



HAM HUM

Published by
AK-SAR-BEN RADIO CLUB, INC. - Omaha, Nebr. 68101
Post Office Box 291 - Downtown Station



Vol. XXIII
No. 4

April 1973

NEXT MEETING

WHEN: April 13, 1973

TIME: 8:00 P.M.

WHERE: FITZGERALD FRIENDSHIP ROOM
COMMERCIAL FEDERAL SAVINGS AND
LOAN ASSOCIATION
4724 South 24th Street, Omaha
(Free parking in rear off 25th Street)

PROGRAM: DEMONSTRATION SSTV. You have heard about amateur slow-scan TV, you have read about it, you have seen ads on it, but have you seen a demonstration? Here's your chance to observe it and get your questions answered, and if you can sit perfectly still for 8-1/2 seconds, you can even be on it.

Al McMillan, WØJJK, of Hobby Industry will demonstrate SSTV using SBE monitor complete with camera and tape recorder. SSTV is currently on the air. Al will have recordings from his receiver and will have demonstration material for either transmission or recording for future transmission such customary items as the CQ call, station identifier, photos, etc. Amateur TV is in Omaha now by way of your receiver. There are stations in Omaha capable and equipped for amateur TV, so here's your chance to find out all about it.

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.



Next copy deadline: April 20th

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FORMER MEMBER NEWS

Still enjoying Ham Hum and will send funds to help defray postage for all these years when settled at our new address:

Bill McDonald, W9DTZ
408 E. Virginia Avenue
Normal, Illinois 61701

TNX

Ft. Lauderdale, Florida
March 5, 1973

Dick Eilers, WØYZV

Be assured, Dick, I greatly enjoy reading Ham Hum and get many new ideas from it. You perhaps noticed I still have my Broward A.R.C. and Navy MARS columns in Florida Skip.

1972 was my 50th anniversary as a ham. Have now joined the O.O.T.C. Florida Chapter in which we talk about the twenties when we had to make all of our radio gear.

73,

Jim Wilson, W4GDK

CASH CONTRIBUTIONS

Repeater Fund:

John A. Cook, KØWVF
Gary Budde, WAØLIL
James L. Minear, KØUIS
R. Doug Burghardt, WØWR
Charles B. Juvenal, KØKKL

Auto Patch Fund

Dr. Roger M. Johnson, WBØGAI
James L. Minear, KØUIS
Al McMillan, WØJJK

Thanks also to Leo Meyerson and World Radio for the repeater fund donation.

The following donated merchandise for the auction; the receipts from this merchandise went to the repeater fund:

Robert D. Andrus, KØLUG
Ervan D. Heinz, WAØEEM
Robert C. Lockwood, WAØDHU
Bill and John Snyder, WØWRT
Ned W. Valder, KØHRD/WBØFXK
Mike Wilczynski, WBØBMV

REPORT ON AUCTION

We had a great turnout for the annual auction which was held at the General Motors Training Center on March 9th. Thanks to KØLYO for making the arrangements for the meeting place!

Auctioneers Marty Griffin, WAØGEH, and Cecil DeWitt, WØRMB, with the assistance of Mike Wilczynski, WBØBMV, did a bang-up job and we sincerely appreciate their fine efforts. At the check-in table was Ed Askew, WAØRDZ, and counting the money was Charles Kelly, WAØUZX, and assistants.



Ed Askew, WAØRDZ,
at check-in counter.



Auctioneers Marty Griffin, WAØGEH,
and Cecil DeWitt, WØRMB, with Mike
Wilczynski, WBØBMV, assisting.

The check-in of gear began at 6:00 P.M. and the auction itself at 7:00 P.M. Having a deadline for time, it became apparent that we would have a problem as many pieces of gear were presented. However, as time wore on the auctioneers finished the last item at closing time, handling 140 items.

