



# HAM HUM

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IC-22S

## OMAHA AMATEUR CENTER

5347 No. 30th Street Omaha, Nebraska 68111 (402) 453-3344

Ray Kydney, WAØWOT

Loretta Kydney, WBØMNL



MLA-2500

Hours: Monday thru Friday — 10:00 AM — 5:30 PM  
Saturday — 10:00 AM — 4:30 PM

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

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**AK-SAR-BEN AMATEUR RADIO CLUB, INC.**  
 Post Office Box 291  
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**Dues-Annual Basis**

(Due and Payable each January 1.)  
 New member initiation fee . . . . . \$ 1.00  
 Regular member . . . . . \$10.00  
 Regular member and spouse . . . . . \$12.00  
 Student member . . . . . \$ 4.00

**Dues-Quarterly Basis** (For each quarter or part thereof for balance of calendar year.)

New member initiation fee . . . . . \$1.00  
 Regular member . . . . . \$3.00  
 Regular member and spouse . . . . . \$3.60  
 Student member . . . . . \$1.05

**NEXT MEETING**

**WHEN:** TUESDAY, JUNE 13, 1978

**TIME:** 7:30 P.M.

**PLACE:** JEWISH COMMUNITY CENTER  
 333 South 132nd Street  
 Omaha, Nebraska 68154

**PROGRAM:** EMERGENCY MEDICAL SERVICES (E.M.S.)  
 Glen C. Pollock, WAØFMY, from the University of Nebraska Medical Center will present paramedic equipment and its use here in the Omaha area. When this equipment is eventually put into operation, it will help save many lives. Radio plays a key link in relaying vital signs when an undetermined injury may mean life or death to a victim.

73s  
 WBØPHP

\*\*\*\*\*

VISITORS WELCOME - REFRESHMENTS - EYEBALL QSOs  
 \*\*\*\*\*

## THE PREZ SEZ

Now I know what the other presidents have been telling me. At the half year point now and reviewing the recent happenings, the Omaha area can be proud of the presence of this organization. Participation and cooperation are very evident within the Club. You are a fine group to work with.

If you have not been asked to participate, don't think you are not needed. Please volunteer. For instance, the programs you see monthly. Without these talented people giving their time, we would not have much of a meeting.

There is a job somewhere for everyone who wants it. The job does not have to be large and time-consuming if you can't spare it. A real opportunity occurs this month when we have an encounter of an unusual kind during Field Day. As WØEKB, John stated at the last meeting, this is an emergency preparedness exercise, just as all of our non-emergency communication practices are a test of our skills, except this one is a standout. We can enjoy this while doing our thing. There is probably no good reason for you to miss this day of fellowship, fun and success.

The snag in the repeater move appears now to be insurmountable. The offer by W0WT still stands that we may have space on their tower. However, the FM station we would have replaced and therefore used the existing 400 feet of hardline, has negotiated that they remain on the tower. It would cost between 3 and 4 thousand dollars for us to purchase hardline, connections, antenna and have them placed. We have considered

lowering the antenna height, using coax of greater loss, etc. The cost of installing the line on the tower is a controlling factor, making most any quality installation impossible within our economic constraints.

My thanks to WØUQJ, Bob for a great job in giving good advice, with constant communication going, during the attempt to move the repeater. The Repeater Committee was abreast of the situation and met to consider alternatives to improve our current system. The Board heard their recommendations and acted to provide a crystal filter at the receiver site, and also to purchase a better receiver when one might be available. This will allow better audio quality to enter our split site system with improved intermodulation rejection. The 50-60 watt transmitter at the Chapter House would then be used. If you recall, the audio from the information tapes on the transmitter is good; the receiver is the problem. The squelch is expected to be set for sensitivity around 0.3 microvolts then. The single site repeater will then be moved to another site, being selected by the Repeater Committee. Several sites are under consideration and the Committee will try to finalize positioning the machine soon after the split site has been improved. In the meantime, Board action instructed that the repeaters in the system have their c.w. identification changed to the call WØEQU, since WRØABQ is not renewable. Many thanks to WBØCMC, John and the Committee for their hours involved in finding and recommending improvements and additions.

