



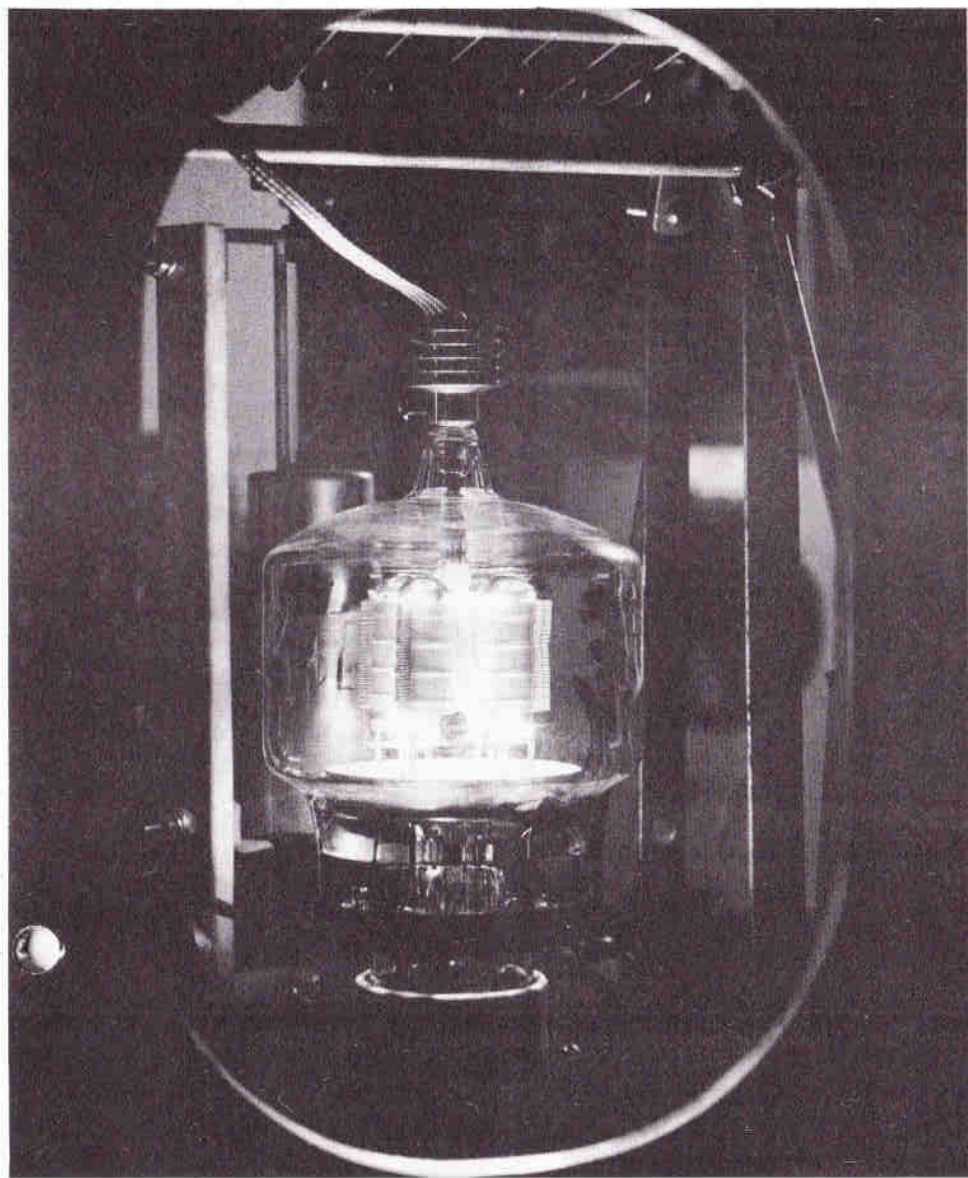
HAM HUM

Published by
AK-SAR-BEN RADIO CLUB, INC. - Omaha 1, Nebr.
Post Office Box 291 - Downtown Station



Vol. XVI
No. 1

January 1966



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.



Published by
AK-SAR-BEN RADIO CLUB, INC.
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Omaha 1, Nebraska
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JANUARY MEETING

There were approximately 45 people in attendance at the January meeting. A Bell System film entitled "Beyond All Barriers" was shown. Our thanks to John Orr, WØPHW, for arranging for this film.

Three new members were welcomed to the Club:

Jay C. McAleer, WAØLLQ
839 South Polk Street
Papillion, Nebraska 68128
Phone: 339-3448

Chuck E. Elsasser, WNØMNV
6207 South 41st Street
Omaha, Nebraska 68107
Phone: 731-7311

John C. Lof, WAØGHO
1015 North 74 Avenue
Omaha, Nebraska 68114
Phone: 391-1655

NOTES FOR HAM HUM

Club member David C. Moses, WAØGED is the proud owner of an EXTRA class license.

RTTY notes - Fred Fischer, WØEGP is assembling his station, repairing the machine and will be active soon. The same goes for new member John Lof, WAØGHO.

Membership notes - as of the January meeting there were 45 members with paid-up dues.

NEWS FROM PRARC

A plaque for most valuable member of the year was presented to Tony Cashion, KØOAL, by the Pine Ridge Amateur Radio Club.

Officers of the PRARC for 1966 are: Pres., WAØJKN; Vice-Pres., KØODH; Secy.-Treas., KØPTK.

FEBRUARY MEETING

The next meeting of the Ak-Sar-Ben Radio Club, Inc. will be held at 8:00 P.M. on Friday, February 11th, at the 4-H Building, Ak-Sar-Ben Field.

We will have a discussion of satellite tracking along with various problems, such as the time and location of satellites.

The discussion will be led by Al McMillan, WØJJK. Even though you might not just happen to have a 36 foot reflector dish in in your back yard there is still a lot to be interested in regarding these satellites.

The usual refreshments will follow.

Mark these dates on your calendar:

MARCH 11 -

We plan an auction at the March meeting on the 11th.

SEPTEMBER 11 -

Annual picnic will be held on Sunday, September 11th.

NØTES FROM AL HOFGAARD, KØTUS

New Arrival

We missed our faithful photographer at the last Club meeting--and for good reason, Erv Heinz, WAØEEM became the father of a new daughter Saturday, Jan. 15, after being kept on pins and needles for several hours. Congratulations to Mr. and Mrs. Heinz!

* * * * *

Prize Winner

He did it again! Bob Broom, Jr., KØOQL, won a new call book in the raffle. What you didn't know was that Bob predicted that he was going to win it. Now we're going to be calling on Bob for more predictions from time to time.

