



# HAM HUM

Published by

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



Vol. XV  
No. 11

November 1965

DECEMBER MEETING ...

ANNUAL MEETING .....

CHRISTMAS PARTY .....

all in one evening

ENTERTAINMENT .....

REFRESHMENTS .....

PRIZES .....

8:00 P.M.

FRIDAY - DECEMBER 10, 1965

World Insurance Company Cafeteria  
203 South 18th Street

**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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## CHRISTMAS PARTY

The annual meeting of the Ak-Sar-Ben Radio Club, Inc. will be held at 8:00 P.M. on December 10th, in the Cafeteria of the World Insurance Company, 203 South 18th Street. In addition to the election of officers we will have a Christmas party for Club members, their families, and guests.

Each member is requested to bring a gift of a dollar value for exchange with another member. In addition, the Club will provide such other Christmas gifts as can be procured which will be added to the stack of gifts so that each member may have one or more gifts. Guests may also bring gifts for exchange if they like as there will be a special drawing of gifts for guests only. There will also be a special drawing of a gift for XYLS and some special treats for the children.

Entertainment will be provided by "The Courtroom Four" - a musical comedy group, led by Don Kalal. We feel sure that both oldsters and youngsters will be delighted with the program.

The XYLS will furnish some good homemade cake and we will

also have ice cream, coffee and/or pop for refreshments.

Mark the date on your calendar now - DECEMBER 10th. We know you will enjoy the party and your children will be able to greet Santa Claus.

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## NEWS ITEM

Al Hofgaard, KØTUS, reports that on the evening of November 21st he talked to Bob Proescholdt, WØAQA, on 10 meters. They in turn talked to K3EOT, the Pennsylvania Dutchman. While listening to him they were also hearing Grandma Lou, WØCCD, on 10 meters as she was broadcasting on 6 meters. 10 meters was open the night of the 21st - they talked about three hours. Just one of the freaks of radio!

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## FOR SALE

I have a HQ-129-X general coverage receiver and a Heath sixer with 4 crystals.

Yours truly,  
Steve Lustgarten, WAOJES  
Phone: 391-5461

\*\*\*\*\*

## NOVEMBER MEETING

The November meeting had to do with VHF, particularly 2 meters. This editor unfortunately came down with the flu about two hours before the meeting and even though I am interested in 2 meters was unable to attend the meeting. I did check with my spies, however, and they tell me Frank, WQEMS, did a fine job telling about his activity on 2 and the general conditions of the band. One of my reporters said that in looking around for some he hoped would be at the meeting he found them missing, and came to the conclusion that no doubt some of you are a little bit like AM boys with SSB in an earlier day in that you didn't think SSB was here to stay. Two meters is a good band, has its purpose, but unfortunately takes separate equipment from the HF rig as it will not go up there, or down there, whichever way you look at it. It always seems to me in listening to hams that the VHF man, feeling he has accomplished something, thinks in terms of going *up* to 144 megacycles. The ham who has never tried it thinks

of it as going *down* to 2 meters. Whichever way you go, try it before you knock it.

Our thanks to Frank for giving us the views of a died in the wool VHF man. The program was enjoyed by those I talked to.

For fear Frank might not have mentioned it, I would like to add a punch for you general class hams that may try 2 meters. When you listen, don't listen only on your own frequency which probably will be at the bottom of the band. There are a bunch of fellows just above 145 that can learn a lot from you. Some of them (novices) can only get on 2, phone that is, and some can only get on 6 and 2, all above 145 mc. on the 2 meter band. They do not have the opportunity to talk to the ham that is able to talk around the world. This could be your opportunity to help spark them into improving their license. They need you, so do tune up above 145 and give them the benefit of some of your experience. I'll look for you on 2 meters - my frequency is 145.296 mc.

(Turn page for photos of meeting)

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11-5-65

Ham Hum Editor:

Please note the following net time changes for the winter season:

Saturday	NACN	3782 kc	6:00 P.M. CST
Daily Storm Nets		3982	5:30 P.M. CST
		3982	6:30 P.M. CST

