



# HAM HUM

Published by  
AK-SAR-BEN RADIO CLUB, INC. - Omaha, Nebr. 68101  
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Vol. XXV  
No. 7

July 1975

## NEXT MEETING

WHEN: FRIDAY, JULY 11, 1975

TIME: 7:30 P.M.

WHERE: COMMUNICATIONS WORKERS OF AMERICA  
1920 South 44th Street, Omaha, NE  
(Ground Floor Entrance - plenty of parking.)

PROGRAM: FRANK M. WOLCZAK, WAØIWF, will give a slide presentation and talk on local area repeaters. (Here's your opportunity to get to know the inside story of your repeaters, who maintains them, their value to the Omaha area, etc.)

Frequency measuring equipment will be available at the meeting to check individual transceivers. (Bring your instruction manual and power supply if normally used. 12 volt battery available.)

\* \* \*

REFRESHMENTS - EYEBALL QSOs - VISITORS WELCOME

**HAM HUM** is the official organ of the Ak-Sar-Ben Radio Club, Inc., of Omaha, Nebraska, mailed monthly to all members and to others upon request.



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Regular member and XYL ..... 9.00  
Student member ..... 3.50  
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New member initiation fee ..... \$1.00

**Quarterly for balance of year:**

Regular member ..... \$2.00  
Regular member and XYL ..... 2.45  
Student member ..... 1.00

## THANKS FROM IOWA S.C.M.

We quote in part a letter received by Arthur R. Gaeth, WØFQB, from Max R. Otto, WØLFF, Iowa S.C.M. Midwest Division ARRL;

Hi Art:

Thank you for your letter with all the information about the help the Iowa "hams" gave Omaha during your terrible tornado. I called the Red Cross in this county, and told them I could get H & W information, and they gave me about 6 pieces of traffic, and that was all. I guess very few people in this county know anyone in Omaha.

During my short bit of traffic handling with WØCQX, I was very much impressed with the professional way the operators operated. I don't know their own calls, but I wish you could pass on my remark to them.

I was also glad to hear that the CB boys were pressed into service. I think

there are quite a few good potential Amateurs among the CB ranks, if they just had someone to lead them. I have converted 2 in this area, and was able to steer another prospective one into ham radio, and now he's Advanced.

I've got a long way to go to equal your experience. I've hammed since 1932, and just retired from the FAA last May. I'm in my first year as SCM.

\*\*\*\*\*

## NEW REPEATER IN THE AREA

WRØAJT - 52.76 IN; 52.525 OUT. Presently on the air with minor desense problems but another cavity should fix this. It should be fully operational by press time.

WØQMC

\*\*\*\*\*

## JUNE MEETING

Our thanks to Frank M. Wolczak, WAØIWF, for bringing to us slides of the tornado. These slides, taken from a helicopter and on the ground, gave us a picture story of the entire tornado area and were taken within a few days of the tornado itself. Frank narrated with the slides and gave quite a number of the tornado stories that pointed out the extreme forces of mother nature. He indicated he had over 300 slides but did drop it down to 100 or so for the meeting due to the time limitations. It was an excellent presentation!

Frank also brought his video tape machine which was used in recording the disaster area from the helicopter and let us observe it on the monitor. This was particularly impressive in that the recording was made on one-quarter inch magnetic tape. Many thanks, Frank, for bringing this to us.

\* \*

August 8th meeting — Al McMillan, WØJJK, is working on an antenna presentation, particularly for HF.

\* \*

September 21st (Sunday) will be the annual outing at the City Park, Missouri Valley, Iowa. See details in next issue.

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## NOTES FROM MEMBERS

Thought I would tell you about another use for an electronic calculator. I use mine as a scratch pad when I use the telephone. My Sharp calculator has room for all digits of a  
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telephone number and I punch in the number and then dial what the display shows. This saves on scratch paper. One hint is do not leave the power on when you are finished; then it might become expensive, i.e. new batteries.

Charlie, KØQVL

P. S. Check for repeater fund enclosed.

\*\*\*\*\*

## RECENT CONTRIBUTORS

### Repeater and Autopatch

Edward C. Eichler, WBØBCB

### Repeater

Harold M. Abrahamson, WAØORC

Charles A. Michel, KØQVL

Russell A. Minks, WAØVEE

Damon B. Nuckols, WØUIO

Malcolm E. Reed, Jr., WAØRPW

Bernard K. Skoch, WA5VPE

David N. Smith, K3CRF

\*\*\*\*\*

21 May 1975

President

Ak-Sar-Ben Radio Club

Dear Sir:

On behalf of General Pontiac, Inc., I hereby contribute to the Club all monies realized from the sale of three antennas at the recent auction.

