



HAM HUM

AK-SAR-BEN
RADIO CLUB

WØEQU

MARCH 1952

P. O. Box 626

Omaha, Nebraska

VOL. II NO. 3

DESIGN QSL CARD AND BECOME FAMOUS

Anticipating Field Day and what have you, we come to the realization that our club station WØEQU does not have a QSL card of any kind to send out for QSO confirmations, therefore, it is hereby announced that a QSL card designing contest is now inaugurated.

Everyone interested please use the post card enclosed with your copy of Ham Hum.

The three best cards will be selected by our QSL card contest judges, Jerry Armstrong WØNKG, Hart Jendks, WØBDT and Everett Richardson WØLWJ, who will then submit the three top designs at our May club meeting for a final vote on the best one of the lot.

The winning cards designer will have their call letters inscribed on the card as a tribute to his artistic ability.

Cards should be designed with simplicity in mind as well as economy from a multi-color standpoint.

All designs must be in by April 15, 1952.

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FIELD DAY 1952

Forecast: June 21st-22nd Rain, Snow, Sleet, Thunder, Lightening, Wind, Heat, Cold and indifferent weather.

Basically the rules for the 1952 Field Day will be unchanged from previous years with one exception, that is, no credit for message handling other than the messages reporting to the SCM.

STOP

LOOK

LISTEN

Announcing Another Big Pot Luck Dinner Party

Date: Saturday March 29, 1952

Place: Benson Park Pavilion

Time: Arrive at 6:00 P.M.
Eat at 6:30 P.M.

COME ONE

COME ALL

COME AS YOU ARE

Bring the family, friends and even the mother-in-law

The high pronounced success of our last Pot Luck Dinner Party held at the Miller Park Pavilion made it mandatory that another party with the same features be held again. Everyone present at that party had an evening well spent for fun and frivolity was at its heyday.

In order to enable our club to continue sponsoring more of these swell get togethers we are going to ask a voluntary contribution of 25¢ per person or 50¢ per family to help defray the cost of the party.

NEXT MEETING

March 14th, 1952

Friday 8:00 P.M.

Fontenelle Hotel

HAM HUM

AK-SAR-BEN RADIO CLUB

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WØEIH - STATION OF THE MONTH

Dear Ed:

I ges I'm no different than the rest of the hams insofar as "I don't have anything to say" but I tho't I'd drop u a line to let you know that WØEIH finally made the grade and put a signal on the air. Have been struggling with a BC 458 A and eventually got it to percolate on 7119 Xtal. I have the xtmr which WØAY used, which is an 813 and I hooked the BC onto it to see what would happen. No fireworks: she just took off so I loaded her up and tried a CQ for laughs. Got a kick from WØBAS in Portal N.D. and chinned him for about an hour. Got a 579 on the QSO also a compliment on my "fist" which has been on the shelf for 30 years, it being that long since I operated during the spark days as 9ASO. In succession I worked W9ILR in Kenasha, Wisconsin and then WØFFK in Pipestone, Minn. This happened on February 2nd. As you can imagine I got a real bang out of it.

I also have another rig still not in condition as yet but hope to have her finished some day. This rig will be a VFO into a 6L6 doubler stage on all bands to feed an 814 driver to a pair of 304TL's.

I have a longwire on 40 now and am rock bound for the present but don't intend to stay that way for long.

I should be on the air quite a lot on my day off from Fire Dept. duties. My old friend Noel Harmon will enjoy hearing that I am once again one of the "Gang".

At this writing, have worked all zones and have been getting excellent reports on my sigs. Believe you me, it is most certainly a thrill for an old fire horse to once agrin be a "Ham".

73 de John Mattern WØEIH

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HONEST JOHN PRESENTS

FOR SALE Lysco 10 meter mobile xmitter for \$20.00 money. Call WØPXJ KE. 6314 P.S. Will trade for 6 meter equipment.

THE NATIONAL FOUNDATION FOR
INFANTILE PARALYSIS

The March Of Dimes

Mr. Earle E. Olson
Ak-Sar-Ben Radio Club
P. O. Box 626
Omaha, Nebraska

Dear Mr. Olson:

I can sincerely say that the success of the Mothers' March on Polio can be attributed to the wonderful cooperation which we received from the members of the Ak-Sar-Ben Radio Club. The complete radio control of your members' cars was an important factor in prompt pickup of the funds.

I hope that you will convey my thanks to each of your members, as they all did a grand job.

Sincerely yours,

(Signed) George M. Cooper
Douglas County Chairman

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INVITATION TO MEMBERSHIP

Is this your first copy of Ham-Hum? If you enjoy reading it and desire to receive a copy monthly the only cost is that you simply send in the enclosed postcard, each month, with a few comments about yourself and your activities.

It has been brought to our attention that a goodly number of fellows do not know the various particulars of joining our organization.

First, it is not required that you be a licensed amateur but only that you share our interest in radio. The age group seems to be 7 to 70. Financial status, broke to flush (cleaned out of funds).

Full membership cost \$1.00 initiation fee, 50¢ a month or \$5.00 per year. Student (one attending school) membership \$1.00 initiation and 25¢ a month.