Tnx and 73,  
Larry, KØJXN

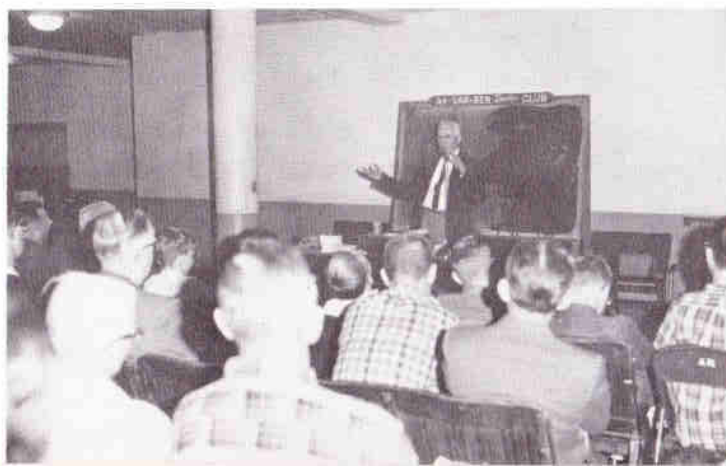
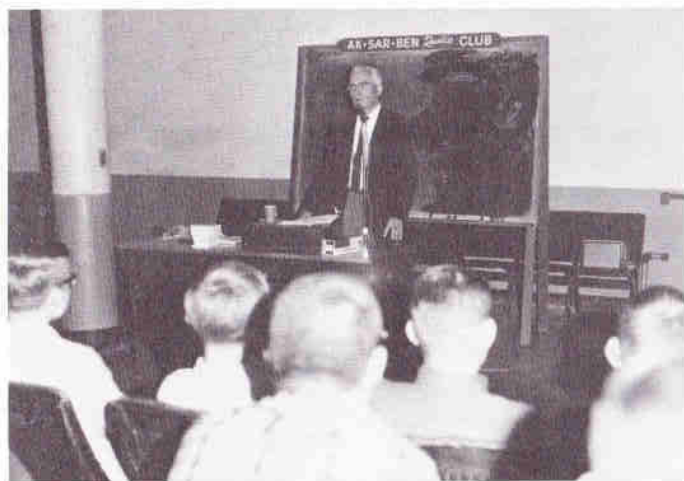
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NOVEMBER MEETING  
PHOTOS

by  
Erv Heinz, WAØEEM



Frank Parsons, WØEMS



## NOMINATIONS FOR 1966

The annual meeting of the Ak-Sar-Ben Radio Club, Inc. will be held the second Friday in December, and the main purpose of the meeting is to elect new officers for the ensuing year.

Our Articles of Incorporation and Bylaws provide for the election of a president, vice president, and four members of the Executive Council each year. The president and vice president are elected for a one-year term. The Executive Council members are elected for a two-year term. The president remains on the Board of Trustees as the immediate past president for one additional year.

This means that four members of the Executive Council and the

immediate past president remain on the Board of Trustees for one more year and they, together with the six new ones, constitute the eleven-man Board for the operation of our Club.

A nominating committee is appointed each year by the president, said nominating committee composed of the president and two past presidents. This nominating committee is to select and qualify members and will then place their names in nomination at the annual meeting.

At the meeting on December 10, 1965 the nominating committee will place in nomination the following, and we give you a brief write-up of each.

### For President

Byron J. Smith, Sr., WAØICK  
Age: 42  
Address: 317 North Molley Street, Bennington  
Phone: 238-2363  
Wife: Margaret  
Children: Byron, Jr., age 19; Karen, age 15; William (Bill), age 7; Debra Ann, age 3.  
Employment: Industrial Electric Works  
License: 8-14-1964  
Hobbies: Ham Radio

### For Vice President

Joe H. Roberts, KØKEO  
Age: 71  
Address: 2911 Ellison Avenue  
Phone: 455-0190  
Wife: Dorothy  
Children: One married; 2 grandchildren  
Employment: Retired  
License: 8 Years  
Hobbies: Ham radio, fishing, traveling

### For the Executive Council

Ervan D. Heinz, WAØEEM  
Age: 32  
Address: 1933 South 51st Street  
Phone: 553-2033  
Wife: Sharon  
Children: 4 girls; 1 boy  
Employment: Ass't Director, Audio Visual Aids  
University of Omaha  
License: 4 years  
Hobbies: Electronics, photography, ham radio

Royce E. Johnson, WAØKIL  
Age: 42  
Address: 2424 South 46th Avenue  
Phone: 558-4941  
Wife: Virginia (WAØNCO since 8/1965)  
Children: Betty, age 19; Susan, age 16; Royce, Jr., age 7  
Employment: Supervisor Boiler Plant  
Quaker Oats  
License: One Year  
Hobbies: Bowling, fishing, ham radio (also teaches evening class in stationary engineering at Tech High)

Harold E. McClenahan, Jr., WAØDGA  
Age: 33  
Address: 6313 Hamilton Street  
Phone: 556-9877  
Wife: Eva  
Children: Robert, age 9½; Patricia Ann, age 7½; Scott, age 6  
Employment: Line Inspector  
Vickers Inc.  
License: 3 Years (7-6-1962)  
Hobbies: Hunting and Ham radio

John W. Orr, WØPHW  
Age: 42  
Address: 8310 Emmet Street  
Phone: 393-3862  
Wife: Evelyn  
Children: Daughters: Tay Lynn, age 5½; Tracey Ann, 3½; Teri Lu, 18 mos.  
Employment: Instructor-Northwestern Bell Telephone Company  
License: Advanced - 25 Years  
Hobbies: Pure Science, woodworking; outdoor camping with family.