I was very proud of the Club's action during the recent tornado.

73,

F. H. Griswold, KØDWC

\*\*\*\*\*

## FIRST AID CLASSES FOR AREC MEMBERS

By—Bob Lockwood, WAØDHU

During the week of June 9 to 13, members of Douglas/Sarpy County AREC took a multi media course in first aid at the Red Cross Chapter House. Among those in attendance were Ed, WBØBCB, John, WBØCMC, Ray, WBØPGX, and Bob, WAØDHU. Also in attendance were others who are not amateurs.

The class was condensed but complete in the basic area of first aid, a well coordinated course of study.

The four amateurs represent a nucleus in the AREC along with others in AREC who already carry Red Cross first aid cards. This is a very important group of people within AREC. Important because of the fact that we, the AREC, are among the first to enter a disaster area. Let us think of how helpless one would feel if he were confronted with a badly injured person who needed help now. If he was not qualified and did not know what to do, a life could be lost. We were real lucky during the tornado of May 6 that we did not have much human injury. Nevertheless we could have had many. We were not prepared. This was one of our weaknesses.

I would like to suggest that all members of AREC should carry Red Cross first aid cards. This can easily be done. The courses are short in duration, three nights, they are free, only the text manuals involve cost. They give good practical experience. They qualify one to be in a position to save lives. We as emergency communicators must be prepared to handle the job. Let us rectify this very

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important weakness. Let us train to be qualified to administer first aid.

All interested in taking the first aid classes should call Bob, WAØDHU; home 451-7233; work 558-1000. Give full name, address and phone number. Classes will be arranged.

\*\*\*\*\*

## NOTES FROM READERS

Hi Dick, WØYZV  
Editor Ham Hum

I have been receiving Ham Hum for some time now. Sure do enjoy it very much. Have intended to rite you and express my tnx. As I have moved to Colorado, would you change my mailing address to: Osa Garber, K7ITH, Route #1, Box 176, Kersey, Colorado 80644.

P.S. Am sending a little to help with postage. Keep up the good work.

(Ed. Note: Thanks for generous check to help with Ham Hum postage.)

\*\*\*\*\*

## GET A RECEIPT, BABY!

The Dutchess County (N.Y.) grand jury recently handed down indictments charging a number of hams with receiving stolen property. It seems that a number of Motracs and other FM radios had been stolen over a period of years from the railroad and sold via local hamfests. Now the buyers have to try to prove that they bought the radios or traded them. Naturally no one has any receipts.

de 73 Hotline No. 23  
via Ground Wave, Minn.

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## TRANSMITTER HUNT

By—Bob Lockwood, WAØDHU

A transmitter hunt was held Sunday, June 15th, in Omaha on frequency 146.52. The foxes included Bob, WBØLYU, Jon, WNØMKN, Tom, WNØLJY, and Bob, WAØDHU, who hid at Freedom Park where the USS Hazard and the Submarine Marlin are located.

The hounds consisted of Harp, WBØMWB, and John, WBØCMC. Harp was the first to locate the fox. He did the job within 45 minutes of the start of the hunt. Poor John had problems with his loop which gave him erroneous results. The result, he had a grand tour of the Omaha area.

After the hunt, WBØBCB, Ed joined us at the site and we enjoyed coffee, pop, etc. and a real generous helping of fellowship known among hams as an eyeball QSO.

The next hunt will be the third Sunday in July, July 20th, on 146.52. The rules include that the transmitter shall be hidden within the city limits of Omaha, 15 seconds out of each minute shall be on-the-air time for fox. He shall have good enough signal to be heard across the city with good equipment.

The hounds shall not use their base equipment and shall not coordinate efforts between mobiles.

The prize will include a pot consisting of fifty cents from each hound and fifty cents from the fox.

Cappy hunting you hounds. The fox can get foxy. Hi Hi!

