



HAM HUM

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JUNE MEETING

Our June meeting was a visit to the North Omaha Radar Station. This meeting was conducted informally and we had no attendance record. Quite a number of hams and their friends, including a couple of visitors from the Bellevue Club, attended this meeting.

Lt. Fuller conducted us on a tour of the installation, gave us full explanation of the operations, and showed us the various and sundry pieces of gear. His explanation was very enlightening and much appreciated by those in attendance.

We have all driven by the big bubbles on North 72nd Street. It was most interesting to see just how big they really are by looking at them from the inside. This site

is a part of the whole defense picture and an explanation was given as to the area and the ability of the combined facilities to spot any approaching aircraft who might not be friendly. We were not only impressed by the gear but the additional feeling of security as the result of the efforts of these fellows stationed here. Our thanks to Lt. Fuller for making the arrangements.

After the tour we did gather for a short business discussion. We heard a report of the Club's activities in connection with the Explorers Scouts' canoe race of the South District of the Covered Wagon Council. You will find a description of this race elsewhere in this issue.

(Continued on page 2)

NEXT MEETING - JULY 10

POTLUCK SUPPER -
RIVERVIEW PARK PAVILION

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.



(Continued from front cover)

The detailed plans for Field Day were presented by Royal Enders, KØLYO, Field Day Chairman. You will find his report elsewhere in this issue.

There was no attendance prize. Thus there will be two drawings at the next meeting which will be the potluck supper on Friday, July 10th. The first drawing will be for \$1.00; the second drawing will be for either \$1.00 or \$2.00, depending upon whether or not the first drawing resulted in a winner.

5-9-64

Dear Sir:

Enclosed you will find a check that I desire you to use to help defray some of the costs of sending your fine publication - Ham Hum to me. I enjoy it and I sometimes pass it on to others too.

73

Ed Doehling, WØHQE

SILENT KEY

Lloyd Kallstrom, WØFNH
5815 North 28th Avenue
Omaha, Nebraska

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The Central Nebraska Amateur Radio Club will be holding its annual steak fry on July 26th at Victoria Springs State Park, located 8 miles north of Merna, Nebraska. Admission will be 50 cents per steak and children age 12 and under will be free. Mobile frequency will be 3.982.5 Mc with an alternate frequency of 3.960 Mc.

OFFICIAL BULLETIN NR 950 FROM ARRL HEADQUARTERS NEWINGTON CONN MAY 21 1964 TO ALL RADIO AMATEURS BT

Word has just been received that the U.S. House of Representatives has passed the reciprocal operating bill. The bill, already passed by the Senate, would permit the U.S. to enter into agreements with other countries whereby each would allow amateurs of the other country to operate while visiting, similar to the agreement presently in effect between the U.S. and Canada. The bill has now gone to the President for his signature. Full details will appear in an early issue of QST AR

COMMUNICATIONS SUCCESS

The communications we supplied for the Explorer Scouts canoe race was "tops." A hearty thanks to all who participated and helped with the project. It was a very interesting project in addition to helping the scouts. It also allowed us to demonstrate our proficiency again.

The race began at 4:30 A.M., 4 miles west of Fremont. K9CKF was there and reported the start. Nine other stations, fixed or mobile were located along the 58-mile course. Four of these were called base stations. They were operated from gas driven generators and used ground plane antennas. These base stations provided reliable communication to a control station in Omaha.

About 45 minutes after the start of the race WØYZV logged the passing time of the canoes at highway 77. Approximately 2 hours later, in a dense fog, WØEGP logged them past highway 64 west of Valley. Because of the fog bystanders had been enlisted to watch for the canoes from the bridge. KØGHK had been camped out all night and was waiting at our first base station located at Two Rivers Recreation Area. The first canoe arrived and teams were changed at 8:35; the last of the 15 canoes passed this point at 11:17.

While WAØICK was motoring to his position near the confluence of the Elkhorn and Platte rivers, KØSCE was overhead in an airplane. He made several sorties checking

the race progress and in particular the last canoes. WAØICK passed the first canoe at 9:49 and the last at 11:20.

Meanwhile, another base station was being set up at Linoma Beach. While WØVLI, KØLYO and WØSMY struggled erecting their antenna, the first base station was disassembled. It would be reassembled later in the day at the finish line. The canoes changed paddlers and passed WØVLI around noon. By this time two canoes had been disqualified and were out of the race. The next check point along the river was operated by mobile WØEBX. His location was near South Bend.