* * * * *

Congratulations

We congratulate Dave Moses, WAØGED for attaining the exalted station of Amateur Extra Class, passing the test at the last FCC examining date. We hear there are others studying for this license, and wish them well, and surely more of us should be reaching for the books and increasing our code speed instead of just resting on our--you know what.

* * * * *

One of the later hams to acquire a new rig is Henry Velte, WØABI, a charter member of the Club, and a 40-year ham. He is spreading good cheer quite a bit on 40 meters with

his new Galaxy V, plus linear. However, it looks like we'll have to do something drastic to get He down on 10 meters for some local rag-chewing. You don't have that excuse of too many knobs anymore, Henry.

* * * * *

Don't know if it is apropos or not to put it in print--but thanks, Leo, for a good rig. Am sure you receive testimonials from many satisfied hams, but when Bruce Lawson, WØOTQ, says that he talked to a mobile in Norway using a Galaxy, that probably says it all. I hope you asked for a QSL, Bruce.

* * * * *

Don't forget the upcoming Ham Auction, now proposed for the March meeting. Start looking around the shack for that item you would just as soon exchange for money. Tell it on the air, and to anyone who will listen. It could be quite a night--for both seller and buyer.

* * * * *

At a board meeting the other night we started talking about Field Day. Premature--you say? Talking Field Day in January? Well, for Field Day our Club has to have a location. No location--no Field Day. You know of a good one we might use? Put the info on the card and mail it in. The committee will do the rest.

* * * * *

(Continued on Page 16)



SILENT KEY

Ak-Sar-Ben Radio Club mourns the loss of a charter member. Ed Gutmann, WØCQX, passed away on Sunday, January 16th. He had been ill for about a year and a half and thus had been inactive on the band recently.

Not only was Ed a charter member but continuously served the Club in many ways. He was president of the Club in 1958, was always there at any club activity, always ready to serve in any emergency, and always a real booster for amateur radio and the Ak-Sar-Ben Radio Club. We will miss him as a member. Those of us who had contact with him per-

sonally will miss him even more as he was a man anyone could take pleasure in having as a friend. We know of no enemies. Once you met him you became his friend. He was not only a license holder but was an experimenter and builder and assisted many in the technical aspects of our hobby. In addition he spent a lot of time and effort in Boy Scout work and was a good family man. He and the XYL have raised three fine children. Our sympathy is extended to Grace, Betty, Rusty, and Skeeter.

We will long remember the call WØCQX.

OFFICIAL ORGAN OF THE AK-SAR-BEN RADIO CLUB



They claim members have failed to tick up their membership certificates. The secretary has them ready and waiting for them at the Club Meetings.

The Treasurer has a number of membership cards which some Club Members love not even his about. He would like to give you yours if you don't have a 1951 card.

NEW CLUB ADAPTER ATTACHED. KEEP HANDY FOR REFERENCE

BLESSED MOTHER
Bright and early April 25th Mrs. Olson, wife of Earl Olson and President WØJRM gave birth to a bouncing baby boy. Our congratulations to the new parents. I believe this is number 1 for Earl.

IS OUR PLACE TOO
Through error in our last issue in listing all of the Ex-Presidents who were present at one of our club meetings we erroneously included our current President, Earl Olson. Please excuse.

FILE AS THIS
OFFICIAL BULLETIN IN FEB 1951
WE WOULD BE GLAD TO RECEIVE YOUR FEEDBACK IN
1951 TO BE A GOOD MEMBER OF

WØJRM has learned FCC will issue warning notices during the next thirty days to 25 amateurs heard working any of the bands listed in its public notice of Dec. 29th, 1950. These charts, these notices will be issued to violators. Part of the FCC public notice prohibiting communications with these countries are published on page 11 of February QST. Prefixes of the countries concerned are PA, FI, IS, IQ, JA, J2, J3, J and G4, except J and G4 which occasionally force station JA.



WE ARE SORRY
We are sorry to hear that our good friend, Neil Harson, WØJRM, has moved to Denver. We hope we can keep in contact with him via amateur radio.

WØJRM

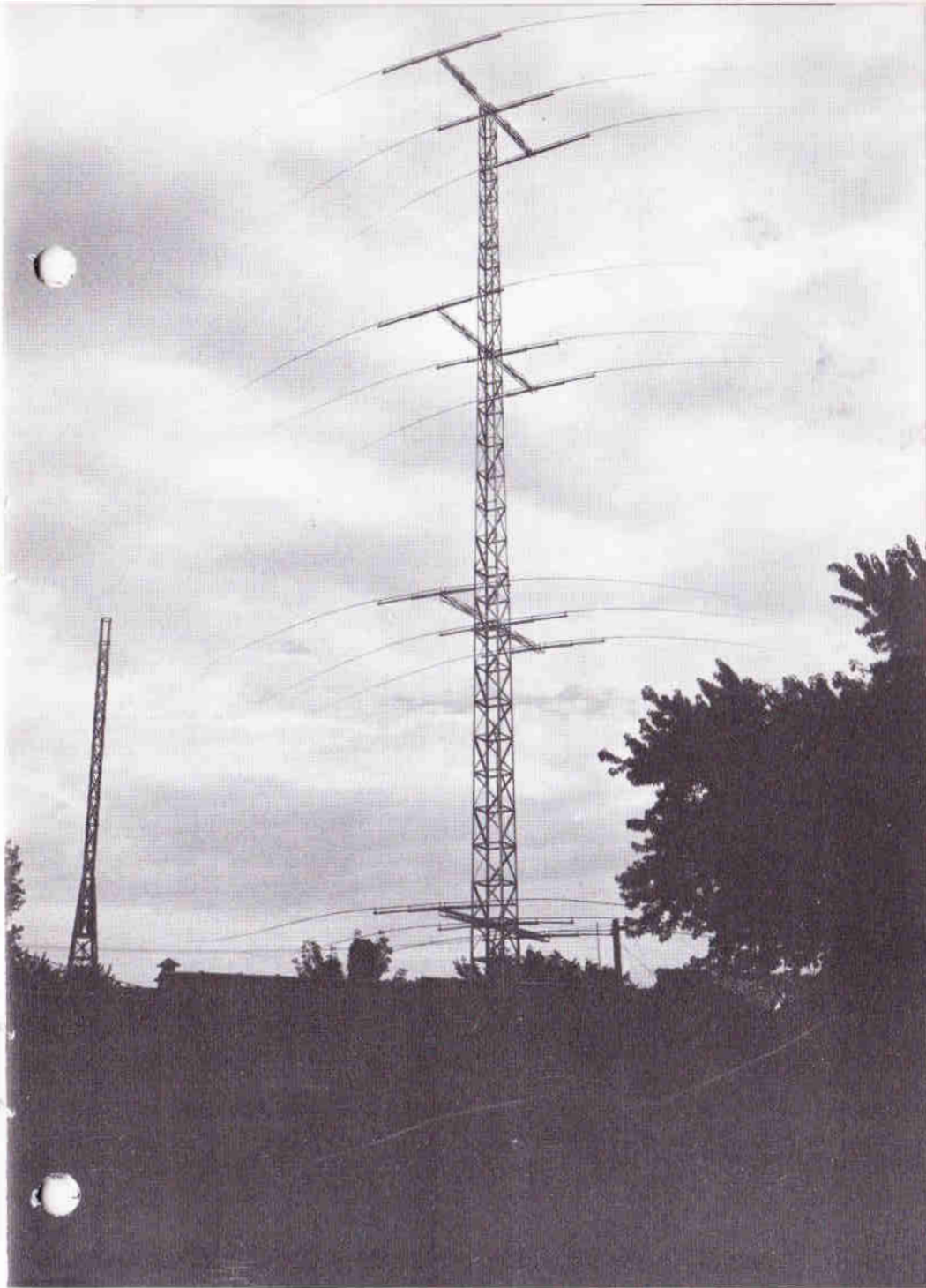
THIS IS HAM HUM'S LAST ISSUE of its fifteenth year. In February, 1951 the Ak-Sar-Ben Radio Club (no INC. in those days) published its first issue - a 3-sheet mimeographed bulletin. On the masthead it read "NAME ME AND WIN A VALUABLE PRIZE." In the third issue it was announced that Mary Richardson had conjured up the name of the publication and "HAM HUM" appeared on the masthead. Other names submitted were: "Clix and Chirps," "Splatter-tales," and "The Snooper."

