



# HAM HUM

AK-SAR-BEN  
RADIO CLUB

WØEQU

April, 1952

P. O. Box 626

Omaha, Nebraska

Vol. III No. 4

## 10-METER ACTIVITY

In order to stimulate local 10-meter rag-chews, such as occurred in the late evening hours of by-gone days, the Club is undertaking a 10-meter project. The first phase is to design and build simple 10-meter transmitters. Rules of the design contest are submitted below. After the design is settled, the Club will arrange for the mass purchase of parts. Then comes the building; but of this in a later issue.

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## FELLOWS HERE IT IS

Comes FD or a CD Drill our club plans to be prepared. With the full cooperation of George Fox, AEM, and Frank Cooper, IOS, The club now possesses for free two, 3000 watt gasoline drive driven A. C. generators, donated to us with certain provisions.

The provisions state that the units shall be mounted by the club on a two wheeled trailer. One of the units to be removable.

These Fairbanks Morse generators will need some work, the parts if any will be provided for the club.

Here's what you can do. When you run across a cheap trailer or a straight front axle from an old car call Jerry Armstrong, NKG.

The final product will require a bit of building and some scrap pipe and welding. For the welding, we have a good man. Mr. A of Alco Radio who is very adapt at welding will do it for us.

When the generators arrive, we will need a lot of man power to overhaul them, if necessary, and then to construct the trailer for them. So roll up your sleeves and volunteer your services to get the job done when called

## APRIL 10 MEETING

Forrest F. Francisco, executive assistant in the Area Headquarters of the Northwestern Bell Telephone Company at Omaha, will present a lecture demonstration of "Speeding Speech: Operator Toll Dialing" at the regular club meeting.

Mr. Francisco's presentation is a non-technical demonstration of the latest scientific advance in 70 years of long distance research and development, which now is being used in more than a thousand cities and towns in the United States.

In the demonstration, Mr. Francisco uses a specially made telephone equipment board with which he shows how long distance calls are handled by operator toll dialing. Another interesting feature is multifrequency pulsing of telephone numbers. The new system cuts about in half the time it takes to make your call. The demonstration shows the touch of magic in the electronic equipment that makes this achievement possible.

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**NEXT MEETING**  
April 10, 1953  
Friday 8:00 P.M.  
Fontenelle Hotel

FROM "HAM RADIO TO PIGEONS"

Our reporters tell us that PXJ recently constructed a large triangular pigeon cage with 16 foot sides.

With a few adaptations, this monster was to serve two purposes, pigeon cage and 2 meter corner reflector beam.

But alas, on its way up in the air, gravity took over.

Bob now has his 50 watts on two feeding a 16 element beam. He has worked 100 miles into Iowa with good sigs.

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A nice letter was received from Pvt. Al Demorest from somewhere in Korea. Al mentions being in radio and radar repair work with not much to do until Joe Chink throws a few rounds of 105's into the equip. and then his work really begins.. Al says best of 73's to everyone and he hopes to be among the present at some future date. Not too far off, we hope.

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R. A. C. E. S.

What is the Radio Amateur Civil Frequency Service? The purpose of RACES is to handle civilian traffic in the event of emergency. RACES will be the only civilian radio service allowed to function by the FCC in the event of National Disaster, Atom bomb etc.

Possibly you have read in the March and April QST's a summary of RACES. We will not attempt to go into the workings of RACES, but only to bring to your attention the fact that the "Plan" is under consideration by the Omaha C. D. officials and WØYMU, Rolly Fried, has consented to become the Communications Officer if we, the local hams, will back him up with work as well as our vocal help.

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MINUTES OF THE LAST MEETING

The regular meeting was called to order by the club president QHG at 8:10 PM. After the communications were read by the secretary, the president presented a message from the Midwest Director concerning the annual ARRL directors meeting.

OLD BUSINESS

1. License plates--according to a report by Olson the bill (Nebraska) was dead and this was stated to have come from Senator Moulton. The club authorized the secretary to communicate with the National Civil Defense Director, former governor Val Peterson.

2. Field Day--consideration on the use of 40 meter phone for the field day was discussed from the floor. Details were left to the field day committee together with the executive committee.

NEW BUSINESS

1. It was brought to the clubs attention that an offer of two 3 KW generators at no cost was given providing the club would assume the job of overhauling and rehabilitating the complete units. This offer was mainly the results of two members of the exec. committee.

2. A club project consisting of a contest for the best acceptable design following by the construction of 10 meter flea power transmitters was announced by the president. It was stated that the rules would be forthcoming in a near future issue of HAM HUM and much interest and discussion followed the announcement. It was further explained that the purpose was to recreate interest among local hams in the use of 10 meters for local rag chews and to enable all members to become better acquainted with each other. It was moved by Guttman that the program be adopted and the motion carried.

