



HAM HUN

AK-SAR-BEN
RADIO CLUB
INC.

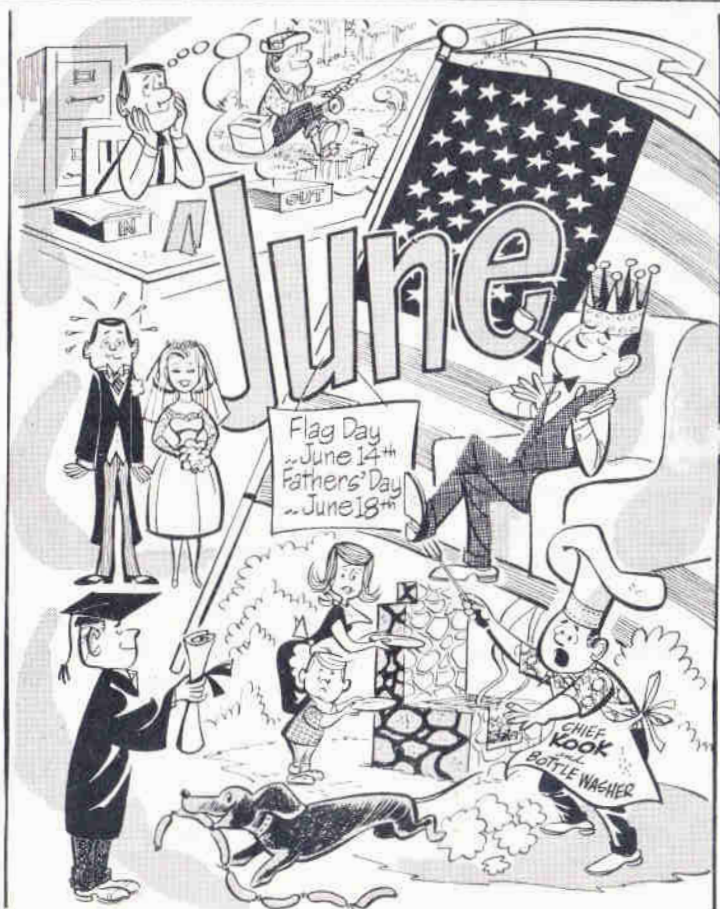
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Ham Hum

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Stanton, Nebr.

Dear OM's

The North-East Nebraska Radio Club is holding its annual picnic at the fair grounds at Stanton, Nebraska on Sunday, June 18. Everyone is to bring something for a pot luck dinner which will be at 1:30 to give those a chance to get there who may wish to attend church earlier. Drinks and dessert will be furnished by the club. A building is available for shelter and has provisions for cooking, so come rain or shine. The swimming pool should be open and there is also a playground so be sure and bring the entire family. Mobiles call in on 3995 and 29.600.

Thanks & 73

Art Catlin, WØAPS

Wud like to get set of code records 45rpm for friend! Wonder if Ham Hum wud do the trick?

Possible new club member if he passes Novice! Hi.

Bob, KØIAM
341-4867

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.

EDITORS
Al McMillan, WØJJK
Dick Eilers, WØYZV

HOWDY-DUDY-GENTLEMEN OF THE UNSEEN WAVES.

Your last edition devoted to my Pal, Fay Powell, was well edited and the pictures depict a few of our mutual friend's sports and desires.

Fay is a swell fellow, a man among men and even the ladies love him. He is always welcome in our home, down here "In the Valley of the Sun."

Keep him busy and then I know he will always be happy.

SUNcerely,

Jeannette and Lloyd Edson
Tucson, Arizona

FOR SALE

PMR6A Receiver

110 Volt and 6 Volt Supplies -
\$65.00

AF67 New - \$130

110 Volt Supply - \$35

75A3 With Speaker - \$350

20A With VFO - \$175

Both for \$500.00

Matthew G. Beha, WØLFJ

R.F.D. 1

O'Neill, Nebraska

TIPS FROM THE TRAVELING AMBASSADOR

Bernie, KØTFJ

The "tips" this month are from observations and conversations that took place at the Dayton, Ohio Hamvention, April 28, 1961. The XYL and I had the opportunity to take in the largest Amateur Radio Convention of the year. This Hamvention was the 10th for the Dayton Amateur Radio Club and was a huge success. In 1952, their first Hamvention had a registration of 300. It has continued to grow and this year's Hamvention had a registration of 3007. \$5000.00 worth of prizes were given away.