The first few years Ham Hum was printed from mimeograph or duplimat masters and no photographs were used, just rough line drawings. However, the Club did have a photographer-member, Elmer Stein,

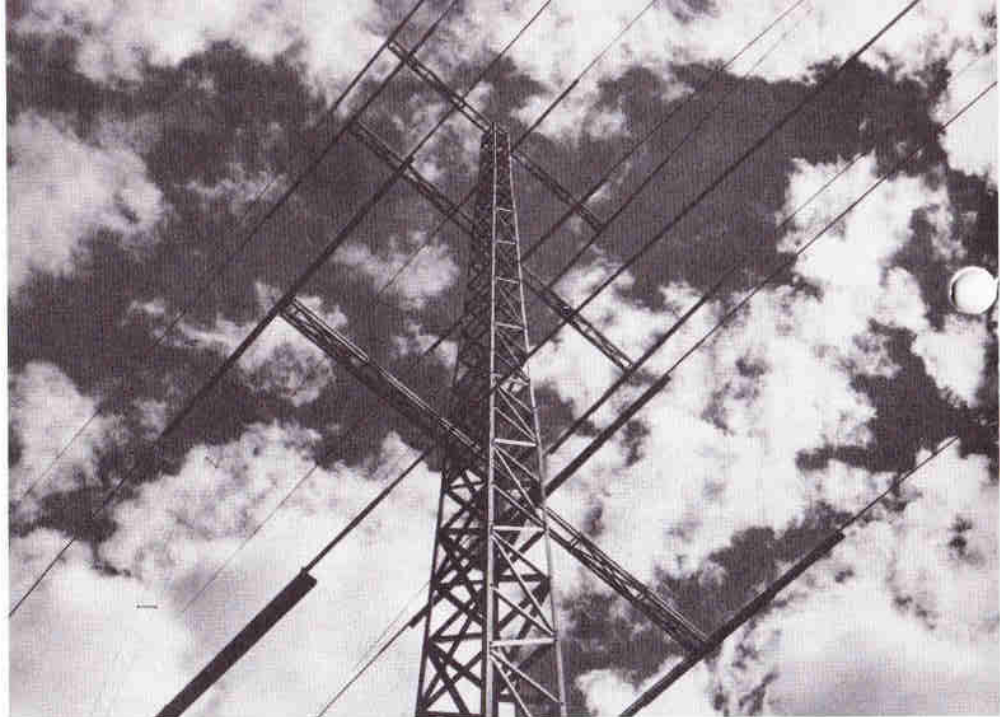
WØAVM. We found some prints of his that were prepared for a display in 1948 and have reproduced some on the following pages that may be of interest to our readers.

They show how our equipment has improved over the past 18 years, and how some of our members have mellowed. The antenna built by Bill Peterson, WØJRY, was unusual for that year or even for 1966 as the entire tower rotated. In the photograph of Bill's shack, the impressive wheel by his head was really impressive; however it only operated the variac to adjust the shack volta.

We could identify all of the Hams except for the last picture (on the bottom of page 14). Maybe one of our readers can help us recall his name.