During the day the control station belonging to WØYZV was operated by KØETA and WAØHUS. They manned the station and kept a log of all canoes. They also relayed information to the Radio and TV stations and newspapers. Later in the day WAØDGA operated as relief control station. WØCCD relayed traffic at times when skip hindered communications. At one time a 7 broke in to ask the name of the river the race was being held on.

The next base station, located at the highway 50 bridge, was operated by the WAØBIE - WAØBID team. The rig was located right under the railroad bridge tracks. I hear they scattered when the train went over. Times of canoes passing this base station varied from 1:40 P.M. to as late as 4:35 P.M. But before the first

canoe had passed our own canoeists KØMGX, KØCVE and Al Nielsen entered the river. They headed for a point halfway between highways 50 and 75. They spent a long, and long to be remembered, afternoon in their canoe.

By late afternoon the trailing canoes were three hours behind the winner. KØCVE clocked the first canoe at 3:37 P.M. and located the last around 7:45 P.M. The slow canoes were of some concern for a while and, of course, were long over due. The race finished at about 8:30 P.M. when our canoe brought in the last two. KØGHK operated the last base station at the finish line near the highway 75 bridge.

During the day KØYWY helped with a tube tester and A.C. plant. WØPHW was mobile in a Red Cross station wagon. WØIRS rode shotgun for WØYZV.

The basic plan for the exercise seemed good. In spite of QRM, because of skip, we managed to handle traffic. I'm sure we all learned a bit more about traffic handling and emergency operation. My apologies to any call or name I have missed. A lot of people put in a lot of work to make this project work and it did. You are congratulated!

John Orr, WØPHW

Hi People:

I recently received an issue of Ham Hum in the mail and it sure was good to read about the old gang - a lot of familiar names in the print.

About one more year left in the Navy out here in sunny California and I've yet to touch a ship. Hi Hi.

Listen for KØAVB/6 on 20 CW and we'll see you all eyeball next spring.

73,

Mike Trimble, KØAVB/6
XYL Norma, WN6JXD

**OFFICIAL BULLETIN NR 949
FROM ARRL HEADQUARTERS
NEWINGTON CONN MAY 14 1964
TO ALL RADIO AMATEURS BT**

The following high scores were claimed for the 1964 ARRL International DX Competition held this past February and March. With many foreign reports still to come, the highest single operator CW scores claimed were W3GRF 734,502, W4KFC 718,584, W8FGX 658,665, W4DZH/4 628,056, W3BES 554,400, W8VSK, W3MFW, KP4AOO, W3PZW, YV1DP and CW multioperators W3MSK 1,259,268, W6VSS 1,074,807, W4KXV, W1BU and K4LIQ. Highest single operator phone scores were K2HLB 430,992, YV5BIG 381,150, YV5AGD 366,252, W4BVV 347,454, KP4AOO 343,557, TG9SC, VP7CC, W4KWY, W4BCV, HK4EB and phone multioperators W3MSK 978,039, YV5AHG 840,960, W8NWO 346,428, W3WJ 322,877, KP4AXM 298,351, DL4OV, GW3NWV, W3GHM, W8NGO and G3KFX. More high claimed 1964 ARRL DX Competition scores will appear in July QST AR

FIELD DAY 1964

Following the pattern of 1962 and 1963, we are again in competition with the Sioux City Club, and in addition, we are taking on the Bellevue Radio Club. So we need lots of good operators to work the various bands.

40 and 80 SSB will be depended on for lots of contacts and high points, and Larry Caccomo, WØNMN, is the captain in charge of the crew.

One of the high scoring bands should be 40 CW, and here is the place where operating skill will really pay off. We are looking for some of the "Old-timers" to be pounding brass, and we hear that some of them have been practicing to get ready to take on the world. Frank Fernald, WØBTE, is the recruiter and commander of this band.

However, Tom Ladd, KØMKT, thinks that 20 meter CW can lick the pants off the other bands, and he is looking for more and better CW Ops.

Hugh Tinley, KØGHK, is a believer in 10-15-20, and swears that everything will be open for voice contacts and probably some of that rare DX. Let's make our Club call heard round-the-world - "This is WØEQU, Nebraska Section."

Ed Gutmann, WØCQX, and John Snyder, WØWRT, are making VHF their joint project, and if that opens up, the points should come rolling in.

Mary Berounsky (XYL of KØQDB) will preside over the Cook Shack and will see that all workers and operators are properly nourished and refreshed. Visitors, guests, and non-operating or non-working mem-

bers are invited to partake of coffee or soft drinks and we hope that all will drop in on us for eyeballs, but please don't eyeball with the operators or loggers while they are working their rigs.