Digressing for a moment, I want to mention another Amateur Convention that is also going to be a howling success, "The Midwest Ham Convention" sponsored by your own Ak-Sar-Ben Radio Club. Take a tip, and be on hand, come this Oct. 7th and 8th. Mr. Royal Enders, Chairman of the convention committee, is doing a bang-up job in assembling a program you can't afford to miss. Price of registration alone is worth a chance on the expensive prizes that someone is going to win. It might be you. XYL's will have a special program too.

Now, back to the Dayton Hamvention. The new rig that drew the crowds and the "ah's" and "oh's" was Hallicrafter's introduction of the new F.P.M. 200. The "ah's" were for the beautiful lines of the transceiver, its compactness, its light weight

and its versatility. The "oh's" were for the price, \$1995.00 including the A.C. power supply. Even though the price seems high, it's a sweetheart of a rig. It will operate on 10 thru 80 meters, A.M., S.S.B., or CW. Ideal for fixed station operation or for mobile and portable. The dealers at the Hamvention sold all they had and were backordering.

Another hot rig was the Viking "Invader 2000." It is a combined transmitter, exciter and amplifier in one package. Price \$1229.00.

Another attention getter was the KWM-3. There was only one but it aroused a lot of curiosity. It was a compact unit, 12"X12"X8". Maximum output was 8 watts. General operation level was 1 watt. Demonstration of the rig was unbelievable, it performed like a 100 watt job.

Probably the cleverest piece of equipment was the one and only transceiver that was approximately the size of a cigar box. Operating bands were 20 through 80. Batteries for operation were contained in the cigar box. So it looks as though that we Ham's will in a few years, be running around with all our ham gear in our hip pocket. Antennae will probably be in our hats.

The field of sidebanders seems to be growing larger and larger. Much time at the Hamvention was devoted to sideband

talk. Reports indicate that 25% of amateur radio hams are now operating sideband. Growth has been phenomenal. Why? Because QSO's are better due to less band width and QRM. Consequently, FCC may in the near future, decree that only sideband and CW will be permitted on the bands. No more A.M. So if you're in the market for new gear, maybe you should give this problem deep consideration.

The 10-15 and 20 meter bands, as you know, have all but faded out of the spectrum. Propagation experts say that these bands will have little use for several years hence. As a result, the ham operator has done the next easiest thing, he has migrated to the 40-75 and 80 meter portion. This in turn has caused hair-pulling situations. The bands are now one solid mass of QRM. So, what is the next step that manufacturers will entice you with? That's easy to answer - the 6 and 2 meter bands are not crowded, why not use them? Within a year, Hallicrafter and Collins will have in production, 100 watt rigs for 6 and 2 meters. Yes, and it will be sideband too. You'll be able to get out fairly consistent to 600 miles. "Scatter" propagation will be used. Antennae will no doubt be the "dished-type" and will be aimed as carefully as a rifle. Band crowding will be unknown, for your signal will be "locked-in" on the station you want to con-

tact. Others falling outside of your aimed signal will not be heard. "Break-break" callers may be out of luck. So it appears that this old but new method of operation may be exciting. Sounds promising at least!

It is said that the reason sideband operation has grown so fast is because it has lessened TVI. Obviously, the TV owner can not understand the monkey chatter, hi!

"Line of propagation" is becoming an important factor too. This varies in different QTH's. For example: In Dayton, Ohio, the line of propagation is north and south. In Omaha, it is east and west.

Several "dummy antennae" made their appearance at the Hamvention. A cute little job was one that is made in Indiana. It's a small aluminum perforated cylinder 5½" long and 3" in diameter. It is rated at 500 watts - will take a kw for short periods. Selling price, \$11.95.

If anyone is interested in a 112 foot "rotating flag pole mast" for stacked antenna arrays, the price is a good deal less than the first models produced. The cost, complete, is around \$3000.00. Not too heavy either, approximately 2300 lbs.! To have the flag pole erected, it will cost around \$2000.00 additional. You would have an antenna farm on one pole!