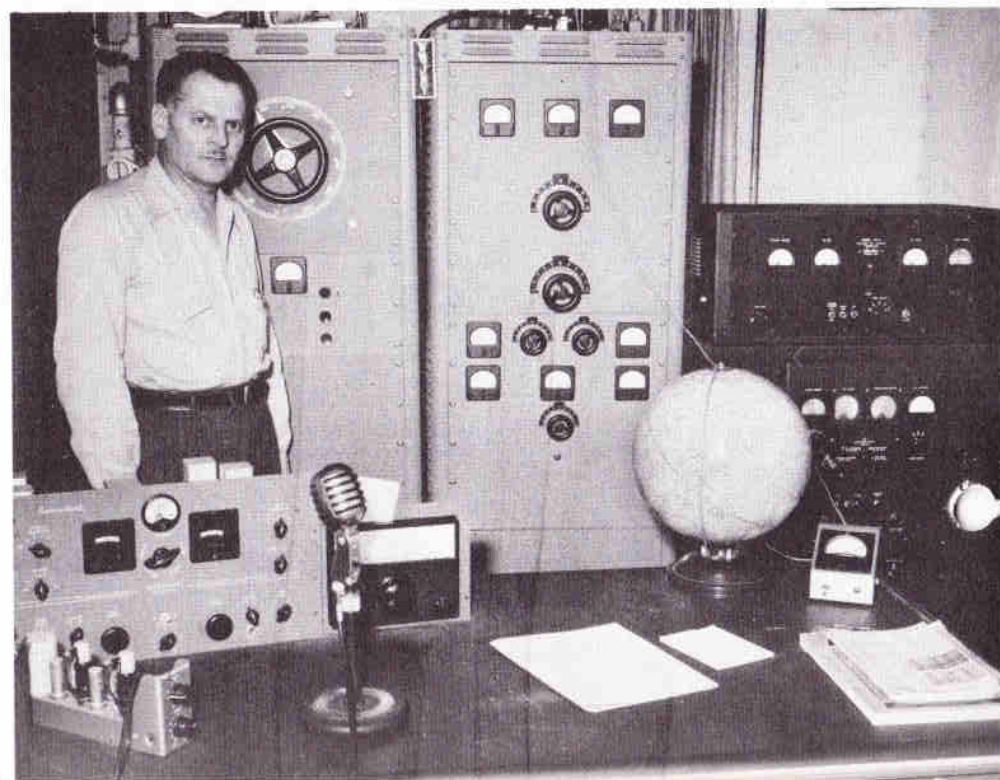


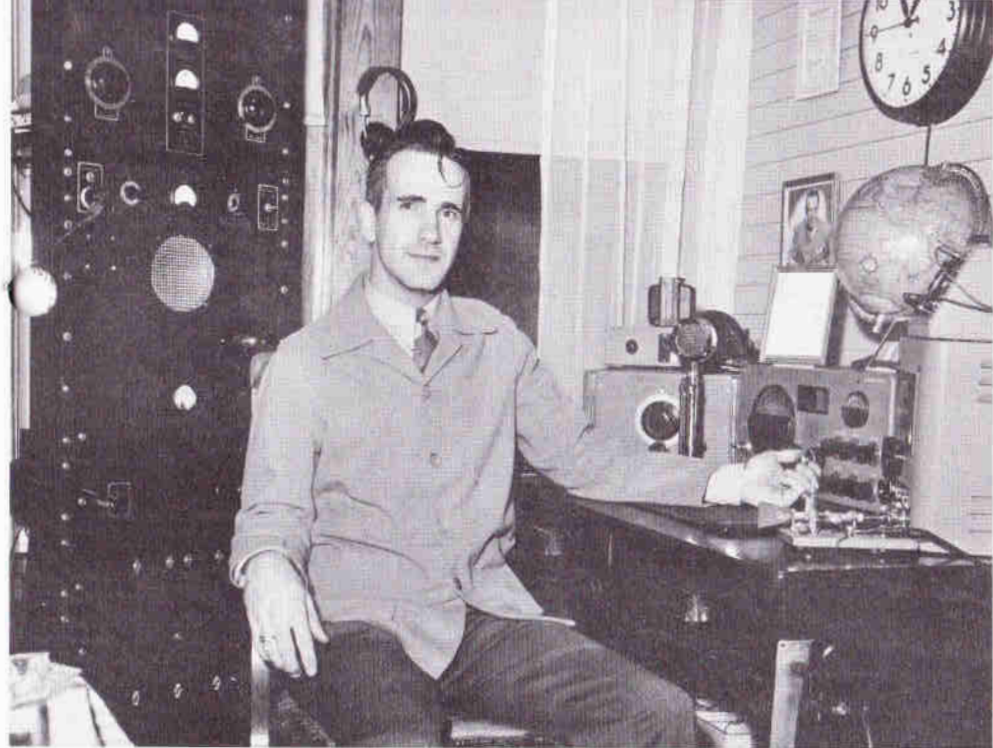
Antenna of Bill Peterson, WØJRY



Bill Peterson's antenna

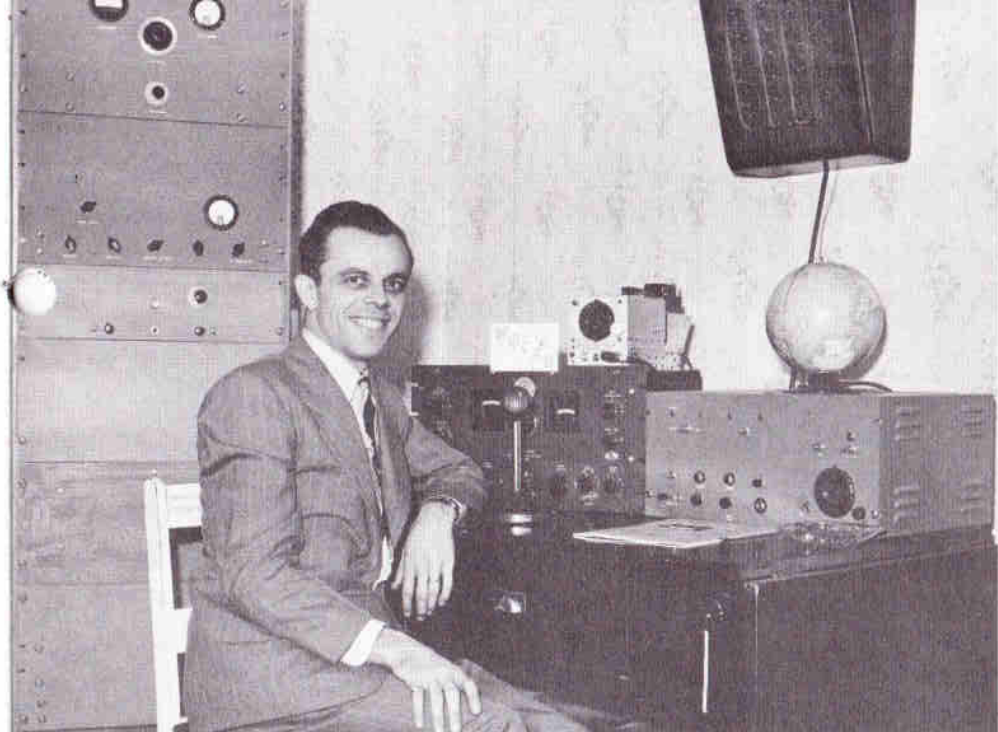
Bill Peterson, WØJRY