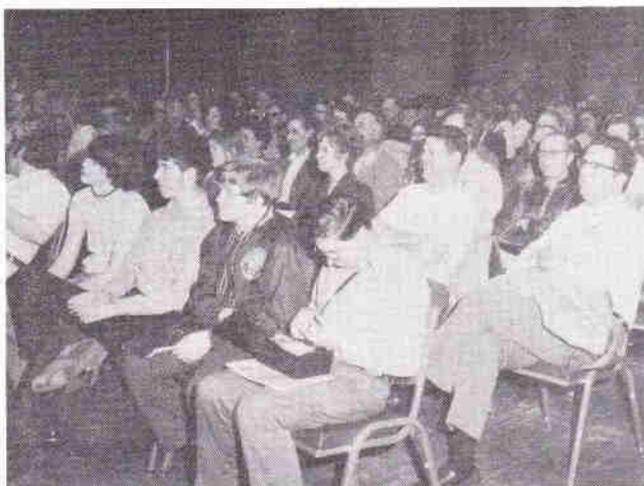


The money table with Treasurer Kelly,
WAØUZX, and assistants. ➤

It was rather difficult to make a head count, particularly as there were some going and coming all the time, but the estimate is there were over 200 in attendance. The "take" or "auction fee total" is not known by Ham Hum but I am sure the treasurer will have a report on it at the next meeting.

Every auction seems to get a little better than the one before. The

pre-planning that went into this one resulted in much easier handling of gear and handling of the money problems. Your officers will be studying the results and procedures from this auction in an effort to make the next one even better. If you have any ideas for improvement why not send them to P. O. Box 291.



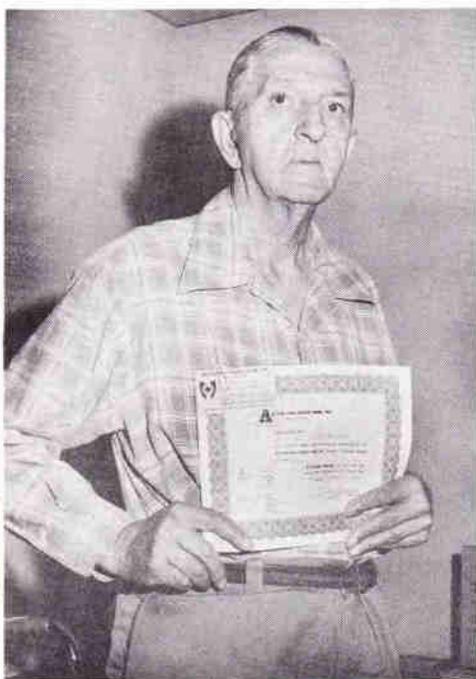
Auction crowd.





President Russ Minks, WAØVEE, shown presenting 30-year membership certificates to charter members Art Gaeth, WØFQB, and Rollie Fried, WØYMU, at the February meeting.

PICTURES TAKEN AT FEBRUARY MEETING



Charter member Henry Velte, WØABI, shown holding his 30-year membership certificate which was presented to him by President Russ.



A 15-year membership certificate was presented to Joe Berounsky, KØQDB, by President Russ at the February meeting.

1973 ARMED FORCES DAY COMMUNICATION TESTS

"SERVING THE NATION"

Each year, on the third Saturday in May, the Department of Defense sponsors the observance of Armed Forces Day. This year's observance, the twenty-fourth, will be held on Saturday, May 19, 1973. Once again the Departments of the Army, Navy and Air Force will conduct communication tests between military radio stations and amateur radio stations to demonstrate the partnership and mutual respect enjoyed between the U.S. amateur radio community and the U.S. military.

The tests will consist of military-to-amateur crossband operations, using continuous wave (CW), voice (SSB) and radioteletypewriter (RTTY) modes of operation and "CW" and "RTTY" receiving tests. QSL cards, designed especially for this occasion, will be forwarded to those amateurs who establish two-way contact with participating military stations confirming crossband communications. Certificates will be awarded to those who aptly demonstrate their operating ability and technical skill by receiving an acceptable copy of the Secretary of Defense originated "CW" and/or "RTTY" message(s) transmitted during the receiving portion of the communication tests. Interception by shortwave listeners (SWL) will not qualify for a QSL card in confirmation of communications. However, anyone who has the equipment and the ability may copy the Secretary of Defense messages and will be eligible to receive a certificate.

MILITARY-TO-AMATEUR CROSSBAND TEST

The military-to-amateur crossband operations will be conducted from 19/1300 GMT to 20/0245 GMT. The military stations WAR, NSS, NPG, N0NNN and AIR will transmit on military frequencies and listen for amateur stations transmitting in portions of the amateur bands. The operators at the military stations will specify that portion of the amateur sub-band they are tuning. Information on frequencies available from Ham Hum.