3. The club pot luck get-together was brought up and received favorable comment but no motion being made the suggestion was referred to the exec. committee.

(Cont. to page three)

## OUT OF TOWN NEWS

Merle McBlain, WØFLL, has been transferred to Washington D. C. Her new QTH is 811 No. Garfield Street, Arlington, Va. New call is ? ? ? ?

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Al Fleming, 9WFK, is still kicking around in Chi. and expanding his operating table so all his equip. can be put on it.

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At last there is some sign of more 2 meter activity perking around town. In addition to Bob Ferguson, PKJ getting on with a 16 element beam, Johnny Leeder, UFD, and Eddie Hansen, UEV, have been on with the new Gonset 2 meter "communicator" for a total DX record of 600 ft. to date.

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Wendell-"Irish"- Larsen has his call now, WNØNPA and has been heard on 40 C.W. going great guns.

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FOR SALE OR TRADE:- Supreme 561 Signal Generator P E 103, Selsyns, other equip- contact Harold Cook WØKNT at 6919 Lexington St., Lincoln, Nebraska.

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FOR SALE:- One small type Prop-pitch motor. Absolutely new cndx. \$15.00. Not converted. FOB. Earle Olson WØJKE.

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## NATIONAL CONVENTION

July 10 to 12 at HOUSTON a postcard to "Red" WØCBH will get you the latest dope.

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## AT LAST

Ed Gutmann, CQX has finally completed the TV consol to end all TV combination consols after 18 months of hard labor etc.

A few of the built in features are, (1) a 630 type TV set with ample space for conversion to a 27 inch rectangular tube (2) a 12 tube all band radio receiver with push-pull 6L6 output into matched dual speakers (3) a Garrard 3 speed record player with a GE Reluctance turn-over cartridge and a pre-amp that has a manual bass and treble compensation network. (4) a Sessions clock that will turn either the TV set, the radio, or the record player on or off at the operators command. (5) a Gonset Tri-Band Converter installed in the front panel for 10 meter reception of Ham bands and for Band-spreading 20 & 75 meter phone. (6) a local-DX ant. switch for switching antennas depending on whether one is listening to local or DX stations. (7) a series-diode clipper built into the All-band radio to eliminate ignition noise whenever necessary. (8) Record storage space for 10", 12" and 7" records. (9) An amply stocked bar with 10 glasses that swing out on an "L" shape shelf for your convenience. (10) Built in provision to attach a Tape Recorder for recording or the play back of transcriptions thru the audio of the All Band radio.

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(Minutes Cont.)

The prize drawing was won by Stan Gerber.

One new member, Bernard Philips, WØIWK, 1711 So. 54th St., was received. *Philips*

At 9:30 PM the meeting adjourned to the Precision Products plant for the plant tour and inspection followed by refreshments.

(10 Meter Activity Continued)

## CONTEST RULES

1. Prizes:-1st prize, one-year subscription to QST and CQ.

2nd prize, one-year subscription to any one of the following - QST, CQ, Radio News, Radio-Electronics.

2. Transmitter should be simple, low-cost, low-power, have provisions against TVI.

3. Low-power means 10 watts input to the final, or less.

4. For low-cost, \$10 is suggested as a figure to shoot at, exclusive of crystal and mike.

5. AM phone transmitters only will be considered. Adaptability to use with emergency power will be a point considered in the judging.

6. Models, including circuit diagrams and parts list, must be submitted to one of the judges on or before May 31.

7. Winners will be announced at the June Club meeting.

8. Decision of the judges is final. The judges are: Curry, Kramer, Leeder.

## VARIA

Fourteen-year old J. J. Scott, WNØKGA, of Omaha, writes that he is preparing to drop the N from his call at the next license exam. More power to you, Scottie.

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In case you fellows don't know it, Butch at Hebron, Nebr., has two calls WØDMY and WØCII. DMY is his home station, CII is at the Western Union office where he works. The two stations have enabled him to keep in touch with both the phone and cw nets during emergencies with the greatest of ease.

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A card from him says: "Like to see you hams increase Watts and Coverage of TV stations.... Ready to sell my 20 meter 2 element beam and pair of new 805, zero bias modulator tubes....With TVI so easy, I'll let them try reading my electronic keyer instead of Turner Xtal mike!" Don't let it get you down, Butch; TVI is wonderful. Just think of all the pretty designs you can make on the TV screens!

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FCC exams will be held in Omaha in the Post Office building, fourth floor. Commercial exams on Wednesday, April 22, amateur exams on Thursday, April 23.