WBOUEB, Ted and WBØTVP, Bob have begun strengthening the large

trailer with steel. Some volunteers will be sought as work progresses. It is expected that the trailer will be a showpiece with the new shell and paint job. The Board instructed that the Club logo be added to the exterior.

WOPYA, Larry and WBØQPP, Scott gave a fine program at our May meeting. We all must now have a sharp eye out looking for SSB eleven meter rigs. The converted CBs sounded fine, especially that new mode called AM - hi!

As a closing note, other than inviting you to our upcoming meeting, I would offer this thought. Start thinking about the WARC International Meeting in 1979, and what are you doing about protecting our frequencies through your good use of them and your activities in amateur radio.

Save June 24 and 25 for your hobby.

Jim, WBØQGV  
\*\*\*\*\*

## 40/00 AUTOPATCH

There is a new feature on the 40/00 autopatch. A circuit senses the phone line and if a number is not reached in 25 seconds or so, it dumps the patch. The advantage of this is, if one cannot dial a number, even though he manages to get dial tone, or shut off the patch, it will do it by itself. Therefore, one should never hear the recording "Your receiver has been off the hook...." Once a connect has been made, the circuit will not function until 25 or so seconds after the party called has hung up.

John Gebuhr, WBØCMC  
\*\*\*\*\*

## ARES

ARES is more prepared to conduct severe weather watches this year than ever before. Augmenting our operation is the recent donations of equipment.

I want to thank Mr. Jack Brese for the donation of several VHF antennas. These will be used for relaying information from various repeaters, as well as long range simplex operation on special events and emergency operations. Already ARES has used these antennas to maintain communication via 34/94 during the Omaha Peddlers Bicycle 100 mile race on May 14th.

The AkSarBen Amateur Radio Club has been kind enough to begin the large scale long range donations. Already they have purchased two meter transceivers, antennas, power supplies, and other equipment from the proceeds of the annual spring auction.

The total ARES operation depends on the reliability of the people and the equipment. If you would like to donate to this worthy cause, please contact me or write to the AkSarBen Amateur Radio Club, P.O. Box 291, Omaha, NE 68101.

73s,  
Bob Neben, K9BL  
\*\*\*\*\*

## MEMBER NEWS

New addresses: William L. Gray, WBØTWE, 695 Dillon Way #205, Aurora, CO 80011; Michael L. McAllister, WBØDXA, 1521 Lamplighter Lane, Fort Worth, TX 76134.

\*\*\*\*\*

NOTES FROM MAY 16th  
BOARD OF TRUSTEES  
MEETING

A lengthy discussion was held on the Club's insurance liabilities and types of policies necessary to carry. Deborah Willmer from Alexander & Alexander Insurance Co. was present to assist. Prices and figures for new insurance will be available at the June Board meeting.

A one-hour discussion was held on repeaters. Motion was made by Bob, WBØLYU, to allow the Repeater Committee to buy a crystal filter and receiver for the 2 meter repeater 146.34 as soon as possible. Up to \$450.00 was authorized for this project. Motion was seconded by Bob,

WØUQJ, and approved by the Board.

Motion by Bob, WØUQJ, to allocate \$300.00 maximum for food and miscellaneous items needed for Field Day, to be held June 24th and 25th. Motion seconded by Bob, WBØLYU, and approved by the Board.

President Jim Peterson said manuals should be ready at the next meeting for members interested in being checked out to operate equipment at JCC.

Robert R. Chereck, Sr., WBØTVP  
Secretary

\*\*\*\*\*

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## VHF COLUMN

First things first; the Sidewinders on Two (SWOT) Net has moved in frequency to 144.250 MHz to comply with most other SWOT nets. Times and dates remain the same; KOPAY is net control.

The ARRL VHF QSO Party begins at 1900 UTC, Saturday, June 10th and will end at 0600 UTC, Monday, June 12th. Rules and other info are in May QST. This is the biggie of the year and all amateurs having the capability of VHF operation should get on and give it a go. It's fun!

Don't forget Field Day this year. If you are unable to come out to the Field Day site, turn on the rigs and give us some points. We'll have rigs on 6 and 2 going, SSB, CW, and FM Simplex at one time or another.

