



HAM HUM

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



Vol. XXVII
No. 10

October 1977

NEXT MEETING (NOTE CHANGE IN DAY AND LOCATION)

WHEN: TUESDAY — OCTOBER 11, 1977

TIME: 7:30 P.M.

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

PROGRAM: LEO I. MEYERSON, WØGFQ, Master of Ceremonies.
"GOLDEN MEMORIES OF RADIO" by SAM W. SELDON, WBØVWM, Sioux City, Iowa. Sam was Chief Engineer for KTRI for 24 years. His program will include the progress of commercial radio from the beginning up until about 1950. He will bring examples of vintage radio and show slides. You can add to the program if you have ancient receivers or transmitters to bring along as further examples of vintage radio.

PAST PRESIDENTS' NIGHT — A special invitation has been extended to Past Presidents of the Club to attend this meeting and to give four or five minutes of their memories to add to the nostalgia.

Be sure to come to this meeting! Remember it is **TUESDAY**, October 11 — **NOT FRIDAY**. Help us check out the new meeting room at the Jewish Community Center and you will also be able to see the progress on the Emergency Communication Center. Refreshments at this first meeting will be served by the JCC.

VISITORS WELCOME — EYEBALL QSOs

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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Published by
AK-SAR-BEN AMATEUR RADIO CLUB, INC.
 Post Office Box 291
 Omaha, Nebraska 68101
 Editor: Dick Eilers, WØYZV
 Phone HOME: 397-3999
 BUSINESS: 342-1402 - EX. 200
 Associate Editor: John Snyder, WØWRT
 Phone HOME: 556-1538
 BUSINESS: 397-3000 - EX 3542

Deadline for November issue is October 18th

Annual Dues:
 Regular member\$7.50
 Regular member and XYL 9.00
 Student member 3.50
 (due and payable each Jan. 1)

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

RECENT CONTRIBUTORS

Ham Hum Postage

Vernard (Rip) Riportella, WA2LQQ

Repeater 22/82

Wayne L. Goetz, WBØHEU
 James R. Peterson, WBØQGV
 John D. Snyder, WØWRT

Repeater 34/94

Wayne L. Goetz, WBØHEU
 Steven P. Hutchinson, WBØVLL
 James R. Peterson, WBØQGV
 John D. Snyder, WØWRT

Repeater 40/00

Wayne L. Goetz, WBØHEU
 Steven P. Hutchinson, WBØVLL
 James R. Peterson, WBØQGV
 Raymond E. Simmons, WBØYFX

220 Repeater

James R. Peterson, WBØQGV

Sincere thanks to all!

IT HAPPENED IN OCTOBER

Oct. 8-9, 1871—Fire destroyed most of Chicago; Mrs. O'Leary's cow blamed.

Oct. 12, 1492—Christopher Columbus discovered America.

Oct. 13, 1792—Cornerstone of the White House laid.

Oct. 14, 1890—Dwight David Eisenhower, President of the United States, born in Denison, Texas.

Oct. 28, 1886—Statue of Liberty, gift of French people, dedicated in New York Harbor.

Egotism is the art of seeing things in yourself that others cannot see.

—Service

THE PREZ SEZ

Well, let's see now. A feller told me that when I learned how to send CW that I could use all kinds of little things that would help save time and effort. So, I learned how to say TNX, CUL, B4 GRND, WX WID, and a host of other nice short words. So after trying to learn all those things, I joined a radio club and at one of the meetings along came this feller name of Mike and those words he used, MIK BYTE, DE BUG (thought you used that to send CW with) RE BUG INTER-FACE FOUR K FIVE K and a lot of things like that, not to mention the glitches that crop up now and then. Anyway, fine program Mike! Am sure we all enjoyed it and you are to be commended for your efforts and knowledge in such a short time.

Once again a busy month. The new repeater is here and the Repeater Committee is hard at work getting things in order with the new machine. And the HF Committee has been hard at work at the JCC. At this time the 65-foot antenna poles have been set and look very good. All that is left is to get the rotator housings and coax along with the beams and up they go. Then we move inside to finish up with wiring and installation of the rigs. And for those of you who are not sure just what is going on, the equipment was donated by Leo, WØGFQ, and includes the following: 20 meter mono band (KLM); 40 meter mono bander (KLM) (look out BBC); log 18-30 MHz (KLM); Tentec with 160 converter; Alpha 374 QRM processor (boy does it work); and RTTY of course. All of us who will use this station in the near future can thank a lot of people who

have faithfully arrived on Saturdays for work parties and to Bob, WØUQJ, who has given many hours of his time daily to get it all together. Those of you who have also been involved will be given credit by name and call later.