RTTY RECEIVING TEST

A radioteletypewriter "RTTY" receiving test will be conducted for any individual amateur or station possessing the required equipment. This is a test of the operator's technical skill in aligning and adjusting his equipment, and serves to demonstrate the growing number of amateurs becoming skilled in this method of rapid communications. The "RTTY" broadcast will consist of a special Armed Forces Day message from the Secretary of Defense to all radioteletypewriter enthusiasts. The broadcast will be transmitted at 60 words per minute, beginning at 20/0335 GMT with a ten minute CQ call for tuning purposes followed by the Secretary of Defense message at 20/0345 GMT as follows:

TRANSMITTING STATION

WAR - Army
 NSS - Navy
 NPG - Navy

 AIR - Air Force

FREQUENCIES (KHz unless otherwise indicated)

4030, 6997.5, 14405
 4012.5, 7385, 14385
 4010, 7347.5, 13992.5
 148.410 MHz
 7315, 13997.5

SUBMISSION OF TEST ENTRIES

Transcriptions should be submitted "as received." No attempt should be made to correct possible transmission errors.

Time, frequency and call sign of the station copied as well as the name, call sign (if any) and address, including zip code of the individual submitting the entry must be indicated on the page containing the test. Each year a large number of acceptable copies are received with insufficient information, thereby precluding the issuance of a certificate.

Entries should be postmarked no later than 25 May 1973 and submitted to:

Armed Forces Day Tests
 Chief, Navy-Marine Corps MARS
 4401 Massachusetts Avenue, N.W.
 Washington, D.C. 20390
 Mail Stop 394

FOR SALE

Heath DX-60A
 Lafayette HA-350

Plus coax, coaxial relay, SWR meter, crystals, microphone. Everything works, and is in good condition.

Call Louis Olsen, WNØFFA
 Phone: 451-0557

FOR SALE

HW32A - mint condition.

Jared A. Ketner, WAØQWU
 506 East 14th
 Wahoo, Nebraska 68066
 Phone: (402) 443-3083

FOR SALE

Globe Chief 90-A Xmtr.
 10-80m vertical ant.

Craig Hinton, WBØIAH
 Phone: 333-9521

FOR SALE

Galaxy 5; A/C Supply-deluxe; Out-board VFO (collector's item); Deluxe accessory console. All like new. Used by a little ol' lady on weekends only.

Bob Miller, WØEPO
 Days: 556-7000
 Nites: 556-3478

NEWS NOTES

Valley, Nebr.
Mar. 7, '73

Editor: Ak-Sar-Ben Radio Club
Dear Sir:

Am inclosing my second operators license (Zerex) having lost my 1914 one in moving. Thought your members might get a kick out of the size (8½x11) and required code of 12 w.p.m.

The first club in Omaha was the North Omaha Wireless Club, 12 members, 1915. At that time, as I remember, there were about 20 active hams in Omaha and one in Co. Bluffs (9CA) whose mother was a good op.

The only QRM was the 5 KW spark at Ft. Omaha, WUH.

My 3 tube rcv'r and sync spark 1 KW Xmtr I sold to the University of Omaha at 24th & Pratt St. I wonder if they still have it. I could go on and on but this will have to suffice for now, as it is hard for me to write anymore, as the old hands don't work so well.

The inclosed check can be used for mail or repeater, which I use and enjoy.

Yours Truly,
R. Doug Burghardt
Rt. 1
Valley, Nebr.