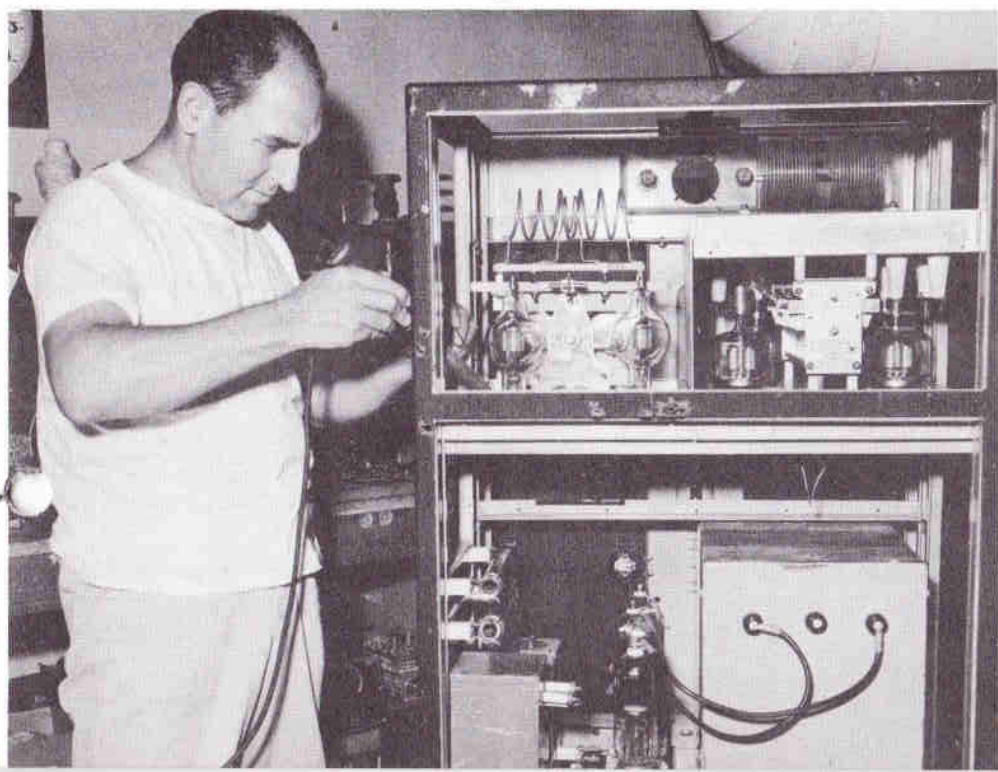
Doc Fry, W0EAO

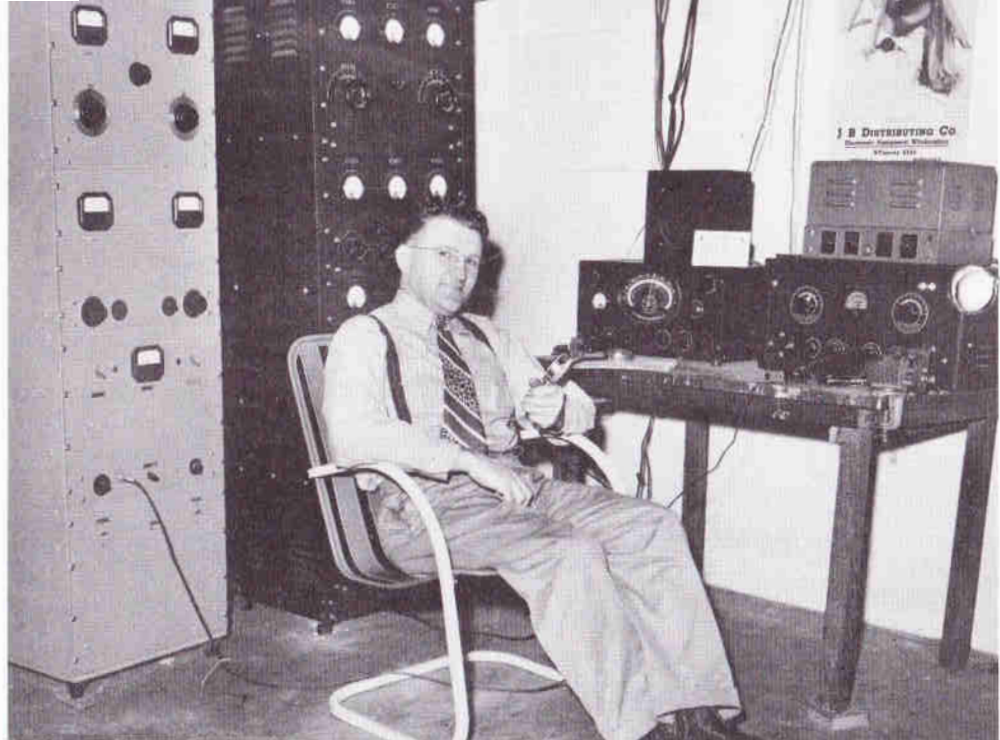




Bob Lewis, W0CZK

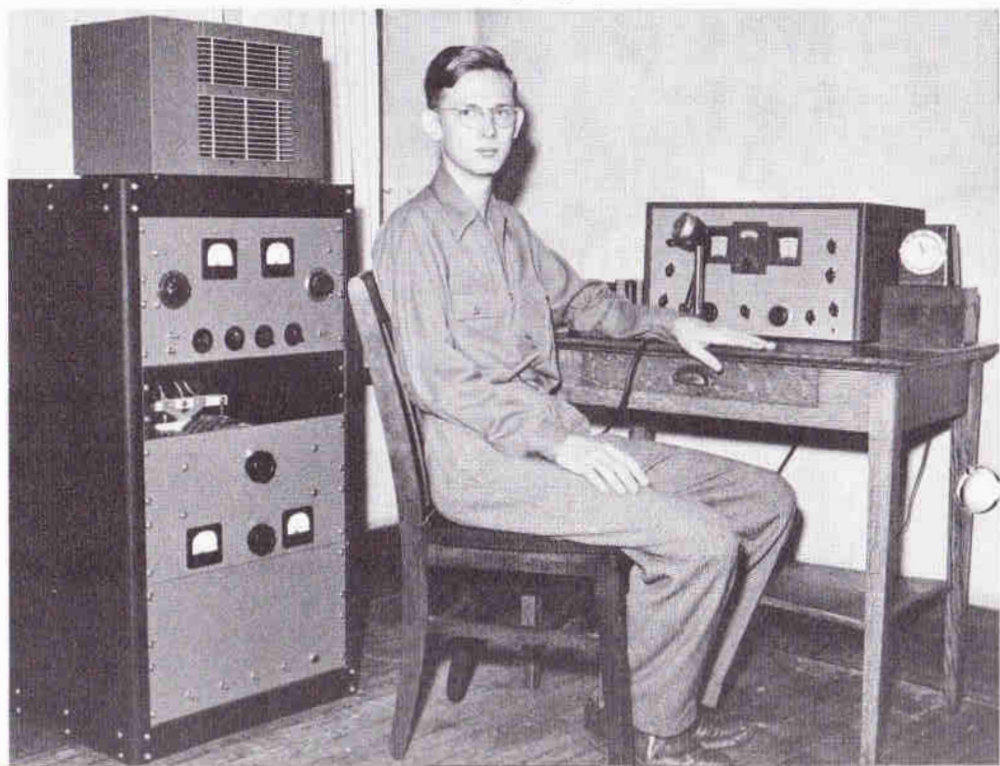
Herb Curry, W0QXR





Harold Prell, W0VIG

