from 12.

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## LICENSE PLATE DOPE

Get your applications for your 1954 plates in. If you have not received an application write to Motor Vehicle Division, Owen J. Boyles, State House, Lincoln, Nebraska for application blank.

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## Want Ads

FOR SALE. 10A Exiter New last June. SX-43 receiver new in 1950. 807 linear and 304 KW linear. Also several rolls of #10 copperweld Ant. wire at \$7.50 per 1000 ft. Write Joe Brickner, Halsey, Nebraska.

For Sale. 250' coils JFD open wire line (450 ohms). \$5.50 per coil shipped prepaid. W7AQJ, 6704 N. 31st Ave., Omaha 11, Nebraska