Team captains and committee-men will be phoning for help to set up the tents and rigs, and we sure will need help in taking everything down and policing the grounds after we pull the switch.

THE PLACE: THE LATENSER ESTATE. Go north on 30th Street, take the road to Blair, and go to the intersection of County Road No. 7. Turn right and follow the signs.

THE TIME. Set up starts Friday evening, but the big job of set up will be Saturday morning, June 27th. Operations will start at about 1600 Hours Saturday and continue for 24 hours. Standard ARRL Rules will apply for Station Multipliers and operating procedures. All operators must show FCC Ticket (not a photostat) in order to operate; all transmitters will operate under WØEQU. Each operator will be given a copy of the Official Rules.

PLEASE HELP YOUR AKSARBEN RADIO CLUB, INC. WITH YOUR TIME AND YOUR TALENTS. THIS IS YOUR FIELD DAY, AND SHOULD BE A DAY TO BE LONG REMEMBERED BY EVERY PARTICIPANT. IT ISN'T TOO LATE TO VOLUNTEER IF SOMEONE HASN'T BEEN ABLE TO REACH YOU.

ROYAL, KØLYO
Field Day Chairman

May 8, 1964

Well, here it is getting close to Field Day time again, and thoughts of the non-traveling trophy that has never left Sioux City came to mind. I am forced to bet that the trophy never leaves Sioux City.

For one big reason, the members have somewhere got the erroneous idea that a Field Day competition should be fun.

That's right, I used "fun" like it was a dirty word, and if you want the trophy, that's just what it ought to be. Fun you have at a Ham Fest, or the annual Pancake Supper. If you want a trophy, you WORK. You think, you plan, and you work. None of this nonsense that everybody should have a turn at the mike or key. Phooey, if it turns out you have only 3 good ops in the Club, work them till they drop. The other guys can sharpen pencils or make coffee and stoke the generator. It takes ten such guys who are willing to work without glory to keep one crack operator at his key. Even when the band sounds dead the old timer or the sharp op will find more stuff to work.

I know the old Omaha bunch, and you have a wonderful potential. BUT, potential is like oil in the ground, you have to dig and dig to get it out. Therefore, if I was to bet on who would win.....

Tell you what, if they keep the trophy, make up another and I'll challenge you for it. I'm the only active ham in the county, but I know where I can borrow a generator, and don't care if its fun or not.

73,
Dick Reimund

W5KTI (ex WØLFM)
Box 13
Spearman, Texas

P.S. Enclosed please find a buck to help Ham Hum. You DO put out fine paper.

Dear Sirs:

I have moved to California and changed address - 3010 Merrygrove St., West Covina, Calif. 91791.

Sincerely,
Frank P. Bailey
formerly WØFXX
now W6MQJ

I would like to subscribe to Ham Hum as I find it very interesting - let me know what the fees are.

**OFFICIAL BULLETIN NR 948
FROM ARRL HEADQUARTERS
NEWINGTON CONN MAY 8 1964
TO ALL RADIO AMATEURS BT**

Two-way communication on 144 Mc. by means of moonbounce is finally an accomplished fact. Many amateurs have worked in this field for as much as 15 years, but heretofore the vital matter of exchange of information has been lacking. The successful operators are OHINL of Nakkila, Finland, and W6DNG, Long Beach, California. The distance is nearly 6000 miles and it is the first transatlantic communication by amateurs on frequencies higher than the 50 M band, as well as the first known use of the lunar path for two way communication on 144 Mc. Details will appear in June QST AR

IOWA DAYLIGHT SAVING TIME

Council Bluffs has joined the ranks of those Iowa towns who have gone to Daylight Saving Time. This change has created a problem to business firms who have Omaha customers.

WRL has solved the problem by going to a 9-½ hour day according to the following table:

Monday	8:30 A.M. - 8:30 P.M.	Daylight Saving Time
	7:30 A.M. - 7:30 P.M.	Central Standard Time
Tuesday through	8:30 A.M. - 6:00 P.M.	Daylight Saving Time
Friday	7:30 A.M. - 5:00 P.M.	Central Standard Time
Saturday	8:30 A.M. - 1:30 P.M.	Daylight Saving Time
	7:30 A.M. - 12:30 P.M.	Central Standard Time

These hours will be in effect until October 4th.