Solar Flares galore the last week of April and first week of May resulted in some pretty good propagation on both 6 and 2.

4/20 - 0010 to 0222, Aurora on 6 to Minnesota, North Dakota, Missouri, Wisconsin, and Kansas.

4/30 - 1600 to 0432, 5/1, the first E<sub>s</sub> since January to California, Nevada, Florida, Idaho, Alabama, Oregon, Washington, Texas and New Mexico on six.

5/1 - 0900, Aurora into New York, New Jersey area per WØEKB, on 2.

At 2153, Aurora to Colorado, Kansas, Oklahoma, Wisconsin, Illinois, Ohio, on two meters and Minnesota, North Texas, Illinois, Indiana, Ohio, Michigan, Kansas, and Missouri on six meters, til 0350 UT, 5/2.

5/3 - 2145 til 0230 UT, Aurora on both 6 and 2 to Minnesota, Iowa, Missouri, Kansas, Ohio, Illinois, Indiana; with Montana being worked on 6 along with North Texas, and Colorado being heard on 6 MHz via the Aurora. Oklahoma and Colorado were in on two the same time.

5/8 - 0100 til 0240 UT, E<sub>s</sub> opening to California, Nevada, and Arizona on 6. 1315 to 1330, open very weakly to Florida on 6. From 1545 to 1855 UT, open to Arizona, California, and Oregon on 6.

5/17 - 0059, opening began on 6 to North Carolina, South Carolina, Georgia, til 0330 UT.

5/18 - 0145 UT, opening to North Carolina & Texas til 0300, on 6.

5/19 - 2300 UT, open to North Carolina, Florida, til 0000 UT, 5/20 on 6.

The 27 day forecast for up to June 12th calls for the solar activity to be steadily increasing, with the formation of numerous new centers of activity on the sun. Solar-flare induced major geomagnetic storms are likely through 28 May to 7 June, bringing some possible Aurora during the QSO Party.

Congratulations to K5CM, Connie, down in Muskogee, OK, on working his 50th state on 2 meters, weak signal.

In talking to a few W6's, they advised that hams in the L.A. area were working into VK-land the week of 4/24 on 6 meters. Looks like things will be popping on the VHF bands this summer. Don't miss it. See you at the club meetings.

John Bruckner, WBØMRH  
\*\*\*\*\*

## LADIES ONLY

On the 18th of April  
In seventy . . . uh, '78  
Was a day that the FCC did not make them wait  
To use the privileges of the new licensee  
And so around here we heard---interim K.C.  
'Twas the voice of a woman on 34-94  
That inspired this writer to find out some more.  
A few land lines later and the ground work was down  
For a YL two-meter net around town.  
Arrangements were made for an eyeball QSO  
And the word for the net was certainly GO!

Now---the Eastern Nebraska YL two-meter Net  
Is open to all YL hams, you can bet  
The day and the place as many now know  
Will be each Monday night on 40-00.  
It's at 8:30 p.m. in summer or winter  
Check-ins are YLs who are technicians or better  
You are welcome whether you are young or old  
Feel free to check in--don't wait to be told.

On this YL net you are likely to find  
Some rag-chewing of a much different kind.  
Not rigs or antennas or twin-lead, you see  
But possibly hobbies or good recipes.  
Thanks to the OMs for your help with no fuss  
We appreciate your support for us.

..... Apologies for the "poetry" and many thanks to Loretta (WBØMNL), Rita (WDØFOX), Ellen (WBØHWF), and Irene (WBØMPC) for their organizational efforts. Check-ins so far have been: Rita, Ellen, Loretta, Irene, Jill, Jean (WBØQAY), Mary Lou (WBØUID), Amy (WBØUQI), Betty (WBØWFS) from Blair, Connie (WAØMYF), Marilyn (WBØUIH) from Blair, Dalene (WBØTTK). Won't the rest of you YLs come join us???

33s es hope to CUL  
Jill, WBØNYH

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## JCC NOTES

The Wounded Albatross is back up and flying again! With the help of Herb, WØQXR and John, WØCSH the 40 meter beam was repaired, modified and returned to its lofty position at the top of the pole on Tuesday, May 16th. It is now better than ever! Frequency was changed to present a 1.1:1 SWR at 7200 KHz and due to the high winds encountered at the site of our Club station outrigger, guying of the boom was done to eliminate "uplift" and "airplaning." The rotator mast was also replaced because of being bent by the winds during the winter months while "stored" half way up the pole.