\*\*\*\*\*

## ADDITIONS TO ROSTER

James M. (Jim) Babcock  
7518 Arrowrock Drive  
Omaha, Nebraska 68157  
Phone: 733-4270

John M. (Jack) Branstiter, WØGJM  
P. O. Box 156  
Brock, Nebraska 68320  
Phone: (402) 856-2345

Robert F. Miller, KØZLY  
112 North 43rd Street  
Omaha, Nebraska 68131  
Phone: 556-3478

John Raleigh, Jr.  
657 North 86th Street  
Omaha, Nebraska 68114  
Phone: 391-2709

David N. Smith, K3CRF  
3101 Washington Street, Lot 98  
Bellevue, Nebraska 68005  
Phone: 291-1436

\*\*\*\*\*

6/10/75

Ed. Note to WAØLHC:

Thank you, Jim, for your comments re the article recently appearing in Ham Hum. As you know, these articles are "stolen" from many other exchange Ham publications. Therefore, we cannot express or imply that any circuit or article is guaranteed to work. In fact, I know of a circuit for a code-practice oscillator which we ran a couple of years back that could never work, once you get to examining the circuit! Unfortunately we just don't have the time or test facilities to determine whether a circuit is OK or not. It's strictly for the experimenter to try.

Tnx. John, WØWRT

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OMAHAWKS R/C CLUB INC.  
7817 Seward St.  
Omaha, Nebraska

June 24, 1975

Ak-Sar-Ben Radio Club Inc.  
P. O. Box 291  
Downtown Station  
Omaha, Nebraska 68101

Gentlemen:

On behalf of the Omahawks R/C Club I would like to thank your club and the following members for helping in our first cross country rally.

Rick - WAØROP Duane - WBØDSC  
Ed - WBØBCB Russ - KØHTO  
John - WBØPEX Butch - WBØNGD  
Bill - WAØZUR Jon - WBØMNB  
Joe - WAØWRI

The event was very successful and I think your members enjoyed it as much as we did.

The fact that two clubs of different hobbies can join together in a common event proves that this country is made up of good people, and I think we have some of the best in our two clubs.

If you have any suggestions that might make this a better event in the future, please let me know.

Sincerely,

Dean Copeland

DC/jr

\*\*\*\*\*

A stereophonic politician is one who talks out of both sides of his mouth.

from Service  
\*\*\*\*\*

OOPS!

Here are the nine most common operating errors on the repeater lately. As the repeater usage increases (we are already averaging 112 hours a week) we need to work on these problems. I doubt if there are more than one or two repeaters in the country more active than ours, and as a result, operating errors are real trouble. These problems wouldn't be so frustrating if they didn't happen over and over again every day. Watch your operating!

- 1) Break without call sign,
- 2) Break with no useful traffic,
- 3) Failure to direct the QSO to the next station,
- 4) Failure to ignore interference,
- 5) Long-winded conversations,
- 6) Button-pushing,
- 7) Comments without a call sign or failure to ignore such activity,
- 8) Constant call signing, and
- 9) Failure to listen before coming on the repeater.

All of these errors are either illegal, rude, or asking for trouble; and you hear the disaster from bad operating every day. Have fun on the system, but please be careful. Sometimes it takes the repeater many minutes to recover from bad operating.

BDS Chicago FM Club  
de Squelch Tales  
\*\*\*\*\*

Ain't It So?

When vacation is over you'll often find

As you give it a backward look  
You could have made out with half the clothes

And twice the money you took.

from Service  
\*\*\*\*\*

# HAM HUM SWAP

FOR SALE

OR TRADE: Model HQ-1 Mini-Quad, AR-22L Rotor, W2AU Balun, and 10' Mast.

F. H. Norton, WBØJPP, 10609 Hilltop Road, Omaha, NE 68134; phone 571-2968.

WANTED:

Used 3 Band Beam or Vertical.

KØHTO, Russ, 2016 Clarmar, Fremont, NE 68025

FOR SALE

OR TRADE: Swan 270B xcvr with AC/DC supply. Sell or trade for 2 meter gear.

Bernie Chap, WBØEYT, 4656 Harrison St., Omaha, NE 68117; phone: 731-0128

FOR SALE:

Kenwood TS520 HF Transceiver, 80-10 M built-in AC/DC Power Supply. Mostly solid state radio with 6146 finals.

Call Rick Brown, WAØZQX; phone 341-1529

FOR SALE:

RCA car fone complete with cables, mike, speaker, control head (modified for use with touch tone pad), manual, 22/82 and 34/94 crystals with ovens. Fully operational. Best offer.