Our annual picnic was held Sunday, September 25th. Everything was just great — the weather and the place. Thanks to Marty WAOGEH, Mike WØBMV, and Jim WØJPN for getting the food and goodies together. And gals, Sharon, Leona, Kay and Carol, thanks for the nice games that the kiddies enjoyed and they each won a prize (the kids that is). We have reserved the same place for next year and the date will be Sunday, September 24, 1978. I hope Phil, WØWYE, has his back in shape again. Last time I saw him he was stooping rather badly from carrying all those flea market goodies that he bought. Watch it, Phil, or your basement will be as neat and orderly as mine, Hi!

CU at the meeting. Remember — Tuesday, October 11th, at the JCC.

Bob, WØLYU

QSL CARD FROM WØAUH

My QSL card of thanks to the members of the Club for kind thoughts and "get well" cards while I was in Vets Hospital 9/8 to 9/15. I'm OK now for a while with hopes of long term better health.

Thanks and 73s to all,

Lyman, WØAUH

CLUB DUES TO BE INCREASED EFFECTIVE JANUARY 1, 1978

From September 13, 1977
Board of Trustees Meeting —

In accordance with a vote of the membership at the June general meeting, the board has officially changed the wording of Section 9 of the Club Bylaws in order to accommodate the increase in club dues which will take effect January 1, 1978. Section 9 shall now read:

Membership of all classes of members will be on a calendar year basis. Dues of all members shall be payable each year on January 1st and will be considered in arrears on February 1st. Dues of members shall be \$10.00 per year, except that dues of members who are full time students in any accredited school, college or university, shall be \$4.00 per year. The husband or wife of any regular member of this association may also become a full member upon the payment of dues in the amount of \$2.00 per year. New members shall pay an initiation fee of \$1.00 and pro rata for the balance of the calendar year.

The pro rata dues shall be on the basis of \$1.00 per month for the new member, except that a new member who is a full time student in any accredited school, college or university, shall pay a pro rata dues of 35¢ per month and the wife or husband of any new member shall pay a pro rata dues of 20¢ per month. However, the minimum pro rata dues for the balance of the year shall be \$3.00 for the new member, \$1.05 for the full time student, and 60¢ for the wife or husband.

Membership will become effective on the first of the month following the date on which the membership application is approved by the members.

The monthly Treasurer's report was read and approved. Due to the Treasurer's report showing a negative balance in the general checking account, the board then handled several financial details concerning the closure of two separate checking and passbook accounts and the transfer of funds to the general checking account. The board also authorized the closure of a matured 90 day certificate of deposit account, and with these funds authorized the purchase of a long term certificate of deposit (two to four years).

The board authorized the allocation of funds for the annual club picnic and flea market which we hope everyone attended and enjoyed.

The board discussed the upcoming December Club Christmas Party and obtained a (volunteer???) chairman for the event. The party will again be held separately of the December business meeting.

Hope to see everyone at the October meeting. As you see on the front cover, it is going to be quite special.

Tom Thiessen, KØPQR
Club Secretary

Sign on a Church: "Come in and
have your faith lifted." —Service

Elmo W. Philips, WQ5X, has submitted the following information regarding the expression "73":

SEVENTY-THREE

The traditional expression "73" goes right to the beginning of the landline telegraph days. It is found in some of the earliest editions of the numerical codes, each with a different definition, but each with the same idea in mind — it indicated that the end, or signature, was coming up. But there is no data to prove that any of these were used.

The first authentic use of 73 is in the publication, *The National Telegraph Review and Operator's Guide*, first published in April 1857. At that time, 73 meant "My love to you!" Succeeding issues of this publication continued to use this definition of the term. Curiously enough, some of the other numerals then used have the same definition now that they had then, but within a short time, the use of 73 began to change.

In *The National Telegraph Convention*, the numeral was changed from the Valentine-type sentiment to a vague sign of fraternalism. Here 73 was a greeting, a friendly "word" between operators and it was so used on all wires.