Franz WØQFY, Leo WØGFQ and the undersigned operated the Club station utilizing WØEQU call on Sunday, May 14th, in connection with the Jewish Community Center's celebration of Israel's 30th year of Independence. Propagation conditions left much to be desired; consequently while we could be heard in Israel, it was possible to barely copy only a few of the 4X4's. Although considerable help was given us by the 4X4 Net Control Stations in Maryland and New Jersey, direct contact was not established.

As a result of advance publicity releases by Joe WØFWB to the News Media and KFAB Radio, and "on-the-spot" PR work at the JCC Sunday PM by Dick WØTMU and Charlie WØQQN, we received prime coverage by all three of the local television stations on their 10 PM news telecasts of our endeavor to participate in the Jewish Community's celebration.

Page 8

(Later information)

A number of the Club members qualified themselves for operation of the JCC station during the training sessions held by Franz, WØQFY. To make this certification more readily available to each of you, especially those with limited time for orientation, the instruction material, now fully illustrated by Franz, has been put together in booklet form and is in the hands of the printer. When received, it is anticipated a personal copy will be available for study prior to actual qualification sessions. These sessions will be scheduled on a regular basis much in the same manner as the FCC examinations are held. Interested members should look for the booklet at the next Club meeting.

Bob, WØUQJ  
JCC Liaison  
\*\*\*\*\*

## MANY THANKS

There was one thing that was forgotten at the last Club meeting. My thanks go to Mr. Dick Eilers for the fantastic printing work on the hand-outs. These came out better than my highest expectations. A job well done, Dick.

Also my thanks go to all concerned with getting the program scheduled. I had a wonderful time giving the presentation.

Those who have further questions on conversion of rigs to ten meters can contact me any time after 3:00 p.m. weekdays at 556-9648. If I am not there please leave a message and I will call back. Again, thanks to all.

Scott Persson, WØQPP  
\*\*\*\*\*

HAM HUM

June 1978

## BIKE-A-THON

The first beautiful Sunday so far in Spring, May 14, was the occasion of the Pedal Club of Omaha's Bike-A-Thon. It was originated from Haworth Park in Bellevue. WBØWOT, Scot Thompson was Control Operator, and assisting was WBØUQI, Amy Hohensee. We were later joined by WDØLOQ, Mike Bruning.

Starting time was 8 A.M. and WBØWOT went with the section called the Centuries. They biked 100 miles, and WBØUQI went with the Half-Centuries, which as the name implies, rode 50 miles.

Our participation in this event was to furnish communications between the two groups of riders. We were able to let the officials of each group know the progress and location of each other. Fortunately, everything went smoothly, as we would have been responsible for reporting any emergencies.

This is the first time the club requested radio communications, and they were very grateful to us for furnishing them. They said knowing the progress and location of each division saved many extra miles and gave them peace of mind to know everything was going well.

After the event was concluded, Pedal Club officials praised the communications of the radio club members and stated that they would never ask for communications assistance for future activities, and expressed their gratitude to the ARES people who participated in this activity.

We were also promised publicity in their publication, helping to let the

public know we are available for public service.

Letters of appreciation and slag car badges are being awarded to the Amateurs who assisted.

All of us there really enjoyed the weather and the chance to get out and offer our help, and we met very interesting people with a wide variety of conversation. New friends were made both personally and for the ARES Club. A truly wonderful time was had by all.

Credit for our success also has to be given to the 34/94 repeater. The range was very good and almost constant communication was possible.

Amy, WBØUQI  
\*\*\*\*\*

## ELECTION COMMUNICATIONS

On May 9, 1978 operators from the Ak-Sar-Ben ARC provided radio communications in Omaha's Primary Election for the Flying Inspectors. Operators who helped were:

WØQQN	WDØHPK
WBØCMC	WBØWIA
WAØHKT	WBØWYA
WDØBCP	WDØCSC
WBØQAY	WBØCSC
WAØPCC	WBØWYE
WDØLOQ	WØPYA
WAØDHU	WBØUQI
WBØWGN	

My thanks to these operators. Upon leaving the Court House, Mike Boyle had one last remark "See you in November."