OFFICIAL BULLETIN NR 953
FROM ARRL HEADQUARTERS
NEWINGTON CONN MAY 28 1964
TO ALL RADIO AMATEURS BT

During the shake-down period of the new FCC computer, and its use on amateur applications, there may be some errors made in issuing amateur radio licenses. Such cases might involve the incorrect spelling of a name or address, the listing of an incorrect call sign, or the indication of the wrong class of operator privileges. In particular if a license is issued to an amateur indicating greater privileges than those to which he is entitled, he should not consider the additional privileges as authorized. All licenses containing errors should be promptly returned to the FCC, Washington DC 20554 with an indication of the corrections to be made AR

OFFICIAL BULLETIN NR 956
FROM ARRL HEADQUARTERS
NEWINGTON CONN JUNE 11 1964
TO ALL RADIO AMATEURS BT

All amateurs are reminded that the ARRL National Convention will be held in New York City, August 21 through 23. There will be three full days of exhibits, group meetings, technical talks, FCC examinations and special events. A large convention within a convention, the International VHF Convention, is also scheduled. Because of a probable shortage of hotel accommodations those planning to attend are encouraged to make reservations early. For full convention information write the HARC, Box 58, Central Islip, Long Island, New York. Further details will appear in August QST AR.

May 27, 1964

Dear Editor:

Thank you for printing my letter about the Slave certificate and about the dolls I dress.

Since then - Mrs. Bob Larson XYL of KØKQI and Mrs. Hugh Tinley XYL of KØGHK - both bought a doll from me and donated it to a little crippled child - they both received thank you notes from the Hattie B. Monroe Home.

Also XYL Erie of WAØDGA has really been a great help to me. She has made many very nice doll outfits and they are also buying a doll to donate in their name - XYL Ann of WAØGNT, Fred is dressing a doll and they too are going to buy a doll and have it donated in their name. I wish to also thank these ladies who took time to read my article and send me some new materials. These gals are Julie Gamble XYL of Bob KØJBS - Bob Larsons XYL - Bob is KØKQI - and Bud Smith of Bellevue, Nebraska, WAØICK - Dick Mrsny and his XYL. Thank you very much and if anyone reading this has any lace - narrow please, or nylon, or bias tape, any color, it will be thankfully received.

Again thank you girls, God Bless you for thinking of others less fortunate than us.

Best 73's

Lou WØCCD

P.S. Thank you Tony - WAØFHH for the comic books. Those kids will love them. Anyone interested in a doll - they sell for \$3.00 dressed with 4 other outfits - let me hear from you.

6/4/64

Dear Editor:

Just a note to let you know that I thoroughly enjoy every issue of Ham Hum.

Please change the call letters in my address to WA4FCN.

Best of 73's

Wayne Robertson, WA4FCN

Route 7, Box 163

Reidsville, North Carolina

**OFFICIAL BULLETIN NR 954
FROM ARRL HEADQUARTERS
NEWINGTON CONN JUNE 4 1964
TO ALL RADIO AMATEURS \overline{BT}**

On May 28th, President Johnson signed the reciprocal operating privilege bill S920, opening the way for our Department of State, and similar entities in other governments, to consummate specific agreements permitting such interchange. Further details will appear in July QST \overline{AR}

**OFFICIAL BULLETIN NR 955
FROM ARRL HEADQUARTERS
NEWINGTON CONN JUNE 1964
TO ALL RADIO AMATEURS \overline{BT}**

Attention DXers. Announcement is hereby made of the addition to the ARRL Countries List of the Saudi Arabia/Iraq/Neutral Zone. Authorized operation has taken place under the call letter identification portable 8Z4. Confirmations for DXCC credit may be submitted starting October 1, 1964. August 1964 QST will carry further details.

CHANGE OF RULES FOR CQ AK-SAR-BEN CONTEST

A notice has been sent to all Hams in the Douglas County area calling attention to a change in the rules of the CQ Ak-Sar-Ben Contest.

It was brought to our attention by ARRL and their General Counsel, Robert M. Booth, Jr., that the awarding of prizes having monetary value could be embarrassing to you as there is a possibility of it resulting in "communication for material compensation, direct or indirect" in accordance with Section 97.111 of the Federal Communications Commission rules.

All other rules of the contest remain the same.

At the Board meeting held on May 26th it was decided that in lieu of the prizes originally offered the Club would provide a plaque to the winner with suitable engraving, a smaller plaque to the second and third place winners, and a certificate to the fourth and fifth place winners.

It was also decided that these plaques and certificates would be presented at an Award Dinner, the time, place and cost to be announced as soon as possible.