Dale Diamond, WBØGXJ, 801 South 78th, Omaha, Ne 68114; phones 393-5884 (home) and 453-1555, ext. 3 (work and best no.).

FOR SALE:

One old office desk with a 34" x 60" top. Ideal for your radio operation.

Call Jim Anderson, KØDNE; phone 344-3637

FOR SALE:

Regency HR2B with 12 Xtals - \$200.00;

Cushcraft 4 EL 2 meter beam - \$12.00;

Radio Shack Rotor - \$25.00. All excellent condx. Also Viking Valiant Xmtr.

Don Novotny, WBØDRS; phone 572-8395.

FOR SALE:

HAL ST-5 Rtty Converter - \$60.00.

Dick Stedman, 2766 - 36 Ave.,

Columbus, NE 68601; phone (402) 563-1988

FOR SALE

OR TRADE:

Heath DX-60 with HG-10B VFO - \$75.00; Hammarlund HQ-110C with speaker - \$115.00; or \$180.00 for both. Will trade for 2 meter HT.

Steve Hutchinson, WBØGTJ, 2104 Alberta Ave., Bellevue, NE; phone 734-3296.

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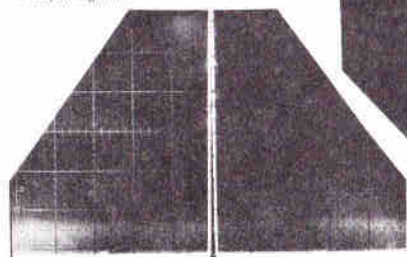
# Hobby Industry

## for the CLEAN signal

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**\$325.00** ✨

Spectrum scan from 122 to 172 MHz of an RP synthesized radio shows the output to be completely free of spurious output signals.



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similar to crystal output

- **FULL 2 METER BAND COVERAGE:** 144.00 to 147.99 MHz. in 10 KC steps
- **LOW IMPEDANCE (50 ohm) OUTPUTS:** Allow long cable runs for mobiles
- **TRANSMIT and RECEIVE OPERATION:** SIMPLEX, REPEATER & SPLIT MODES
- **FAST ACTING CIRCUIT:** 0.15 second typical settling time
- **ACCURATE FREQUENCY CONTROL:** .0005% accuracy
- **STABLE LOW DRIFT OUTPUTS:** 20 Hz per degree C typical

ANY FREQUENCY IS YOURS WITH THE MFA22 SYNTHESIZER, WHEN COMBINED WITH YOUR 2 METER FM TRANSCEIVER—144.00 TO 147.99 MHz, BOTH-TRANSMIT & RECEIVE. THE MOST IMPORTANT OF THE FEATURES IS THE SPURIOUS FREE OUTPUT! AS CLEAN AS YOUR RIG WITH CRYSTAL CONTROL, WHEN PROPERLY CONNECTED. HIGH ACCURACY, MAINTAINED BY A 5MHZ CRYSTAL. COMPENSATED TO 0005% & BETTER, AND USING TOTALLY DIGITAL PLL. EXCLUSIVE LEVERWHEEL DIALS FOR EASE OF SETTING. NOT INEXPENSIVE THUMBWHEELS. JUST 4 CABLES TO CONNECT MAKES IT EASY.

RF OUTPUT IMPEDANCE 50 OHMS: 1 VOLT TO TX AND ½ VOLT FOR RECEIVER. POWER REQUIRED: 13.6VDC NOMINAL AT 800MA. (MAX. 16V & MIN. 11.5V) SIZE: (HWD) 2.25 X 6.75 X 9" & 3½ LB NET SHIP. WT. 5 LB.

SPECIFY TX CRYSTAL FORMULA (f/12, f/18 ETC.) SPECIFY RX CRYSTAL FORMULA (I. F. FREQ. & I F HIGH OR LOW INJECTED) IF YOUR RADIO USES CRYSTALS ABOVE 20MHz YOU MUST BUILD OR ORDER A FREQUENCY MULTIPLIER STAGE. IF YOUR XTAL MODULATED ORDER VCO.



AL - W0JJK

Options & Accessories: ✨

- \_\_\_ Extra power/input-output connector \$4.00 ea.
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- \_\_\_ FM modulation (modulated VCO) (add \$5.00)
- \_\_\_ 5 KHz frequency steps (add \$50.00)
- \_\_\_ Extended frequency range (add \$55.00)
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