De Scot, WBØWOT  
\*\*\*\*\*

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## ADDITIONS TO ROSTER

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11311 "S" Circle  
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Phone: 339-6427

Eddie J. Edwards, WDØGHA  
5616 Northwest Drive  
Omaha, Nebraska 68104  
Phone: 451-0263

Robert L. (Bob) Grinnell, WDØFDE  
11014 Harney Street  
Omaha, Nebraska 68154  
Phone: 333-0525

Edward J. Hofmann, WDØHBY  
1315 "B" Street  
Omaha, Nebraska 68108  
Phone: 733-1497

Dr. Arthur L. Larsen, WDØHFS  
3218 South 101st Street  
Omaha, Nebraska 68124  
Phone: 393-6108

W. L. (Tex) Pedigo, WAØOMB  
4824 North 56th Street  
Omaha, Nebraska 68104  
Phone: 451-1039

Dean E. Saeger, KØUCL  
201 Hopper Street  
Elkhorn, Nebraska 68022  
Phone: 289-2300

Clyde I. Underwood, WDØGGV  
9011 Burt Street, Apt. 206  
Omaha, Nebraska 68114  
Phone: 393-1463  
\*\*\*\*\*

## TEN METER PROJECTS

By Scott Persson, WBØQPP

Actually, this month there is no project described; but rather, an idea will be discussed. Since there are obviously more hams interested in converting rigs to ten meters, especially AM rigs, there is a need for activities when the band is not open. Things like transmitter hunts and the like are still far off, but the idea of a ten meter AM net is by far the best.

Since there is not as much activity on AM as there is on SSB, the question arises "What am I to use it for after I convert it?" Well, among other things on the net, propagation will be discussed. In addition to the use of the rig on the net, information on when and where to look for openings will be given.

This net will be exclusively for AM. It will not be limited to those with converted CB rigs; anyone with a rig that will go AM is very much welcome.

But now to the point. I need feedback on this idea. The net will be a success ONLY if those in it make it so. If anyone is going to convert a rig, has a rig already, or can go ten meter AM, get in touch with me and we can discuss it. You tell me what time and day(s) would be best. Suggested frequency is 28.80 MHz. Further information will be given out as it comes in. For comments contact: Scott, WBØQPP - 556-9648. 73's.

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### QSL SIZE

The U. S. Postal Service recently proposed several changes in the size requirements of letters and postal cards, and first announced that a June 1978

surcharge would be made on post cards, including QSL and similar cards, if they were smaller than 3½ by 5 inches. At the present time, according to the Postal Service, the surcharge has been postponed and no decision has been made regarding the imposition of the surcharge.

The minimum post card size standard requiring that the cards be at least 3½ by 5 is expected to go into effect December 1, 1978. Since most of the standard QSL cards are only 3¼ by 5½ inches, they will not be mailable after December 1. It is suggested that any orders, or re-orders for cards placed from now on include the specification that the size must be 3½ by 5 inches.

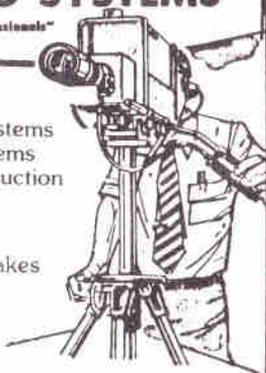
Watch your local newspaper for any further information. If I receive any more details from the Post Office I will advise the Club.

Samuel S. Kaplan, WDØBVH

\*\*\*\*\*

## VIDEO SYSTEMS

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## COMMERCIAL CODE PRACTICE

Over the years it has become well established that WIAW code sessions have been used by thousands of hams to learn and speed up their code ability. These schedules of code practice are published in QST and anyone interested can find a time and frequency to fit their particular needs.