| | | | | | | | | |
|---|--|--|--|------|--|----|---|------|
| <p style="font-size: 1.2em; font-weight: bold;">The United States of America</p> <p style="font-size: 0.8em; font-weight: bold;">DEPARTMENT OF COMMERCE BUREAU OF NAVIGATION</p> <p style="font-size: 1.1em; font-weight: bold;">LICENSE</p> <p style="font-size: 1.1em; font-weight: bold;">RADIO OPERATOR, AMATEUR FIRST GRADE</p> | | <p style="font-size: 0.8em;">NUMBER 12547</p> | | | | | | |
| <p><i>This is to certify that</i> Robert Douglas Burghardt</p> <p><i>has been examined and shown to have a knowledge of the adjustment and operation of apparatus and of the regulations of the Radiotelegraphic Convention and the Acts of Congress, even in cases that relate to interference with radio communication and impose certain duties on all grades of operators sufficient to entitle him to a license, and he is hereby licensed as required by law Radio Operator, Amateur, First Grade for two years.</i></p> <p><i>The candidate was examined and shown to have knowledge (excellent or good) in the following additional subjects:</i></p> <table style="width: 100%; border: none;"> <tr> <td style="width: 80%;">(a) general adjustment, operation, and care of apparatus</td> <td style="text-align: right;">Good</td> </tr> <tr> <td>(b) transmitting and sound reading Continental Morse at a speed of 12 words a minute</td> <td style="text-align: right;">12</td> </tr> <tr> <td>(c) general knowledge of international regulations and Acts of Congress to regulate radio communication</td> <td style="text-align: right;">Good</td> </tr> </table> | | | (a) general adjustment, operation, and care of apparatus | Good | (b) transmitting and sound reading Continental Morse at a speed of 12 words a minute | 12 | (c) general knowledge of international regulations and Acts of Congress to regulate radio communication | Good |
| (a) general adjustment, operation, and care of apparatus | Good | | | | | | | |
| (b) transmitting and sound reading Continental Morse at a speed of 12 words a minute | 12 | | | | | | | |
| (c) general knowledge of international regulations and Acts of Congress to regulate radio communication | Good | | | | | | | |
| <p style="font-size: 0.8em;">U. S. Radio Inspector 1919</p> | <p style="font-size: 0.8em;">Date of Secretary's Exemption</p> | <p style="font-size: 0.8em;">WILLIAM C. REDFIELD, Jr. Secretary of Commerce</p> <p style="font-size: 0.8em;">E. T. CHAMBERLAIN, Commissioner of Navigation</p> | | | | | | |
| <p>Place Chicago, Ill. Date July 19, 1971</p> | <p style="text-align: center;">Notary Public</p> | <p style="text-align: right;">Excellent or good 2 Least good</p> | | | | | | |

1973 CODE AND THEORY CLASSES

By—Bob Lockwood, WAØDHU

The 1973 Ak-Sar-Ben Radio Club code and theory classes are rapidly coming to a conclusion, with approximately 30 students in the novice class and the same number in the general class still attending. This looks like another bumper year!

Classes are now in a review period. Instructors field any questions the students throw at them. This period is designed to answer any problem questions the students might have.

The novice class under the direction of Del, KØUIV, and Jim, WBØCLU, looks very promising, with several students having already passed their code test and waiting for their theory exam. The instructors believe nearly all 30 students will pass the novice exam.

The general and advanced class intends to form a "March on the FCC Examiner" in April. He will have his hands full!

As the classes draw to an end, we are elated with the success this year. It has been a sheer privilege to work with these people and to see the initiative and drive put forth to reach their goals. The students of the Ak-Sar-Ben Radio Club 1973 code and theory classes have made the classes successful!

Give some people an inch and they think they are rulers. Service

NEW MEMBERS ADDITIONS TO ROSTER

Charles K. Hicks, WAØUMR
7528 Maywood
Ralston, Nebraska 68127
Phone: 331-6245

James (Jim) R. Kates, WNØEZK
541 South 53rd Street
Omaha, Nebraska 68106
Phone: 556-7149

Jack R. Powley, WAØSAQ
7510 Joseph Avenue
Omaha, Nebraska 68128
Phone: 339-1022

Kevin Richardson, WNØJGH
9812 Pine Street
Omaha, Nebraska 68124
Phone: 393-9268

Kent A. Sinram, WBØBOR
9705 Hartman Avenue
Omaha, Nebraska 68134
Phone: 571-7423

Jeanette (Jan) Sinram
(XYL of WBØBOR)
9705 Hartman Avenue
Omaha, Nebraska 68134
Phone: 571-7423

April 3, 1822—Edward Everett Hale, born at Boston, Mass.

April 14, 1865—President Lincoln shot by John Wilkes Booth.

April 18, 1906—The San Francisco Fire started.

April 29, 1879—First street arc lamps, made by Charles F. Brush, were lighted at Cleveland, Ohio.