In 1859, the Western Union Company set up the standard "92 Code." A list of numerals from one to 92 was compiled to indicate a series of prepared phrases for use by the operators on the wires. Here, in the 92 Code, 73 changes from a fraternal sign to a very flowery "accept my compliments," which was in keeping with the florid language of that era.

Over the years from 1859 to 1900, the many manuals of telegraphy show variations of this meaning. Dodge's *The Telegraph Instructor* shows it merely as "Compliments." The *Twentieth Century Manual of Railway and Commercial Telegraphy* defines it in two ways, one listing as "my compliments to you" but in the glossary of abbreviations it is merely "compliments." Theodore A. Edison's *Telegraphy Self-Taught* shows a return to "accept my compliments." By 1908, however, a later edition of the Dodge Manual gives us today's definition of "best regards" with a backward look at the older meaning in another part of the work where it also lists it as "compliments."

"Best regards" has remained ever since as the "put-it-down-in-black-and-white" meaning of 73, but it has acquired overtones of much warmer meaning. Today, amateurs use it more in the manner that James Reid had intended that it be used — a "friendly word between operators."

LADIES ONLY!

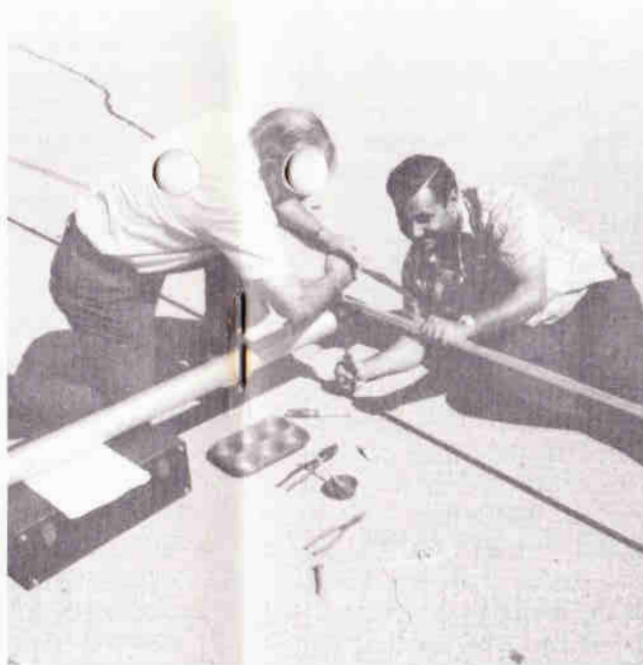
Our last meeting was certainly an overwhelming success! Mike McAllister's "A Beginners Look at Micro-processing" was simply fantastic and this after only one month of experience! This certainly points up to the fact that with the proper application, dedication and perseverance one can surely succeed. Again a wonderful evening for all and so nice to see call signs that have been absent for several months.

Our sincere congratulations to Leo Meyerson, WØGFQ, on being elected

(Continued 2nd Col., Page 7)



PIX TAKEN BY JIM, WBØQGV, ON SEPTEMBER 10, 1977
AT JCC ANTENNA PARTY



(LADIES ONLY — cont'd from page 5)

to the Board of QCWA. This honor is certainly richly deserved and our best wishes go to Mr. Meyerson. I've said it before and I am certainly proud to say it again — our fine AK-SAR-BEN AMATEUR RADIO CLUB really has a world of talent. How fortunate for all of us!

The fall season marks the OPENING of RADIO SEASON and undoubtedly the placement of new rigs and other equipment. Still plenty of time to check out your antenna systems before ICE AND SNOW hits us! It has been a long, hot, rainy summer and undoubtedly some faulty part of your antenna system will need checking and replacing.

Received several compliments from Ellie, K4RHL, System Control for HURRICANE WATCH, regarding offers of help in the last "BIG BLOW," especially Bob, WBØLYU, and his fine offer including his RTTY setup. This type of a watch is set up at the time hurricanes are hatched and are manned night and day with offers of INFORMATION AND HELP to all requests. Another fine service offered through AMATEUR RADIO. Usually this system normally operates at 14.325 during times of emergency. I only wish it were in my power to give needed recognition to all of the fine HAMS, not only in our CLUB but throughout the United States, that are so dedicated, helpful and concerned of others in times of need and distress. This is AMATEUR RADIO in its FINEST HOUR; and to all contributors, one to be most proud of!

Classes start October 10th and from the interest shown this past summer

(Continued on page 8)

(LADIES ONLY - continued)

we should have a good attendance from the GALS. I certainly hope so and it is becoming more and more apparent that the DOORS ARE WIDE OPEN IN AMATEUR RADIO for us Gals, and we want to be sure and take advantage of this opportunity.

There is a definite need for all of us (all ages), especially you younger Gals to shoulder more responsibility in this endeavor. COME ON NOW - LET'S GET TO GETTIN' AND DOIN'. AMATEUR RADIO NEEDS YOU and your fine abilities, and YOU NEED AMATEUR RADIO!

88's

Irene, WBØMPC

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INSTANT UPGRADE

The FCC testing procedures have changed drastically in the past few years. Here is some information about the exams I learned in September Des Moines, Iowa.

The code test is much easier than it was previously. It is sent from a cassette tape recorder rather than the earphones. The voice on the tape announces the itinerary, followed by one minute of practice. The practice copy doesn't count. Then comes five minutes of the real thing beginning with six letter V's. The practice consisted of things like - is the volume loud enough, etc. The real thing was similar to an amateur type QSO. You can ignore the THE's and AND's and just copy the good stuff like QTH, NAME, etc. The ten question exam is then passed out with ten minutes to answer the questions. I don't think I had better than 75% copy, but I got all ten questions right. This is a lot better than the old way of copying one solid minute out of five. Also the FCC had deleted the requirement for the sending portion; you go right on to the written test.

The written test has no time limit. You can bring a calculator, but I found that what little math they required made it unnecessary to bring one. Up to 13 questions can be missed and still pass the 50 question test. Memorizing the questions and answers in the license manual won't help. The only way you can pass the exam is to have a general knowledge of the topics mentioned in the manual. The best way to get that is by calling 334-8200 and signing up for the Club's Code and

(Continued at bottom of page 9)

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

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Theory classes for the Novice or General class starting Monday, October 10, at the Jewish Community Center. If you're taking the Advanced or Extra Class test, I suggest supplementing the License Manual with a good theory book. There are several on the market.

Like the code test, the written test is scored when it's turned in. If you pass and you already hold an Amateur license, you will be given an Interim Amateur Permit. It tells how to identify and you can immediately use your new privileges. In the case of the Extra Class, when you receive the actual license, a photostat of it can be sent to Kansas City and request the large certificate. Also if desired, you can apply for a two letter call by sending a photostat of the Extra Class October 1977

to Gettysburg, Pa. Because of the backlog, they no longer let you request a particular call; they just give you one that's available.

Now that the sunspot cycle is getting favorable, the time is right to upgrade that ticket. It can be done instantly for license holders upon passing the exam.

Instructors:

Novice Code — WBØTMI, Tom Mulick and WBØYRD, Bob Washa

Novice Theory — WBØWYB, Ken Harrigan and WBØTMU, Dick Jugel

General Code — WAØVJM, Dennis Kain

General Theory — K9KAW, Bob Neben

73,

Bob Neben, K9KAW

ADDITIONS TO ROSTER

David Dale Arp, KØQCW
6221 Ogden Street
Omaha, Nebraska 68104
Phone: 571-5632

Duane J. Hockenberry, WBØZEW
3618 Valley Street
Omaha, Nebraska 68105
Phone: 533-0619

C. William (Bill) Bechtold, WDØAPV
7429 Frederick Street
Omaha, Nebraska 68124
Phone: 397-0219

Herbert E. Petereit, WØAFY
7306 South 52nd Street
Omaha, Nebraska 68157
Phone: 731-3047

Lawrence B. (Larry) Burke, WBØVUI
208 Navajo
Council Bluffs, Iowa 51501
Phone: 366-0691

John D. Peterson, WDØCSH
6915 "B" Street
Omaha, Nebraska 68106
Phone: 392-1506

Cameron H. Copple, WBØYVG
3621 Stuart Blvd.
Council Bluffs, Iowa 51501
Phone: 366-0446

Arthur G. Priebe, Jr., WDØAQX
309 Douglas Drive
Bellevue, Nebraska 68005
Phone: 291-0335

Raymond E. Fink
5117 Drexel Street
Omaha, Nebraska 68117
Phone: 734-5935

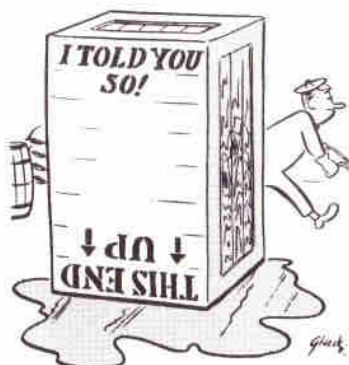
Raymond E. (Ray) Simmons, WBØYFX
2105 South 91st Street
Omaha, Nebraska 68124
Phone: 397-4997

Ronald A. Gaspard, WBØKGI
12906 South 30th Street
Omaha, Nebraska 68123
Phone: 292-0799

Dr. Willis C. Gray, WAØRIP
124 Bellevue Blvd. South
Bellevue, Nebraska 68001
Phone: 292-1966

Ronald G. Harvey, WA4UIT
9202 Autumn Lane
LaVista, Nebraska 68128
Phone: 592-1076

RECEIVING
DEPT.



HAM HUM SWAP

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

FOR SALE: OR TRADE for HF/VHF Amateur Equipment. Nikon F2 camera and five lenses, many accessories.
Ken Harrigan, WBØWYE; phone 291-7930

FOR SALE: Tempo One Xcvr, with AC Supply. New tubes recently; excellent shape.
Contact WBØGQM, Vern J. Wirka, 4606 California, Apt. #3 Omaha, NE 68132; home phone 556-3638; work 556-8000.

FOR SALE: To the highest bidder.
National SW-54 AC/DC Communications Receiver with instructions.
Alan Lee Fleming, WØBNY, 1169 South Street, Blair NE 68008

FOR SALE: Vibroplex Keyer (original) absolutely mint - \$30.00.
Jim Belt, WAØJH; phone 397-5720

FOR SALE: SONAR FM3601 2 meter transceiver ready to go on 34/94, 16/76, 07/67, 52/52, 94/94, and 3 others. Works great. \$125.00
Bob Neben, K9KAW; phone 734-3783

FOR SALE: Heath SB220 2KW Linear, 10 hours use, with matching SB610 Monitorscope, \$500; Heath HW2036 Synthesized 2 Meter Transceiver with Touchtone Pad, \$250; Drake L-4 Power Supply for L-4B 2KW Linear, \$75; WRL Duo Bander II 80 & 40 Meter SSB Transceiver with AC & DC Supplies, \$125; Heath HW12 80 Meter SSB Transceiver, \$50. Will deliver to Omaha area.
Jerry Gunsolley, 711 E. 21st, So. Sioux City, Nebr. 68776;
Ph 402-494-4232 or 494-1507

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you never know when you'll have
to eat them.

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A SET OF 40 METER TRAPS TO MAKE A 80/40 DIPOLE, WITH OVERALL SIZE OF 108 FT. USING THIS DIMENSION THE ANTENNA WILL HAVE LOW SWR ON 80, 40, AND HIGHER BUT USABLE SWR ON 20/15/10 WITH MOST RIGS. RUGGED, WEATHERPROOF (5x1 1/2") TRAPS - 1 LB.

Teles-Pad \$29.95



The TELES-PAD is a tone encoder for the standard telephone dial frequencies. Using a mini-CHOMERIC'S pad which is 2.125x1.625x.188" and a separate mini-circuit & ribbon wired anywhere in the rig. Uses MC14410 IC & 1mHz xtal, 1 1/4x1-1/8x1/4" SHIPPING WT. 1 LB.

B+W \$22.50

AT-200

MATCHES YOUR AM/FM CAR ANTENNA TO 2 M.



MATCH AM/FM CAR ANTENNA TO YOUR 2 METER RIG, 144 /148mHz, UP TO 50 WATTS.

AT200 SWITCHES ANTENNA BETWEEN AM/FM RADIO & 2 METER RIG. ELIMINATE THE TWO ANT. RIP OFF-TIP OFF !!

BOX IS APPROX. 2Hx2 1/2Wx 3 1/4"D AND SUPPLIED WITH CABLES. SHIP. WT. 1 LB.



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