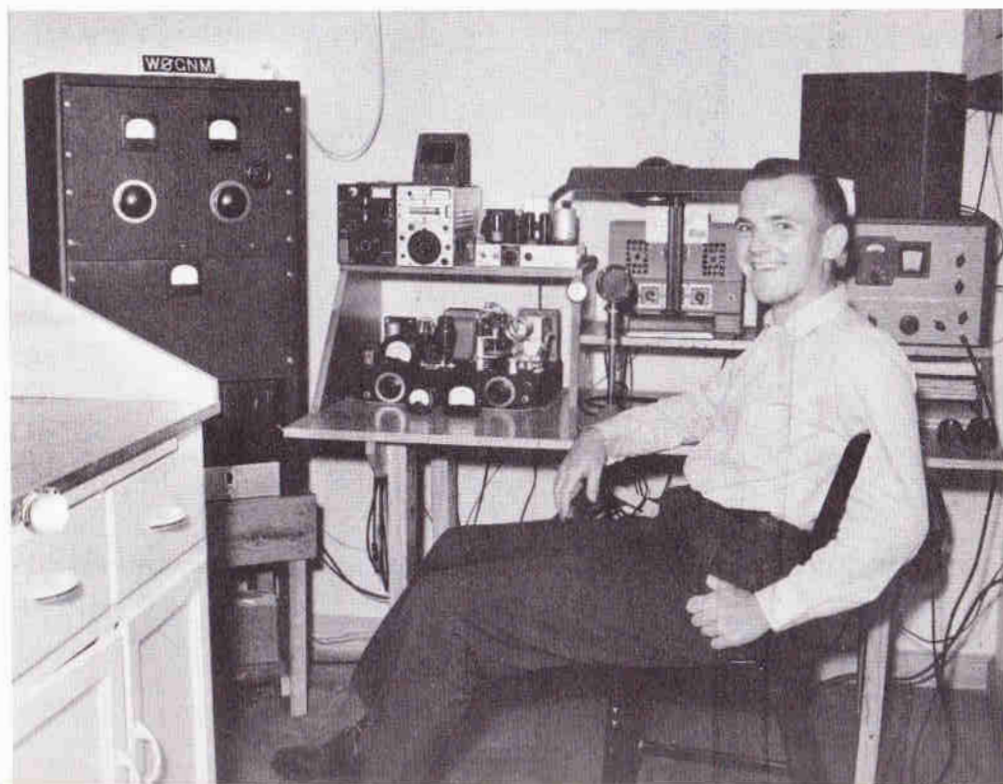
Robert Rosenquist, W0EHF

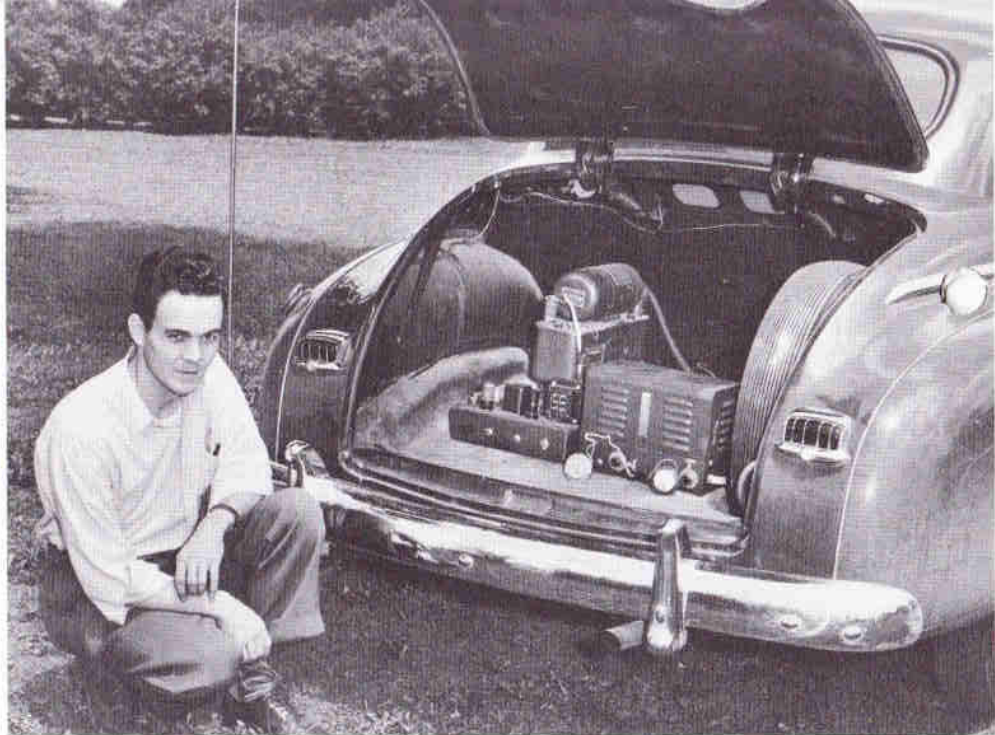




John Leeder, WQUFD

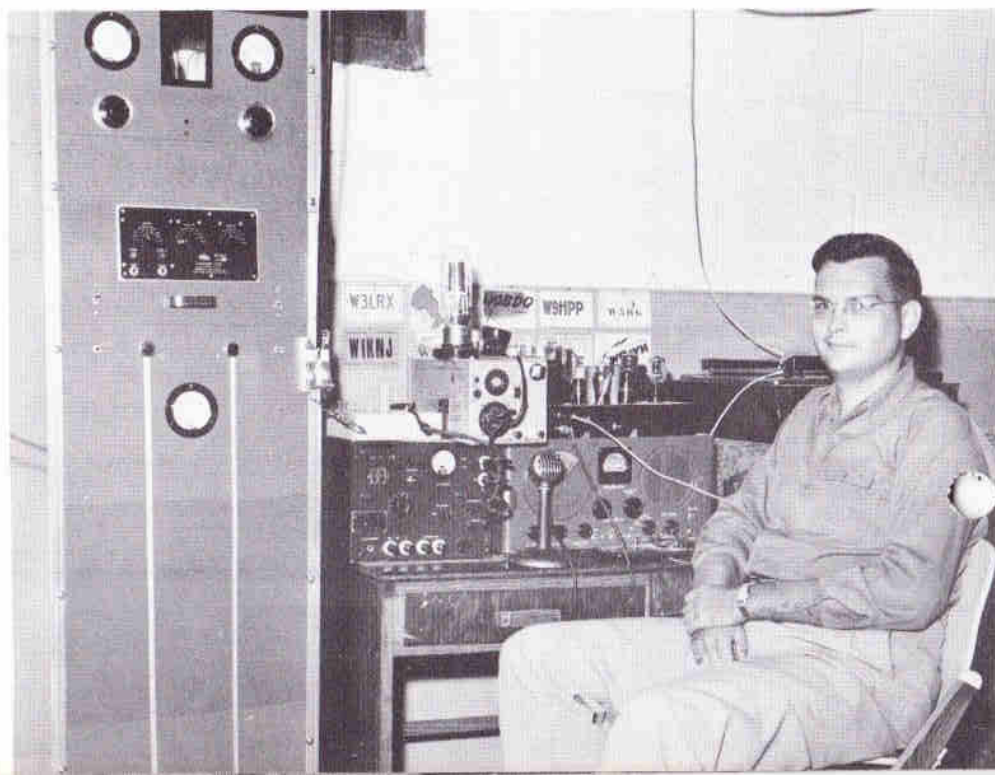
Robert W. Scott, WQGNM





James M. McIntosh, W0APV

?