***** Service

OUR VACATION TRIP

By—Russ Minks, WAØVEE

On March 15th the XYL and I left for Midland, Texas to see a friend I hadn't seen for about 27 years and to attend the annual swap fest at Midland. I had not seen my friend Bill Shields since I left him in Italy in 1945; he was the tail gunner and I was the waist gunner on a B-17 crew.

When the XYL and I left Omaha, of course I worked a few stations on WØEQU. As we approached Lincoln I was copying their repeater and as I cut south did work a couple stations and was able to work the repeater into Kansas.

As we approached the Kansas-Oklahoma border, I was working a couple stations through the Ponca City, Oklahoma repeater and signed with them to go through the tollgate and then into Okla. We were not further than a city block into Oklahoma when a voice came out of the rig, "Welcome to Oklahoma, Russ." I looked all around for a car with an antenna or just some one. No car, no one, so I replied "Thank you, and how did you know I was in Oklahoma?" He said he was in Ponca City working in a two-way shop and just took a guess that I had crossed into Oklahoma. Had a nice QSO until we were out of range of the repeater, and he went back to work.

At night it was interesting to take the rig into the motel, set up the Ringo in the corner, and listen to the activity on the local repeater. Worked various repeaters all the way to Midland. Lots of fun!

The swap fest was a real big affair. It began with a hospitality session on Saturday afternoon and a dance Saturday night. Sunday morning at 7:00 A.M. they started setting up at the Midland County Exhibit Building. Dealers, distributors, hams — everybody is on his own to get a table where he can get set up. There were even CBers there.

They had nearly 550 registered at \$2.00 each. The way the place filled up with people it looked like twice that many. I didn't get to take any pictures until the crowd thinned down. They served lunch at \$1.75 per person — barbecued beef, barbecued ribs, pinto beans with chili powder in them, a salad — very good. At 2:00 P.M. a drawing was held using registration stubs. The grand door prize was one of the following — your choice: GT550A with power supply; Regency HR-2MS with mobile antenna, AC power supply and base antenna; or Tri-Ex W51 tower. There were also many smaller prizes donated by various companies. Everyone who attended had a real good day and I am sure they will be back next year.

It's too bad you couldn't see all the mobile antennas in the picture. It looked like at least 85% of the cars had a whip of some kind. Maybe mobilers are the only ones who go to swap fests.

From Midland we went to San Antonio and again set up the Ringo in a third floor hotel room. Didn't get to bed 'till after 1:00 A.M. Everytime I



Exhibition building and some of the parking area.

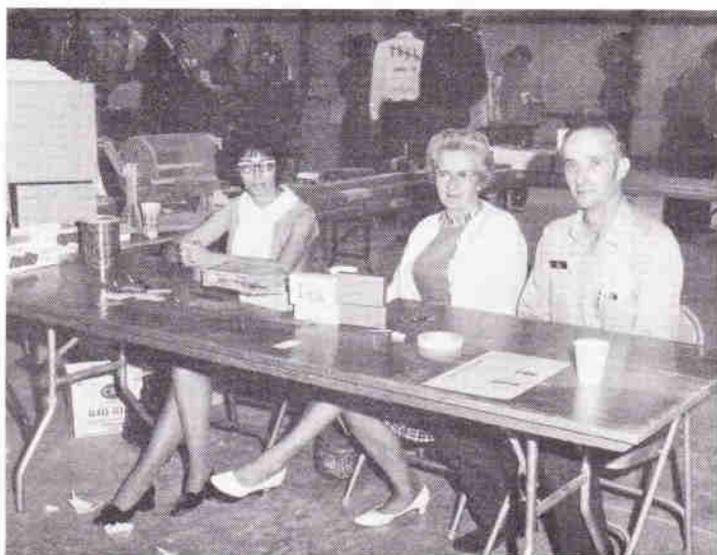
would sign with someone saying that I had to hit the sack, someone else would call me and there I was in another QSO.

One interesting thing — I don't remember which club it was, but I was told the membership fee in that club was \$24.00 per year. Another thing I

noticed, if you have 34-94, 22-82 and 16-76, you can hit a repeater almost anywhere.

It's good to be back home but those first few days back at work are discouraging. Hi.