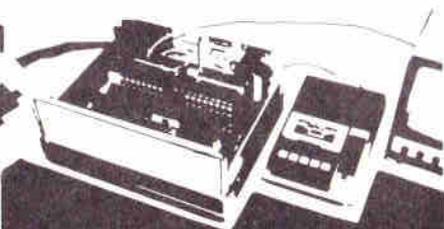
But what to do if you have a few moments to practice and WIAW is not due to come on for another hour or

so? What if you have your Novice or General and are wanting practice just at 15 to 25 WPM and could care less about the very slow speed WIAW sends. Why not try copying the coastal marine radiotelegraph stations? If you have an all band receiver or if your ham band receiver "stretches" beyond the ham bands, try any of the following:

<u>Station</u>	<u>Frequency KHz</u>	<u>Location</u>
WMH	8502	Baltimore
WSL	8514	New York
WAX	8526	Ojus, Florida
WPA	8550	Port Arthur, Texas

(Continued at top of next page)

- Appointments Calendar
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<u>Station</u>	<u>Frequency KHz</u>	<u>Location</u>
KFS	8558	San Francisco
WNU	8570	New Orleans
KLB	8582	Seattle Washington
WCC	8586	Chatham, Massachusetts
KOK	8590	Los Angeles
WSC	8610	Tuckerton, New Jersey
KPH	8618	San Francisco
WCC	8630	Chatham, Massachusetts
WSC	8686	Tuckerton, New Jersey
KLC	8666	Bremerton, Washington

Also general tuning from 4238 to 4368 KHz and 6357 to 6525 KHz will produce an additional number of coastal stations.

Give it a try. These ops can really send some smooth CW!

de The GROUND WAVE

\*\*\*\*\*

## RECENT CONTRIBUTORS

### Ham Hum Postage

Chas. W. Boegel, Jr., W0CVU  
 Gilman M. Gates, WB4ATY  
 Wayne K. Porter, W0HXM

### Repeater 34/94

Steven P. Hutchinson, WB0VLL and  
 Dalene M. Hutchinson, WB0TTK  
 Samuel S. Kaplan, WD0BVH  
 Raymond F. Kydney, WA0WOT  
 Richard L. Mrsny, WA0FTH

### Repeater 22/82

Samuel S. Kaplan, WD0BVH

### Repeater 40/00

Steven P. Hutchinson, WB0VLL and  
 Dalene M. Hutchinson, WB0TTK  
 Samuel S. Kaplan, WD0BVH  
 Richard L. Mrsny, WA0FTH

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 WB0MUC  
 KEN MOLACEK 571-8833

## FIELD DAY 1978

On 24-25 June on a lonely hilltop near Boys Town the AK-SAR-BEN Amateur Radio Club will participate in the annual Field Day competition. It basically consists of making as many contacts as possible over a twenty-four hour period using only emergency power and facilities on all bands using CW and phone.

This competition, apart from an opportunity for ham radio operators to experience the joys of fellowship, is very important. Field Day provides a measure to see how well the amateur radio operator can perform under emergency conditions. It also provides the training ground for practical emergency operations experience to those hams who would not have the opportunity otherwise.

Another item of prime importance is to educate the general public on the capabilities of the amateur radio operator in time of emergency. This is probably the best vehicle to "show off" what we hams can best do.

This is not an all-male performance. How about it, you YL's? We need YL operators too.

If you have skills in operating, cooking, assembling antenna arrays, or

practically anything else, the lonely hill near Boys Town is the place to be.

Also still needed are propane-driven grills.

For further information, and to volunteer, please contact Gerry O'Harrow, WBØPPF, at 331-1236.

de WBØPPF  
\*\*\*\*\*

## HANG IN THERE

Don't change frequency too quick! Ever been working on the bench at a pet project, listening to the hi-fi, reading a newspaper, etc. and someone comes up on .85 or .76 looking for a contact? Fine, except you take time to lay down the soldering iron, or turn down the hi-fi, or put down the newspaper and then pick up the mike to say hello—and the caller is gone off the frequency already!

A few such incidents in an evening and one says "to heck with it." Its good sense to wait around for a minute after putting out a call—for an immediate response at the drop of a hat is not always possible. Hang in there, y'hear?

de Lake Erie ARA Newsletter  
via ARNS Bulletin  
\*\*\*\*\*

## HAM HUM SWAP

NO CHARGE FOR SWAP ADS (NON-COMMERCIAL) SUBJECT TO SPACE LIMITATION. MUST BE SUBMITTED IN WRITING P.O. BOX 291. SEE COPY DEADLINE PAGE 2.