MISC. FOR SALE

Bill Chase, WØEXZ, has a lot of good equipment for sale. Anyone interested in the following articles, call Bill at his home. Ke. 8916 or come to 4010 Bedford Ave.

- (1) A 100 watt FM and AM transmitter with coils for 10 and 20 meters.
- (2) One complete 10 meter mobile rig with convertor.
- (3) One complete 400 watt AM fone rig with coils for 20 meters.
- (4) One 100 watt mobile transmitter.
- (5) One Bud cabinet, 26 in. panel space.
- (6) Misc. transmitting tubes, meters, chokes, condensers and transformers.

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RESULTS OF THE FIRST 1952 FD MEETING

On March 28 a meeting was held at which 13 attended to discuss FD. The following was agreed upon:

1. To operate 30 watts
2. To operate 3 transmitters simultaneously
3. To operate at a location at least 15 miles from Omaha
4. Each person in attendance to furnish his own food
5. Three groups set up to operate:
 - a. 40cw
 - b. 20 and 80 cw
 - c. all phone bandsEach band or group to be self-sufficient
6. To construct 3 cw transmitters (convert SCR 274N surplus transmitters) and power supplies from donated equipment. The finished equipment to belong to the club. (A good portion of the needed equipment was donated at this meeting). The membership will be asked for donations at the next meetings.

A more complete report will be given at the March meeting. Many types of antennas were discussed for use on FD. One of which was a 40 m ground plane. The use of fishing poles 30 feet long to support a 20 beam was also discussed and plans were made to build one for experimentation. The meeting was a success and meetings of the three groups are to be held soon.

FROM THE PRESIDENTS CORNER

I wish to thank the members of our Club for their expression of confidence in me by electing me as your president. I will do my best to serve you and the club.

We have a year ahead of us which looks very promising for ham radio. Fortunately we are involved in a hobby which has a wide range of activities and participates in many events, though our hobby and club started for social reasons we find ourselves reaching into other fields.

We participate in Civilian Defense and are active in disaster work. We supply a link in communication. We are rendering a valuable service in education of electronics.

Amateur Radio is fast becoming an established art and fostering many vital services. We have developed mobile radio which is growing up hand in hand with CD. Another branch of public service was exemplified by our participation in the recent Omaha Polio Drive.

We have crossed the threshold of TVI and as a result are endeavoring to make our hobby compatible with our neighbors. From our labors we are developing better transmitting equipment. Plans have been laid without TVI committee to present our story to the TV distributors.

More parties and get-togethers are in the mill for the year. FD is high on the list for all amateur events forth coming.

Members should not hesitate to make known their suggestions and cooperate for the club's benefit. Our club is and shall always be a democratic organization. Keeping this in mind our club can benefit us all.

John Orr

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WANTED S/Sgt. Joe T. Henneke is looking for a 6 Volt dynamotor so he can get going on 10 meter mobile. Anyone knowing of a good dynamotor to fit the bill can contact Ted by calling him at Offutt Field c/o AACS Squadron.

NEW QTH

Mig Becker CSN wishes to thank all the gang who very enthusiastically pitched in and helped on moving day. Soon we'll hear her voice from 6340 William Street.

NEWS FROM W0SEE

There hasn't been much news from this quarter that would set the world fire. Harold Becker W9PW dropped in the office the other day and got some fine dope on 2 element 20 meter beams from him, W0SEE is going to settle for one like his. Contacted W0VFX, Gil Davidson, who is going to school at M I T over W1MX. He wants the gang to look for him. He's over 20 meter phone. W0DPO formerly of Council Bluffs, is in Kansas City now, and has been for past three years, wondered where in the duce Harry got to. Worked him accidentally on 40 the other Sunday. Look out for more Mobile QRM, W0QFZ, Don has got a complete mobile Elmar Tri Band Xmitter and a Gonsett Tri Band Converter and is just waiting for a warm day to install it. KMTV has 18 engineers and understand that out of that 18 6 are hams. Ed Snyder, W0VEY has just returned from Iowa City where he had some work done on his optics. Hope the peepers are OK now Ed. Paul Bowden, Ex "0FGW, is now at Yakima Wash. and his call is W7PQE, we've heard him on 20 fone, so listen for him gang. Gess that's about all for this shot, '73

Orin, W0SEE

FOR YOU FUTURE KW

Pole Pot transformer, large and small. Take your pick, see at 6340 William St.
Mig Becker CSN

TEST QUESTIONS FOR THE AMATEUR EXTRA CLASS LICENSE

Draw a longitudinal section of a wave guide choke joint and explain briefly its principle of operation.

What is ment by the "Time Constant" of a resistance-capacity circuit.