15 YEARS AGO

In the first HAM HUM the election of officers for 1951 was announced with Earl Olson, WØJKE, President; Robert Stratbucker, WØHZE, Vice President; Father R. J. Strange, WØQHJ, Secretary; and J. "Doc" Curry, WØEAO, Treasurer.

We also learned from the first issue that Bob Stratbucker, WØHZE, fell 15 feet off a step ladder while working at the U. S. Brush Company (while girl watching).....Herb Curry, WØQXR, was in charge of the sale of call letter neckties.....Father Strange was welcomed back to regular attendance from a recent illness.....Rosey, WØEHF, and Art, WØFQB were troubled with TVI.....Gerry, WØNKG, revealed that Pauline was expecting.....we were worried about collecting dues.....thanks extended to last year's President, Doc Becker, WØBBX, for his year of service.....dues were 50¢ per month, 25¢ for students, and initiation fee of \$1.00.

In looking through the first year's issues I find the editorial staff is missing the March, April, August, and November 1951 issues of HAM HUM. As the name "Ham Hum" did not start until April, we think the March issue was called "Ak-Sar-Ben Radio Club News."

In May we find that Marion and Earl Olson had a new baby boy born April 25th.....Mrs. Becker's new call was WØCSN.....WØLHZ and WØJEM had new mobile units.....QXR designed and HZE is building a carrier current transmitter to be installed at Omaha University.....EAO moved to Indiana.....John Orr, WØPHW, was chairman of the membership committee.

In June 1951 JJK was experi-

menting with radio controlled airplanes.....Pauline Armstrong was advised to be patient, that it would not be long now.....the program in May was an extremely interesting demonstration and lecture on Microwaves by Forest Francisco of the Telephone Company.....much about Field Day including meals for the gang at \$2.00 per person for the three meals.

The July issue reported on Field Day - "rain was by far our greatest enemy, equipment failure second".....Pauline Armstrong's wait was over, the new arrival Michael Lee weighed 7 pounds, 9 ounces, born June 16th at 5:30 P.M., and congratulations were tendered to NKG and XYL.....the passing of Milan M. Kinsey, WØEKK, on June 17th.....and under the Gossip column we find that Al McMillan, WØJJK, has given up railroading (model, no doubt).

In September we learned of the passing of Porter Quinby, WØAY.....a new Junior Op for PZJ.....JJK and EUT added to the WRL staff.....Guy Bailey, WØKJP, is the new SCM.....thanks to Mrs. Kinsey who donated Mike's gear to the Club.....the Coopers (WØIOS) were expecting the stork.

In October the new Club station, WØEQU, was announced.....Art Gaeth, WØQFB, has a change of antenna and reports that WØRQS has put up a new lightweight 8 element Sterba for ten meters.

In December, a new addition at the Coopers - Linda Jane, born November 12.....John Orr, WØPHW, wants to sell a Gonset 3-30 for \$15.00, including case, tubes and knobs.

(Continued from Page 4)

They used to say that one could tell one ham from another by his fist--in CW--that is. Some hams have a distinguishing sign on or sign off. We'll let you guess on this one. It's a sign off--"Big 7 and little 3--and you'all come." Tell you next month.

* * * * *

It's been my good fortune to visit and see the ham shacks of quite a few hams lately. It always gives one ideas on what to do on one's own. Then I come home to my shack----no wonder my XYL turns her face away every time she goes by it. Guess I'll have to finish some of the started projects--and take advantage of the auction.

* * * * *

If Dick Eilers should print this kind of local news--you know he'll print your news. Maybe see you again.

ETAOIN

(the ETAOIN is a Linotype Op's sig)

FOR SALE

Estate of KØWSP - Drake TR3, complete with AC power supply, Gonset SSB Linear GSB 201, 50-foot antenna pole, guys, and trapped antenna, WRL 7C-A (6 meter) transceiver and P/S, several microphones, test equipment, and operating desk. Prefer package sale.

Mrs. Thos. Stephens

4319 Burt St.,

Omaha, Nebr.

Phone: 556-5658

Al is right!
Here's
a column
waiting for
your story,
sales item,
notice or just
chit-chat.

Send in
that
postage-paid
card
right now
for the
February
issue.

FOR SALE

Calrad Model 400C High-impedance, crystal microphone with standard small-barreled, 3-conductor phone plug - \$2.50.

Summer 1963 Callbook - U. S. Listings - \$1.00.

FOR SALE OR TRADE

Never used Sams Photofact Set No. 157 Folders 2, 3, 4, 5, 6, 7, 9, 10, 11, 12.

TV Folders 10¢; Other Folders 5¢.

Or will trade for any of the following: 3-14, 112-3, 124-9, 139-12, 338-9, 465-14.

Harry I. Silver, WAØDJK
Phone 551-0369 or see me
at the Club meeting

B. & W. Model 380 T-R Switch for SSB; Navy RDZ-1 receiver, condx. not known for sure, but does have husky 115 a.c. pwr. supply; 12000 volt luminous tube transformer (neon)

Will consider any reasonable offer or might trade for something I could use.

John Snyder, WØWRT
556-1538

WRL will have a new **free "Novice" Class** for obtaining an Amateur Radio license starting February 28, 1966, 8 weeks, each Monday evening, 6:30 - 8:00 P.M.

3415 West Broadway
Council Bluffs, Iowa

Hi Gang:

Anyone having a Galaxy III or IV for sale, call 391-5461, Steve Lustgarten, WAØJES.

While talking to another ham friend on the phone, this circuit hit me. Because many ham transmitters do not have P.T.T., I was wondering how I could incorporate this useful circuit into my T-150A. It's very simple and I wonder how many times it has been printed, but haven't seen it in any magazines so here goes: It is just the switch on my microphone wired in parallel with the key. Because most transmitters are operable only with the key plugged out, this eliminates it and you don't have to unplug the key everytime you want phone operation. I haven't had any trouble with it and it doesn't affect CW operation either.