Russ Minks, WAØVEE

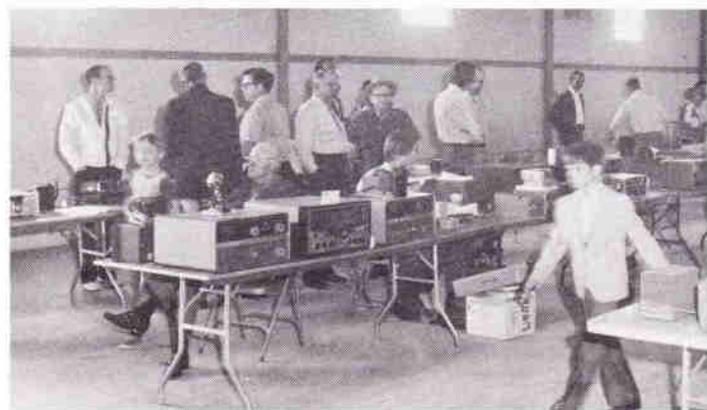
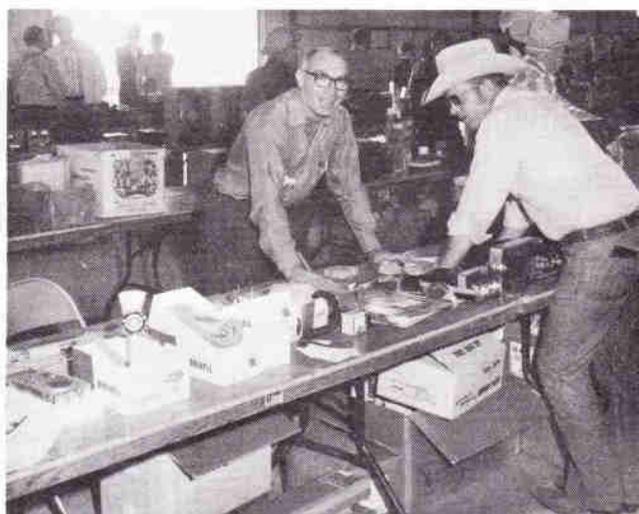


Jim (President of the Midland Amateur Radio Club) and part of his registration crew. Left to right: Artie DeLong, XYL of K5LOZ; Ruth Fleming, XYL of WA5UJA, and Jim DeLong, K5LOZ. 



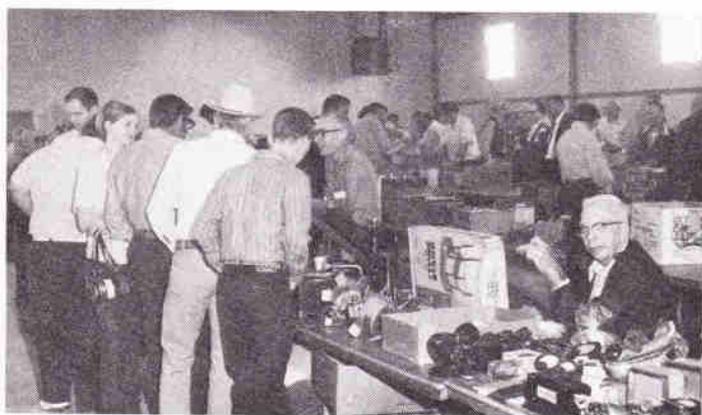
Beautiful junk.

Bill Shields of Permian Electronics makes a sale?



Things were getting quiet.

See anything
you need?



Hams and dealers all
together.

A very small part of the
chow line. Ran out of
food once and had to
go get some more.



NEWS NOTES

March 3, 1973

Dear OM:

The Saunders County Amateur Radio Society is planning its annual picnic for Sunday May 20, 1973 at the Memphis State Recreation Area. We invite all hams and their families in Eastern Nebraska to join us for the afternoon get-together. The noon meal is bring your own food and utensils. I am trying to line up some activities for the afternoon and other things which would make the trip to Saunders County worth while and enjoyable. More information will be sent as it becomes available. We would like to see the hams in our area get together and get to know each other better.

Our meetings are held the third Tuesday of the month in room 25 of the Wahoo High School, 334 N. Linden, Wahoo. Use the north entrance. Starting with the March meeting we are going to have training films on transistors and transistor applications for the next three months. All are welcome to come.