WANTED: Cooks and/or cooking grills.  
Please contact Gerry O'Harrow, WBØPPF,  
Field Day Chairman, at 331-1236.

(HAM HUM SWAP – Cont'd)

FOR SALE  
OR TRADE:

Hammarlund HQ-215 solid state communications receiver. Has crystals for 80-10 and sideband mechanical filter. Will take \$250.00 or trade for top-notch 10" or 12" table or radial arm saw.

Sam Kaplan, WDØBVH, 5431 Lafayette Ave.,  
Omaha, NE 68132; phone 556-4250 after 5:30 P.M.

FOR SALE:

3 Element 10 meter beam; also Rohn 10 foot roof tripod.  
Doug Halbert, KØBOY after 5:30 PM at 331-1433.

FOR SALE:

Hallicrafters HT-46 transmitter, 180 watts, SSB/CW, 80 thru 10 meters and matching SX-146 receiver. Use separate or transceiver. Mint condition. \$450.00.

Dick Newsome, WØHXL, 5437 Franklin St.,  
Omaha, NE 68104; phone 558-8855.

FOR SALE  
OR  
TRADE:

P & H linear amplifier, 10 thru 80 meters, 800 watts input on SSB, with full set of extra tubes. Works fine – \$125.00 firm; or will swap for 220 MHz rig.

Jim Sanford, WDØCSC; 4764 Meredith,  
Omaha, NE 68104; phone 451-1443 evenings.

FOR SALE:

Heath SB614 Monitorscope, brand new – \$150.00.

Bill Bechtold, WDØAPV, 7429 Frederick St.,  
Omaha, NE 68124; phone 397-2461.

DONATIONS  
WANTED:

For the repeater; 8 track auto tape players – they need not be working. Also need 8 track cartridges in any condition. Bob Neben K9BL, 5112 Bernadette Ave., Omaha, NE 68157; phone 734-3783.

Thank you,  
Robert H. Neben, K9BL

FOR SALE:

KWM-2, 516 F-2, 312B-5, 351D-2, MP-1 – \$1400.00.

Ron Sundsboe, WAØMQM, 6767 Wirt St.  
Omaha, NE 68104; phone 556-4914.

FOR SALE:

Hy-Gain 18 AVT – Vertical Antenna  
Hilton Norton, WBØHPP; 493-2493.

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# SAVINGS PLAN

## Discounts

PLAN STARTS JUNE 1, 1978



▶ ALL MAJOR PURCHASES OVER A 2 YEAR SPAN SET AND MAINTAIN YOUR DISCOUNT RATE.

▶ UP TO 11% OUTRIGHT CASH DISCOUNT.

▶ OVER 15% SAVINGS IF TAKEN AS A MERCHANDISE CREDIT.

▶ OR TAKE A CREDIT CERTIFICATE WHICH INCREASES IN ITS BUYING POWER BY 1/2% MONTHLY, UP TO 2 YEARS-----  
▶ UP TO 27.45% TOTAL SAVINGS POSSIBLE ON THE PLAN !

▶ A VERY IMPORTANT FEATURE OF THE PLAN IS THAT WHEN YOU ESTABLISH A DISCOUNT RATE YOU CAN ALSO TAKE IT ON ALL SUBSEQUENT PURCHASES OVER \$25.. SAVE ON THE BIG RIG. - -AND- - -THE ACCESSORIES, ETC.

SEE THE COMPLETE DETAILS ON THE HI-SAVINGS PLAN. OPEN & USE THE HI-SAVINGS PLAN NOW. YOU'LL SAVE MONEY IN THE LONG RUN BEING A STEADY H.I. CUSTOMER WITH THIS PLAN. AND YOU'LL GET EXPERT TECHNICAL HELP AND OTHER SERVICES ALONG THE WAY.



AMATEUR RADIO EQUIPMENT

BOX 864 COUNCIL BLUFFS, IOWA 51501

TELEPHONE 323-0142 (AREA CODE 712)