The dinner is an idea the Board has held for some time. Many clubs throughout the country do have dinner parties for their members once or twice a year, much to the enjoyment of their members. To the best of our knowledge the Ak-Sar-Ben Radio Club, Inc. has never had a dinner for the members, and it is hoped that by so doing we will be able to determine whether

our members desire such a meeting. The dinner will not be held on our regular meeting night and will not take the place of our regular meeting, but will constitute an extra meeting. You will hear more about this dinner later as the plans develop. As the judging for the Contest will not be finished until October 20th, the dinner will be shortly after that time.

OFFICIAL BULLETIN NR 952 FROM ARRL HEADQUARTERS NEWINGTON CONN MAY 21 1964 TO ALL RADIO AMATEURS BT

Tests to be made during the ARRL June V.H.F. Party will afford unparalleled opportunities for moonbounce communication on 144 and 432 Mc. Gordon Pettingill, KP4BPZ, will be using the world's largest parabolic reflector, the 1000-foot steerable installation at Arecibo, Puerto Rico, June 13 and 14. From 1842 to 2130 GMT June 13, KP4BPZ will transmit on 432.000 Mc. On June 14, from 1938 to 2224 GMT, he will be on 144.001 Mc. C.w. will be used, and he will listen from 10 kc. above his frequency upwards for calls.

Minimum requirements for cooperating stations are 100 watts transmitter output, antenna gain of at least 10 db., with accurate aiming at the moon, a receiver noise figure of 3 db., and receiver selectivity of 100 cycles. Transmitter and receiver stability should be appropriate to this bandwidth. Stations with lesser capability are asked to avoid transmitting on or near the KP4BPZ frequencies during the test periods.

(Continued on Page 11)



Jim Taylor, KØSGY, representative of Collins Radio Company, Cedar Rapids, Iowa, stopped in their Communication Van at the parking lot of WRL on June 15th. Those visiting the Council Bluffs supplier on that

day were given an opportunity to observe this vehicle and its clever installation of amateur gear (Collins of course). The van was very nicely finished inside and using power from commercial mains adjacent was capable of transmitting on 80 through 2 meters, with appropriate antenna switching devices and a monitor-scope showing the output. In addition to being nicely finished on the inside it was completely air-conditioned and had a canvas awning off the side as a front porch. We don't know where it was heading from here, but it would have made an ideal vehicle for our Field Day. See photo opposite page.

(Continued from Page 9)

Transmitting by all stations should be kept to the absolute minimum required for communication, and calling should be done only after the moonbounce station is heard. Cooperation of amateurs in all areas of the world where the moon is above the horizon during the test periods is requested, and reports of results should be sent at once to ARRL. AR

**OFFICIAL BULLETIN NR 947
FROM ARRL HEADQUARTERS
NEWINGTON CONN MAY 2 1964
TO ALL RADIO AMATEURS BT**

The ARRL Board of Directors in annual meeting May one at Hartford Conn examined both the domestic and international programs of the League. The Board affirmed the action of the Executive Committee in implementing its 1963 resolution to strengthen the incentive licensing

structure as represented by petition RM-499. Public service by radio amateurs has been declared the number one objective of the League programs.

The Board earmarked a special fund of one hundred thousand dollars for international radio conference preparation and associated preliminary work in the protection of amateur interests. Reports were heard on actions to strengthen IARU, including creation of the Inter-American Union of Radio Amateurs, with which the Board voted affiliation in order to coordinate common amateur objectives in this hemisphere. Rotary Club and SPARCS* efforts to provide amateur equipment to new and developing countries received Board commendation.

A new Hiram Percy Maxim award was created for exceptionally meritorious service to amateur radio. First award is to John Reinartz, K6BJ, for pioneering the short waves in the early twenties. The Maxim memorial station will be rebuilt and modernized during the coming months. President Hoover, Vice Presidents Groves, Reid and Handy, Secretary Huntoon and Treasurer Houghton were reelected for two year terms. Directors Compton, Denniston and Eaton reelected and Director Chaffee newly elected to the Executive Committee for one year.

Approval was granted for an ARRL national convention in Montreal, Canada June 30 to July 2, 1967. Highlights of the meeting will appear in June QST and full minutes in July QST. AR

*See p. 10, Feb. '64 QST.



Building designed by Lou Cutler, WØVLI

We of General Communications Company, Inc., are pleased to announce the opening of our new service facilities at 827 South 20th Street, Omaha, Nebraska. This is the most modern, specially designed, maintenance facility catering to commercial two-way radio users - in this part of the country, and we enjoy showing people around through it. Please feel free to drop in at any time.