Steve E. Heil
WAØMKA

Thanks to Bill Rinker, KØANL, of 1906 North 87th Street, Omaha, for the magazines donated for our Club library.

Anyone building the Heath "Cantenna" may experience some difficulty in getting transformer oil as recommended by Heath Co. Transformer oil may be bought from either the O.P.P.D. at 43rd and Leavenworth location, contact Mr. Will Howard, or can be bought from the E. A. Pedersen Co. at 1049 S. 20th St. (corner of 20th and Pierce). A gallon of this oil should cost around a dollar and is well worth using instead of a substitute.

WØWRT & WØPHW
2 Johns

THE PRESIDENT'S CORNER

by Marv, WAØHRX

EDITOR'S NOTE: This article, written by Bob Considine of the Hearst Headline Service, appeared in the January 1959 issue of Reader's Digest.

On the back of an envelope found among his effects after his death last summer in a plane crash, former Atomic Energy Commission Chairman Gordon Dean has scrawled:

1. Never lose your capacity for enthusiasm.
2. Never lose your capacity for indignation.
3. Never judge people, don't type them too quickly; but in a pinch always first assume that a man is good and that at worst he is in the gray area between good and bad.
4. If you can't be generous when it's hard, you won't be when it's easy.
5. The greatest builder of confidence is the ability to do something--almost anything--well.
6. When that confidence comes, then strive for humility; you aren't as good as all that.
7. And the way to become truly useful is to seek the best that other brains have to offer. Use them to supplement your own, and give credit to them when they have helped.
8. The greatest tragedies in world and personal events

stem from misunderstandings.

Answer: Communicate.

Gordon Dean lived by that splendid testament.

de Gering, Nebr. Condensor

WANTED: I am looking for a low powered xtal transmitter for MARS use (2434 - 2656 Kcs) and would be willing to beg, borrow, horse trade, or as last resort go so far as to buy one. Something in the 40 to 60 watt range or thereabouts. No modulator necessary, just CW.

Thank you - if there is anything I can do from Fremont, let me know.

73, Tom Bracket - KØJFN

OFFICIAL BULLETIN NR 39 FROM ARRL HEADQUARTERS NEWINGTON CONN DEC 22 1965 TO ALL RADIO AMATEURS BT

OSCAR Headquarters indicates that OSCAR Four is in a highly elliptical orbit with an estimated period of 600 minutes. The inclination is 26 degrees, apogee 18,000 miles and perigee 106 miles. Late tracking information indicates the input frequency is 144.1 Mc., the output center frequency 431.940 Mc. and the beacon is on 431.928 Mc. The first confirmed report of contact through OSCAR was between W6YK and W4AWS. OSCAR bulletins are carried by W6EE on voice on 3935 7235 and 14,235 at 0400 GMT, on c.w. 3507.5 7014 and 14,040 at 0415 GMT and on RTTY on 3625 7040 and 14,090 at 0445 GMT. Reports of signal reception or contacts made via the repeater should go to Project Oscar, Foothill College, Los Altos Hills, California. W1AW will carry further information as received AR

**OFFICIAL BULLETIN NR 42
FROM ARRL HEADQUARTERS
NEWINGTON CONN JAN 13 1966
TO ALL RADIO AMATEURS BT**

All U.S. and Canadian amateurs are invited to participate in the ARRL International DX Competition, the second and fourth weekends of February and March. Convenient new reporting forms are now available. U.S. amateurs are reminded that certain countries object to communications between their amateurs and those of other countries. Cambodia, Indonesia, Thailand and Viet Nam forbid such radio communications. The prefixes to avoid are HS XU XV 3W8 and 8F. Canadian amateurs additionally may not contact Laos XW8 and Jordan JY. K1YPE/XV5 is operating from Viet Nam with the express authority of the local government and that the FCC, therefore, has no objection to U.S. amateurs working K1YPE/XV5 AR

It may be of some ham interest to know some of the frequencies used in the space communications projects. Typical frequencies used during Gemini were HF 15.016 mcs. and UHF 296.8 mcs. Many other HF

UHF frequencies are being used of course, and these are just a couple which were shown in Electronic News.

John, WØWRT

**OFFICIAL BULLETIN NR 41
FROM ARRL HEADQUARTERS
NEWINGTON CONN JAN 6 1966
TO ALL RADIO AMATEURS BT**

February presents an excellent opportunity for every amateur to test his frequency measuring skills by taking part in an ARRL Frequency Measuring Test. W1AW will transmit signals for measurement on February 11 at 0230 and 0530 GMT. This will be the evening of February 10 at 2130 EST on approximately 3514 7060 and 14,086 kc. A second series of test signals will be transmitted three hours later on about 3524 7086 and 14,147 kc. Each participant will receive an individual report comparing the accuracy of his measurements with those of a professional frequency measuring laboratory. Further FMT details will appear on page 94 of February QST AR

**OFFICIAL BULLETIN NR 40
FROM ARRL HEADQUARTERS
NEWINGTON CONN DEC 29 1965
TO ALL RADIO AMATEURS BT**

Attention DXers. K1YPE/XV5 is now operating from Viet Nam with the express authority of the local government. FCC, therefore, will have no objection to United States amateurs working this station within the framework permitted by the Viet Nam authorities. Additionally, FCC has forwarded information stating that K1YPE/XV5 has received permission to handle third party traffic AR

"PROFESSIONAL HAMS" RECOMMEND A 5 BAND TRANSCEIVER ESPECIALLY THE GALAXY V

Greater Selectivity and Stability • 300 Watts SSB/CW • 80 thru 10 Meters • Compact • Mobile or Fixed
"The only transceiver designed without compromise for the ultimate in SSB performance."

300 watts—conservatively rated with highest efficiency. Better than 200 watts output on all bands.
 Smallest of all the high powered transceivers. (6" x 10 1/4" x 1 1/4")
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- "Sharpest" of all transceivers . . . special McCoy 6 crystal filter.
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- Complete 80 thru 10 meter coverage. 1 megacycle on 10 meters.
- Perfect mobile and fixed station transceiver.
- "Superior", audio-derived, dual constant AGC.

D.C. SUPPLY

Efficient transistorized supply, with thermal overload protection. Provides full power for Galaxy V from 12VDC—\$89.95

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Completely solid state. Provides full power for Galaxy V from 115 VAC, 50-60 cycle—\$79.95

REMOTE VFO

Provides split frequency operation on receiving/transmitting when used with the Galaxy V—\$69.95

\$399.95 \$18.00 MONTHLY

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World Radio Laboratories 3415 West Broadway Council Bluffs, Iowa Zip 51504

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