Thanks for sending your club publicati.. HAM HUM to our club.

Sincerely,
Jared A. Ketner, WA0QWU
Vice-pres SCARS
506 East 14th Street
Wahoo, Nebraska 68066

WANT TO BUY?

TR4 or TR3 with power supply (DC).

Call Bob Broom, K0OQL
Phone: 221-3374 or
457-4237

CLUB MEMBERS IN THE NEWS

Congratulations to Ferris A. Kramer, W0YZK, on the nice write-up and photo in the February 22, 1973 issue of the West Omaha Sun.

Congratulations also to Jay C. McAleer, WA0LLQ, on the great write-up and photos which appeared in the March 4, 1973 issue of the Magazine of the Midlands, Omaha World Herald.

INHERITANCE SALE

Collins KWM-2
Collins PM2 AC Power Supply
Collins CC-2 Samsonite carrying case
Heathkit SB-200
Turner M+2/4 Mike
All excellent shape. Package deal. Best offer over \$800.00.

TRADE

Will trade Collins 312B5 for Collins 312B4 and 516F-2.

FOR SALE

2 Collins General Coverage Receivers, R390A and 51J4.

Onan 3.5 KW continuous duty 115 volt AC generator portable, gas.

Thomas J. Hiross, WA2HPN
3403 Albert Raines Drive
Omaha, Nebraska 68123
Phone: 292-1131

VHF'ers COLUMN

By Frank Shannon, K4GT

Reaction! Yes, your Scribe has already received quite a number of comments regarding contents of last month's column. It is gratifying to receive so many favorable comments. So far on our attempt to bring to the attention of VHF'ers the history and official meanings of the International Abbreviation Signals, namely, CQ and QRZ.

Present day FM and those of SSB, AM, lends FM voice operational techniques towards *shorter transmissions*. The aforementioned back and forth shorter transmissions are further encouraged by the fact that FM is channelized. These channels are separated usually by 60 Khz, and as the population of FM'ers increases, soon to encourage useage of only 30 Khz between channels. The fact that most all FM'ers are xtal-controlled on these well known Simplex and Duplex channels, *long and repetitive call-ups* are *unnecessary* and are most annoying to others guarding the particular channel. *So, newcomers to the FM channels, in particular, please be cooperative! 'Nuff said!!!*

de Fla. Skip

FOR SALE

Have considerable number back issues of CQ and other ham magazines, mostly pre-1960. Make offer. Not feasible to ship.

John Snyder, WØWRT
3221 South 45th Street
Omaha, Nebraska 68106
Phone: 556-1538

FOR SALE

Hallicrafters SR-42A 110v.-12v. D.C. 2 mtr. xcvr with squelch - fet pre-amp - FM-201 solid-state FM transmitter section with .94 crystal built in, with new turner mike and all manuals \$75.00

AMECO Model CN Nuvistor 2 mtr. converter - set up for 14 MC IF - but can be changed. Used this converter when I worked VE2DFO on meteor scatter with spare 6CW4S . . . \$30.00

Gary E. Budde, WAØLIL
200 - 37th Street E
Norfolk, Nebraska 68701
Phone: (402) 371-0184

WANT TO BUY?

SSB Transceiver HW 101, TR3 (Drake), TR4 (Drake); all units with power supplies.

Call Don Hall, WØYPH
Phone: 572-7671



"Hrumpf—he oughta try carry-
ing my tax burden around!"



AL - WØJJK SAYS

"MAY IS - HAM STATION IMPROVEMENT MONTH"

with a new

DRAKE

TR-4C



\$599⁹⁵

LESS ACCESSORIES

*Drake has made
The Best better!*

if you'll contact me ---- ask about the HI-SAVINGS PLAN When you need "ham" gear & accessories..... call H. I. !



**Hobby
Industry**

73-AL WØJJK

See the Regency Frequency Counter EC-175 on display April 13-14.

Hours:

Tues. - Wed. - Fri. - Noon/5 P.M.

Thurs. - Noon/8 P.M.

Sat. - 9 A.M./5 P.M.

Phone: (712) 323 - 0142

16th & Ave. "G" in the Chalet restaurant bldg., east wing. Drop in for your "ham" needs. AL MC MILLAN WØJJK

QTH: