



HAM HUN

AK-SAR-BEN
RADIO CLUB
INC.

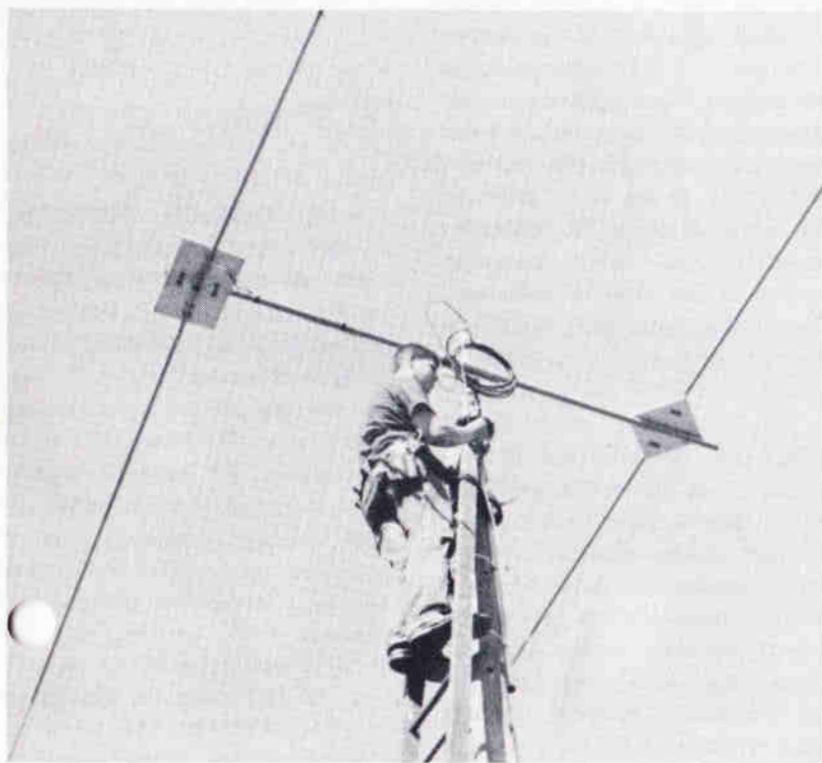
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July 1959

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Ham Hum

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

EDITORS
Al McMillan, WØJJK
Dick Eilers, WØYZV

July Meeting

The July meeting will be held at the usual place - 4-H Building, Ak-Sar-Ben Field - at 8:00 P. M. on July 10th.

After the short business meeting there will be a demonstration of the AC generator emergency power supply built by Melvin Cunningham (no call as yet). This unit is the pilot model of several that the fellows are going to build in order to be better prepared for whatever emergency may come up. Come and see his demonstration and learn how you too can have emergency power for as little as \$20.00.

In addition, Oral Evans will give a talk and demonstration on the transmission of radio frequencies and intelligence through carrier current. He will both demonstrate and tell how you can transmit not only voice but to be able to turn on electrical appliances and utilities by remote control through carrier current. Oral installs

these gadgets and thus is well qualified to tell us and show how they work. This should be a very interesting demonstration and should spark the imagination of the Ham. We are convinced it will be well worth your while to come out for this July meeting.

Hi!

Bill Schroeder, WØIGL, of Kansas City would like very much to receive "Ham Hum" for which \$1.00 is enclosed. His address is: 5401 West 55 St., Mission, Kansas.

Bill is all set up including RTTY now. The beam still rests on the roof, but the tower should go up shortly. We can also expect anyday to hear that he is equipped with SSB. He sends his best wishes to all the old friends.

73,

Ferris, WØYZK

FIELD DAY

Field Day 1959 was held as usual by the Ak-Sar-Ben Radio Club and a considerably higher score was made than last year. A lot of work and planning went into the Field Day by Tom Doll and his committee. Our thanks to all of those who helped, not only in tearing down and setting up but in the operating as well.

The Club went under the 3 transmitter class and used low power in order to get as many multipliers as possible. This, of course, helped. However, the biggest single factor in running up a sizeable score was in the cooperation of the local amateur in giving the station the contacts they needed for racking up the score. Actually a sizeable portion of the local hams and club members did come through with a contact whereas in previous years they pretty much sat on their hands. Thanks to those who came through for us. Was your station listed in the log and on how many bands? The operation was on CW for the DC bands and phone on six and two. Beams were used almost entirely for antennae and these were mounted on telephone poles placed there for the purpose. Our thanks also go to Frank Latenser and his family for permitting us the use of his grounds and for permitting us to set the poles.

Notes for next year:

1. Need more volunteers.
2. Need more local contacts.
3. Need no rain as usual.
4. Need a volunteer to start now on next year's field day plans.

(See photos on pages 4 and 5)

Dear Ed:

The following are the references which I used in my discussion of transistors and their practical applications at the recent Ak-Sar-Ben Radio Club meeting:

May 1958 issue of CQ Magazine, page 42

October 1958 issue of CQ Magazine, page 60

General Electric Company's bulletin number ECG-308, Semiconductor Products Department, Syracuse, New York

Bulletin E-288 the Advertising Department, of CBS, Parker Street, Newburyport, Mass.

CQ Magazine June 1958, page 64

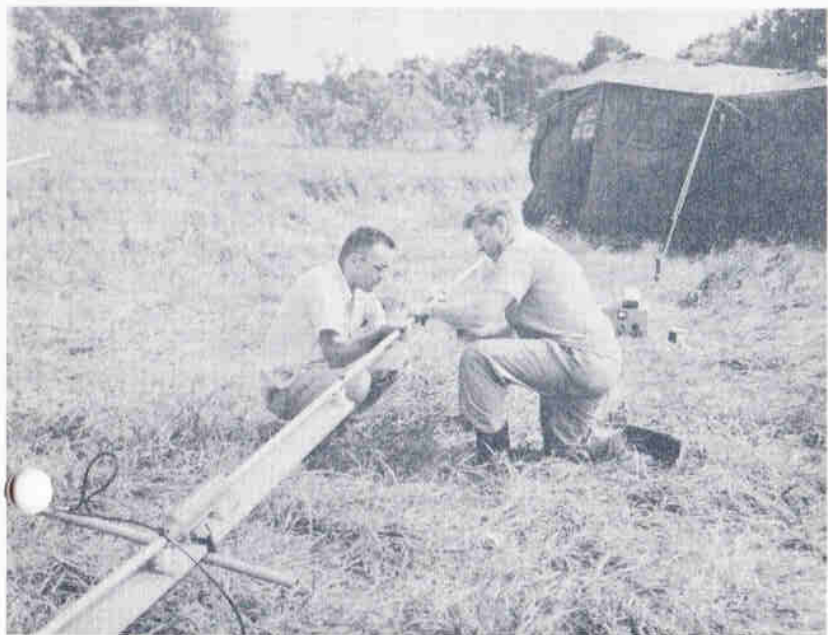
CQ Magazine for March 1958, page 75

April 1958 issue of QST Magazine, page 11.

In addition I can supply copies of Delco Electronics parts catalog number 6A100, along with several Delco Radio bulletins which concern transistors and their uses.

Very truly yours,
R. M. Enders, KØLYO





ATTENDANCE AWARD

The idea of an attendance award was brought to us by Bernie, KØTFJ, from the Cincinnati, Ohio club. Here's how it works. Each meeting the names of all current members of the club will be put in a hat and a single name will be drawn. If the member whose name is drawn is present and is currently not in arrears in his dues, he will be presented with \$1.50. If he is not present or does not have his dues paid, if present, the \$1.50 will be added to next month's award. Should the amount to be awarded finally total \$18.00 by reason of names being drawn for absent members or non-paying members, that award will be continued at \$18.00 and a new one will be started the following month and continue as did the first one until it might reach \$18.00. In that event, the first name drawn will win the old award; the second name drawn will win the new award.

The first drawing was held at the last meeting and John, WØPHW, had his name drawn and upon calling loud and long it was determined that poor old John was not present. So, in case you haven't been told, John, you lost a buck and a half which now makes the July award \$3.00. So come to the next meeting, John, maybe your name will be drawn again.

CLUB EMBLEMS

We will have for you at the next meeting on July 10th the new club emblems. One transparent to be used on the windshield as identification your car as a member of the Ak-Sar-Ben Radio Club, and the other in scotchlight to act not only as identification but as a safety factor to further light up your bumper. Dick Curzon did a real fine job on these and whereas we have several for each of you there is a slight catch in that we will need to get 50¢ apiece from you for them.

We hope that each member will put a set on each car as we need to sell quite a number of them to get our money back and it is not a money making proposition until we reach that point.

From FLORIDA SKIP, Florida
R. A. (Via CQ News)

Attention VHF men: A new electron tube, developed by Ohio State University for the Air Force, operates at frequencies not only far above the highest TV channel of 890 Mc but also considerably above the World War II airborne radar frequency at 10,000 Mc. It works well at a frequency of 70,000 Mc and has operated with reduced power output, at 100,000 Mc.



Dear OM's:

For the information of any interested Amateur Operators, will list some brief information regarding Air Force M.A.R.S. activities in Nebraska & Iowa. 10th Air Force M.A.R.S. with Headquarters in Selfridge Air Force Base, Michigan have regular assigned training and traffic nets operating on assigned frequencies, and supervisory personnel as follows:

Director of Zone 4 (Iowa - Nebraska) is Earl Roberts, W00FW, 621 Stewart St., Council Bluffs, Iowa - Phone Council Bluffs 6300. He is responsible for the 10th A.F. -MARS following.

Net No. 4A - 4450 Kc - 2000 to 2100 CST each Thursday. Net Manger, Leo Connolly, K0JIU, Council Bluffs, Iowa.

Net No. 4B - 4450 Kc - 2000 to 2100 CST each Tuesday night. Net Manager, Elmer Isaacson, K0BXO, Sioux City, Iowa.

Nets 400 & 401 (C.W.) 4450 kc - 1000 to 1100 CST Sat's & 2200 to 2300 CST Sunday's. N.C.S. is Ronald Susman, K0KMX, Omaha, Nebr.

VHF Net No. 42 - 143.46 mc & 143.95 mc - 2100 to 2200 CST each Thursday.

VHF Net No. 47 - 49.98 mc - 2100 to 2200 CST each Sunday.

Manager both VHF nets is Harold Peterson, K0IJS, Omaha, Nebraska.

MARS Central Technical Net. Nebraska & Iowa portid operates on 7305 kc under direction of Harry Glawe, W0JOL, Dana, Iowa. Sunday's from 1600 to 1700 CST. Any AF-MARS member in good standing with 10th AF-MARS, S.A.A. -MARS, CONAC-MARS, etc. can request to join this net by writing Harry.

S.A.C. - MARS, Offutt Air Force Base, Nebr.

Director is C.W.O. Thomas G. Ball, MARS Director, Offutt Air Force Base, Nebr.

For information dial BE 2100 and ask for extension 23256.

This writer will be glad at any time to answer any written or phone calls for information regarding The Military Affiliate Radio System in Nebraska. BE 2418.

73's

Loyson G. Troth, K0BRS
Nebraska State Co-ordinator,
M.A.R.S.

FOR SALE OR TRADE

Two 70 Amp 12 volt heavy duty automotive generators and matching regulators. Can be re-wired for 110 v pwr. suppl.

Paul Taylor
WA 7763

RACES - AREC

At the emergency net meeting held the last Monday in June, the subject under discussion is emergency power. We had hoped to obtain AC generators from CD; however, it seems there is no money so the problem was to figure out how to scrounge some generators.

At the May meeting a committee was established for the purpose of investigating a reported home-made generator and the committee brought a demonstration generator to the meeting. This particular unit was built by Melvin Cunningham, call unknown (he is watching the mail box daily.) It consists of:

1. A 4-cycle engine, preferably at least 3/4 horse power, horizontal shaft desirable;
2. A 6-volt either Delco or Autolite generator;
3. A Stanco RT no. 202 transformer;
4. A full wave, 12 volt, 4 amp, selenium rectifier.

Due to no money as yet, each individual is expected to procure these items if he wishes to have a standby power supply. Melvin will bring his generator to the Club meeting on July 10th as to give a demonstration the benefit of those who were not in attendance last Monday.

The plan is to have the equipment gathered as best you

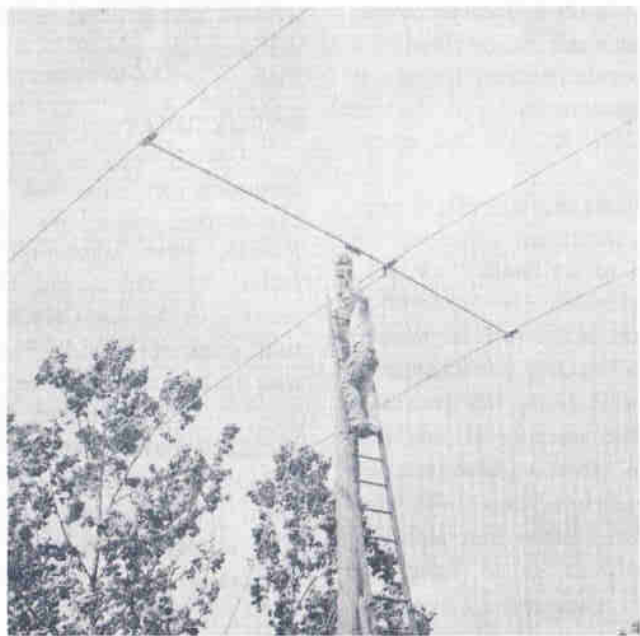
can by the last Monday in July and we will then set up an appropriate time and Melvin has volunteered to assist in a group for the purpose of rewinding the generators and putting the whole thing together. As he has done this several times we think it will be rather easy for those interested to construct these units.

As to the cost, assuming you can scrounge a suitable gasoline engine for around ten bucks, it should total no more than \$20.00 to \$25.00, and assuming your time for construction is worth nothing this will make a very inexpensive power supply sufficient to operate a small transmitter, receiver and a light bulb.

UNFORTUNATE?

Unfortunate, yes, but fortunate in that he carried insurance was Dick Curzon, KØAIS, when lightning hit the beam. We understand that the outside of the transmitter looked real good but inside everything was kind of melted down.

Ed Gutmann, WØCQX, finally got tired of running his battery down while working on his BC 1335 and has procured a battery eliminator.



TIPS FROM THE TRAVELING AMBASSADOR

by KØTFJ

(Editors Note: In as much as Bernie (KØTFJ) travels throughout much of the United States and has the opportunity to personally meet and talk with many hams, we have asked him to act as a traveling ambassador for the Ak-Sar-Ben Radio Club. His assignment will be to spread a little good will of the A.R.C. and to report in HAM-HUM any interesting experiences that he encounters. This is the first such reports.)

In Cleveland, Ohio there are 6 active ham radio clubs. Each of the 6 radio clubs delegates 2 members to represent them in an organization known as "Cleveland Council of Amateur Radio Operators." This council (12 members) has a Resident, a Vice President, and a Sec'y-Treasurer. The council's purpose is the correlation of ideas, activities and functions of the 6 radio clubs, in the betterment of Amateur Radio. If one club discovers a good feature entertainer, this is recommended to the other 5 clubs; or if one club stumbles on to a new solution to combat TVI, this is passed on to the other clubs. For example: Did you know R.C.A. will furnish free of charge a \$6.00 Hi-Pass filter for R.C.A. TV sets? Did you know that R.C.A. will furnish schematics of their Hi-Fi equip-

ment and showing exactly where and what filters should be installed to screen out ham interference? *The "Area Council" makes this common knowledge. Needless to say the advantages of such a program.

At present, the Area Council is completing extensive plans for a ham convention which will be held in Cleveland this coming October. (Watch QST for definite dates.) If ONE club attempted to organize a hamvention it would be a tremendous task, but for SEVERAL clubs, the job becomes comparatively simple.

This little tip of an "Area Council" is worthy of consideration by our own radio club. Around the Omaha area there are at least 4 clubs that could become the nucleus of an Area Council. Perhaps A.R.C. could start the ball rolling. Who knows - maybe Omaha could have a Ham Convention in 1960.

John Snyder, WØWRT, and Jerry Knight, WØWSN, are at work converting 6-volt wide band equipment we acquired as surplus from CD to 6 meters. They plan then to convert it either to narrow band FM or AM so that it can be used on frequencies below 52 megacycles.

AK-SAR-BEN RADIO CLUB INC.
P. O. BOX 626
OMAHA, NEBRASKA

NEXT MEETING
AK-SAR-BEN 4-H BUILDING
AK-SAR-BEN FIELD
July 10, 1959
8:00 P. M. SHARP