(continued on Page 5)

TVI REFORMATION

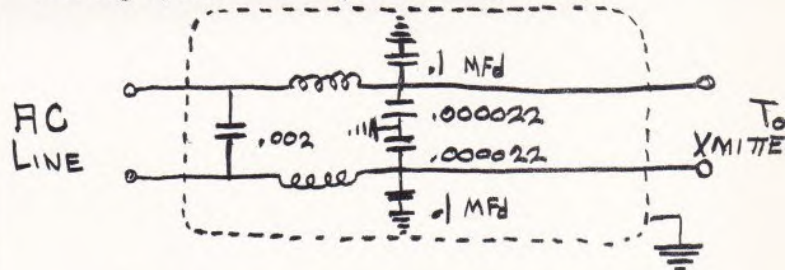
Our reactivated TVI Committee is now back in business committee members are Dick Eilers, Chairman, Herb Curry W0QXR and Ed Gutmann W0CQX.

At present the committee will act upon TVI interference eminating from ham transmitters only.

Any amateur having difficulty eliminating his or her TVI Call the chairman Dick Eilers at his home.

The TVI Committees' first recommendation is that it is an absolutely imperative for all of us to have a good AC line filter before tackling the other phases of radiating harmonics.

An extremely excellent and efficient AC line filter is herewith submitted. "This filter was designed and tested by Jerry Armstrong W0NKG and Roy Foster W0LRD"



Coils wound on broom stick or 1" dowel #12 wire, 31 turns close wound.

Our TVI committee will expand to take in other radio and TV services as the need arises depending on the types and amount of TVI reported.

HOWDY STRANGER

The AK-SAR-BEN Radio Club welcomes visitors to it's meetings held the second Friday of each month. We strive to plan our meetings to be of interest to all. Any way we have a lot of fun each meeting. You needn't have a ticket to come down and everyone is encouraged to join the club and engage in the club's activities. Incidentally we need your support. Initiation fee of \$1.00. Dues only 50¢ per month (25¢ for students) or \$5.00 per year.

SUMMARY OF THE MEETING OF FEBR. 8, 1952

NEWS AND VIEWS FROM NEAR AND AFAR

The meeting was called to order by Vice-President Orr. The treasurer's report was accepted. The Secretary read the formal resignation of President Cooper. The meeting then temporarily adjourned in order to allow members to pay dues and thus be eligible to vote. The meeting being afterwards recalled to order, Orr was nominated and unanimously elected Vice-President. Director Schmidt's letter about the forth-coming Conference at Kansas City on March 9th was read. Curry and Fried were accepted as delegates; considerable discussion regarding the financing of this delegation arose, in the course of which the finances of the Club were discussed. No definite conclusion was reached. At this point a movie was shown by Bruce Woods of United Air Lines.

After the movie the views of those present regarding some points of Director Schmidt's letter were sought. The majority voted in favor of 40 meter phone in the top portion of the band, available to holders of General Class license. Outside of Curry, few seemed to know much about the requirements of radio teletype transmission, and so no majority opinion could be expressed. The majority wanted the 15 meter band made available, though Gutmann pointed out that this band may be worse for causing TVI than 10 meters.

Emmett Murphy, WØBVX, from Onawa, Iowa, was among the visitors present, and he gave an account of the state of affairs there. The present status seems to be that the ordinance will stay on the books, but will not be enforced.

The performance of the Omaha Amateurs in the Polio Fund Drive was brought up for commendation. Field Day discussion took up its share of the meeting. New ideas were asked for and many were brought forward. Nothing definite was settled except that a special meeting would be called soon to determine FD plans.

The case history of a TVI incident here in Omaha resulted in the determination to re-activate the TVI Committee. It was suggested that the Regional FCC office be informed of our intended action and their help be sought, in accordance with the FCC plan set forth in the January QST article.

Kenny Akins WØPZJ expects to begin activity on our ham bands again after he; (a) puts up a tower and a 20 meter rotary beam (b) rebuilds speech amplifier (c) builds up a eleven tube double conversion receiver (d) fix up all TV sets in the neighborhood and (e) send in-laws on a 2 year vacation to the Fiji Islands.

Received a nice card from Al Demorest, written while he is "relaxing" at Camp Crowder. Al writes about "eating his breakfast" in bed and wishes we were all there".
(Ed Note--HMMMMMMMMMMMMM)

WOMJM of Grand Island got his DXCC
Congrat Hank

The boys around Grand Island report that ham activity is at a low ebb at present but extend a cordial invitation to any and all to be among these present at their meetings.

Doc Becker WØBBX who has been operating slant 6 is now officially W6AID. How about the Galf. Kilowatt now Doc.

DRILLING WINDOW GLASS

Ever try to bring an antenna lead-in through a window? I was puzzled as to how to get the holes in the glass, when I hit upon the idea of using a BB gun. I took careful aim and "drilled" two holes, an inch apart, in the window.

The holes placed by this method have a diameter of about one-eighth inch. (Ed note Suggest a 12 gauge shot gun for large windows) I needed holes one-fourth inch in diameter, but I solved this problem by reaming the holes with a one-half inch taper reamer.

I am pretty sure that you won't find a quicker way than this for putting holes in glass. If you are doubtful, try it first on a piece of scrap glass.

--- (Continued from Page 4)

What is the purpose of an "ion trap" in a cathode ray tube? How does it function.

Draw a block diagram of a system for generating single-side band signals.

This is a challenge, let's have some answers via your enclosed postcard.