Few hams from this immediate Midwest had the opportunity to attend the Dayton Hamvention because Dayton is quite a dis-

tance from Omaha - but the Midwest Ham Convention is going to be right in Downtown Omaha at the Sheraton-Fontenelle Hotel - don't miss it, you'll see and hear about the subjects discussed herein.

MOBILE OPERATIONS

Our special thanks go to the following mobile units who served in the cerebral palsy drive on May 21st during which they handled 154 messages plus pickups at the fire stations: WØLFM, Dick Riemund; KØTFJ, Bernie Matthews; KØUIA, Duane Gerry; WØCQX, Ed Gutmann; WØYZV, Dick Eilers; KØLYO, Royal Enders; and KØPQP, Dick Grimshaw.

The net control station was ably handled by KØKWB, John Droscher, and K8DLG/Ø, George Schryver. I am sorry we do not have a list of the riders and a few others who helped on the 6 meter operation.

Our thanks go to KØYIW, Bill McDonald, and WØVLI, Lou Cutler, for their operation on the 2 meter link.

Due to the number of messages it was a long drive as we did not finish until 7:30 P.M. The only conclusion we can draw is that we needed more mobiles. We do not know when the next drive may take place, but we are hoping that either more of you will become mobile by that time or will not be busy or out of town during the drive.

CONVENTION COMMUNICATIONS

KØLYO, Royal, reports that during his travels in the last two weeks he has spread the word about the October ARRL Midwest Division Convention to Hams in McCook, Grand Island, Lincoln, Nebraska and Des Moines, Iowa. KØPEJ, Gordon Johnson, (formerly Lincoln) sent 73 to everyone and promised a good delegation from Western Kansas and Nebraska will attend. WØLEP, Doc, in Grand Island rounded up the 6 meter gang there to hear the story over Royal's mobile rig and a great deal of enthusiasm was exhibited.

In Lincoln the 6 meter CD net took a stand-by to receive Royal's number one sales pitch, and promised a goodly number of pre-registration checks. KØPMR, Dick, wants Omaha 6 meter men to point beams at Lincoln.

In Des Moines, WØSVD, Club President John Moffet, graciously allowed time during the club meeting so that the members could get the convention story first hand. It looks like Des Moines club members will certainly make a showing in Omaha on October 7th and 8th.

How about every member of Ak-Sar-Ben Radio Club talking about the convention in every QSO? After all someone has to win those wonderful goodie prizes.

Royal, KØLYO

A Pot Luck SUPPER

June 9th, 6:30 P.M.

BENSON PARK PAVILION



FOR ALL MEMBERS OF THE AK-SAR-BEN RADIO CLUB, INC. and their families

FAMILIES attending may bring one
of the following:
meat loaf
salmon loaf
potato salad
macaroni salad
baked beans
cake

SINGLE people may bring
pickles
potato chips
olives
rolls

EVERYONE bring your own table service,
paper plates and cups will be furnished.



YOU WILL BE CALLED BY THE XYL Committee.

IF you are NOT called by June 7th
Please call one of the
following XYL's:
KOKWB 453 0136
WORMB 556 4619

After the supper there will be a short
meeting regarding the Convention
and

then a
good
old-fashioned
rag
chew.

GREETINGS:

From the 'Keeper of the Key' to the Ak-Sar-Ben Radio Club. I have been gone from Omaha since January and after three months find myself pretty well settled in 'Merry Ole' England. I am with the Royal Air Force at RAF Station Hemswell, which is 15 miles north of Lincoln, Lincoln England that is, not Nebraska. This area is 155 miles north of London for those of you who wish to pinpoint it on a map of the British Isles. This area is similiar to that of Iowa and Nebraska with huge rolling plains as this is the heart of the farm country. As the RAF boys say, "There couldn't be a worse place to be stationed." Perhaps they are correct, I haven't found out as yet as I have not travelled the area too much. To date I have only visited Manchester and of course Big L or London. London compares favorably to any large city in the US, namely New York City as it is very cosmopolitan with many things to see and do and of course the Yankee Dollar is soon lost to enterprising individuals and business establishments. Ask W0YVV who is a past veteran in London he will tell you. Incidentally Mac, I dropped a line to your buddy at the QTH you gave me and I have not heard from him as yet, so he may have been posted or xfered as we say.

Surrounding towns in the area are Gainsborough which is more like a county seat.

Scunthorpe is not very far and is a steel producing town. Lincoln of course is the main town with many old Roman ruins to be seen along with the famous old Cathedral is the center of town. Traffic is very heavy in Britain wherever one drives and this habit of driving on the left side of the road in opposite direction to that which we are used to takes some time to master. I think this is the worse place for driving I have encountered, even worse than Japan. Courtesy is an unheard of word on the road, as a result the Americans here practice defensive driving, in other words if the bloke wants to pass or wants the road, give it to him. I have never seen so many people passing on bends, curves and hills. I drive a right hand drive Ford Consul and find it is just the thing as it gives me 40 miles to a gallon, imperial that is. With the price petrol at 4 shilling 6 pence or about 62¢ mileage is paramount.

I have been living in the Officers' Mess and of course have been introduced to many new foods and dishes. I must admit I have eaten some foods not knowing what they were and I found out afterwards, this mistake will not be made twice. The curry, an Indian dish is excellent and like a bowl of hot chili can result in Mexican heartburn. This type of living will terminate on 13 May as Pearl and the girls will be arriving then and we will move into a 4 bedroom pre-war RAF

house on the station which is complete with coal burning fireplaces, stove and coke hot water boiler, all this for \$42.00 a month, beat that for rent if you can...that plus the utilities. With the wx the way it is here quite a bit of fuel is consumed to heat a house in the manner in which we are accustomed.

To date I have been to several meetings of the Lincoln Short Wave Club. I attend the meetings when duty does not interfere. There is a small club on RAF Hemswell that provides a hobby shop for station personnel but they are not on the air. A Chief Technician, Morgan, G3FNO is active from his QTH on the base.

I have not had the opportunity to visit his shack as yet. I have spent some time with F/Lt Harry Morgan, G3GEW (Glorious English Weather) at RAF Scampton which is just down the road about 7 miles from here. Harry is quite active on all bands on fone and CW, particularly on 20 meters. He is looking forward to working the Omaha gang on 20 meters and/or 15 if it opens up. Harry runs 50 watts to a Quad antenna and uses a HQ-170 for a receiver. Imagine coming all the way to England to work W8CJW my call counterpart last Monday nite. We have a time differential of 9 hours between this QTH and Omaha as we are now on British Summer time and it does not get dark until 2300 hours and it is not

unusual to see people on the golf courses and gardens until that time. The pubs don't close till 2330. Phone patching is unheard of in this country. The Post Office does not permit it. The regulations say that the only person that can talk over the air is the licensee himself, as a result I cannot even say hi. It is agreed it is foolish and archaic and some of the boys disregard it.

I must say that ham clubs seem to be universal, the same types of problems and discussions exists. I attended a social dinner several weeks ago and met a great number of the local hams and their families and also people from out of town that were guests like myself.

Field Day here is a great event. This year it is to be on 3 June. The rules here differ from ours as they are limited to only ten, yes 10 watts only on C.W. They can only enter the site at 1200 hours and have 5 hours for the erection of the antennas, tents and gear and at 1700 they go on the air for 24 hours. Much emphasis is placed in antennas to radiate the small amount of power. The plan here is to place either a rotatable 3 band beam to the US (as it carries the greatest multiplier) or a fixed beam for 20 meters on the US, as 20 seems to be open at all times. I do not know what call sign will be used at this time for the LSWC.

Mobile operation is catching on in this country. Unlike our country, a special mobile radio ticket must be obtained from the Government Post Officer or GPO for this type of operation. 160 meters is used quite a bit here, much more than it is used in the states, plus the power limit of ten (10) watts only is permitted. 80 and 40 meters are terrifically crowded here as they are shared bands with European commercial stations, 20 meters seems to be the best band for operation. It is extremely crowded with W's and K's and it seems the power boys get thru. QRM is rampant over here. We may not realize the QRM we cause when we are xmitting to this area, but just listening to it puts the the shoe on the other foot. And the gang here receives S9 reports with no more than 50 watts. Again much stress is placed upon the antenna or aerials as they are called here. My Elmac gear was put in use at G3GEW's and performed very well with him operating it, not me, my bloke accent is not perfected yet.

SSB is catching on quite a bit here now. Most of the sets in use here either home brewed or commercial manufactured are of the crystal variety. The manufactured ones are quite a bit more reasonable in comparison to those made in the US, and needless to say they are built like a brick ham shack compared to our gear.

I hope to make it back to Omaha in October for several days to attend the forthcoming convention if I can snag me a seat on an airplane going that way. In the meantime this is it for now. I will continue these articles from time to time. Let me hear from some of the gang back there.

73,s,

Dave

May 31, 1961

Dear Gang,

I still enjoy Ham Hum and want to thank you for keeping me on mailing list. Not very active at present as have not had time to put up Beams! Just returned from touring Europe. Had a grand time seeing all of Germany and DL4 Hams! Still have the Collins Gear and I do work WØYZK quite regularly on 20 SSB. Have new TH-4 Beam but have not installed it as yet. Will keep listening for old gang. Will try and make your Convention!

73es best regards,

Frank W. Cooper, K3MVP

EX-WØIOS

Jim Noland WA6JBB is now working for Master Mobile Co. New QTH.

10826 Ort

Sunland, Calif.

From: Al, WØJK

VHF

(de Lincoln Log)

It has always been my experience that if you want to create an interest in something you talk about it. VHF activity in Lincoln needs much more interest so here goes.

Most of Lincoln's activity is on 6 meters and as many of you know this is the tough one from a TVI standpoint. If plans materialize as discussed at the last club meeting maybe some help will be forthcoming in this area.

I'm not a 6 meter man but I understand that there is considerable activity in Omaha as well as Lincoln. Lincoln has a 6 meter net working and it meets regularly every Thursday night at 7pm. Frequency is 50.4mc. I intend to get a converter built soon for 6 meters and will be listening in.

There are five hams in Lincoln that can get on 2 meters besides the C.D. bus. Only one is very active. 2 meter activity can be found any night from 8 to 10 pm. Stations are on in Omaha, Sioux City, Columbus, Grand Island, Hastings, Staplehurst, Pawnee City, and Nebraska City. All of these towns can be contacted any night with average equipment. The lowest powered station of the group WØPUM at Columbus, only runs 6 watts input. He has a fairly good antenna however.

I believe that anyone really interested in VHF work can have a lot of fun in this area. The requirements are listed here in order of importance:

1. Good antenna - minimum requirement is 8 or 10 element yagi up 25 feet. A pair of stacked 5 element yagis will work also.

2. Good converter - Cascode or grounded grid from end with the first tube a 417A, 6J4 or the Nuvistor 6CW4.

3. A well modulated transmitter with at least 15 watts input. 100 watts input would be better.

Interest in frequencies higher than 2 meters is very limited in Nebraska. I have heard however that one ham in Omaha has equipment working on 220 mc. Another ham has indicated he would go on 432 mc. just as soon as another ham would do so. He wants to make sure he has someone to talk to.

We will talk more about this in the future. Right now we want you VHF men to get going. Come out to the Lincoln Amateur Radio Club meetings at the Red Cross Building (17th & E Streets). There is going to be a special section formed just for VHF men. Bring your problems with you we will try to solve them.

73's
WØØHP

**YOU CAN
MAKE IT!**

AND

**WE'LL
BE GLAD
TO SEE YOU!**

IN

**OMAHA
OCT. 7-8 '61**



**MIDWEST DIVISION
CONVENTION
OCT. 7-8, 1961
OMAHA**

The Midwest Division Convention of the American Radio Relay League will be held at the Sheraton-Fontenelle Hotel in Omaha, Nebraska on October 7th and 8th, 1961...Your host, Ak-Sar-Ben Radio Club, Inc.

- Pre-registration fee (prior to 9-25-61) \$8.50 each
(includes chance on pre-registration prize)
- Junior Ops (meals only - no prizes). \$7.50 each
- Registration fee (after 9-25-61). \$9.50 each
- Junior Ops (meals only - no prizes). \$7.50 each

AK-SAR-BEN RADIO CLUB INC.
P.O. BOX 291
OMAHA, NEBRASKA

NEXT MEETING
POT LUCK SUPPER
BENSON PARK PAVILLION
JUNE 9, 1961
6:30 P.M.