The five remaining on the Board are  
Edmond E. Donze, WØYEV  
Frank Fernald, WØBTE  
Alvin H. Hofgaard, KØTUS  
Fred E. Kujawa, KØETA  
Peter C. Trapolino, WØJHU

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## DUES

That nasty subject "dues" is with us again. Dues for 1966 are due January 1st. All dues for 1965 are past due if not paid. The Treasurer will be available upon entrance to the annual meeting on December 10th so that you can bring your dues up to date if they are in arrears. In fact, dues must be brought up to date in order to participate in the annual meeting proceedings. It is hoped you will be able to pay your 1966 dues at this meeting in order to save us the problem of billing you.

New member applications will be accepted and will be voted on at the annual meeting, the membership to take effect the first of the following month or January 1st. Whereas new applicants for membership will be most welcome to attend the meeting as guests they would be unable to participate in the annual meeting proceedings.

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This is to inform you I have received Amateur Extra Class  
Nov. 3, 1965.

73,  
Sigmund Piotrowski  
WØEWF  
Box 422  
Imperial, Nebr.

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## FOLLOW UP ON FIELD DAY

Right after Field Day 1965 we published a letter from Bill Dennis, KØUKN (see August 1965 issue) regarding his station activities in the one transmitter multiple operator class. Those of you who searched diligently through QST looking for WØEQU no doubt observed but perhaps did not note KØUKN/Ø. In his classification he finished first in Ø land and 4th nationally. Final score 5,310. Our congratulations to Bill and the group on the results of their efforts. The fact they are very pleased with the score still does not change the basic factors involved with Field Day. They did prove they could do it should they be needed in an emergency at any time, and even though it was a lot of work it was also enjoyable.

Still haven't found WØEQU. No doubt it is due to failing eyesight. Will look again when I am more rested. Reading the results reminds me that during the long winter months is the time to study your individual projects for emergency preparedness. One never knows when the emergency will strike and we should be as prepared as possible prior to the emergency, and besides there are only 200 days until next Field Day. At any rate let's look forward to next year's Field Day with the idea of getting our Club station on top of some classification where it will be real easy to find next November when QST reports the results.

\*\*\*\*\*

# IBM

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### OFFICIAL BULLETIN NR 32 FROM ARRL HEADQUARTERS NEWINGTON CONN NOV 4 1965 TO ALL RADIO AMATEURS BT

The annual ARRL cross indexed Net Directory is now ready for distribution and copies are being mailed to those who have requests on file. Other copies will be mailed only upon specific request. There is no automatic mailing list. If you want a copy of the new ARRL Net Directory, mail or radio a request to the ARRL Communications Department, 225 Main Street, Newington, Connecticut 06111 AR

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## SOLDERING ALUMINUM

Contrary to widespread opinion, aluminum may be soldered with an ordinary soldering iron and regular solder. The use of special fluxes or ultrasonic irons is not necessary for the occasional joint.

The action of the air forms a thin and invisible layer of aluminum oxide on the surface of the metal, and this must be removed before it will "tin." The area to be tinned is covered with a layer of ordinary lubricating oil (most types seem suitable, though probably the more viscous and less volatile are more so). Through the oil, the surface of the aluminum is scraped away with a knife, removing the thin slivers of the metal and with it the oxide. The oil prevents the air reaching the exposed metal, and if a hot, well-tinned soldering iron is pressed against the cleared area, by the time the oil has boiled away the metal will be tinned. Once tinned, it is, of course, no trouble to place another piece of tinned material against the aluminum and the application of heat will result in a sound, strong joint -- just as good as that obtained with tinplate.

Particular applications are the soldering of feed-through capacitors directly to the aluminum chassis, and the bonding of screen

G3PIT/RSGB Bulletin and  
Collector/Emitter, Florida  
Skip

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## ANTENNA REPORTS

By Jim Wilson, WA4RXG

### FCC REPORT

The Federal Communications Commission has ended its 30th year with nearly 1-1/2 million radio stations (including short wave) under its jurisdiction.

That's nearly 30 times the number the Commission started with when it went into operation on June 19, 1934.

The Commission's 1963-64 annual report says there also are nearly 29 million radio operator authorizations, both commercial and amateur, or about 45 times as many as in 1934.

In three decades, the number of applications received by the Commission has multiplied 100 times, from less than 10,000 in 1934, to almost one million in 1964.

During the 30-year period, the FCC has had 37 different commissioners from 27 states. One of the commissioners served two separate terms.

The Commission was the first regulatory body to have a woman member, Frieda B. Hennock. She served from July, 1948, to June, 1955.

de Florida Skip

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Sioux Two Net, 145.2 Mc., time changes to 9 P.M., (CST) instead of 8 P.M., as previously announced. (It interfered with Bonanza.) Repeat: 9 P.M., (CST) every Sunday,

de WORRN

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Many of us have to use inverted Vees for our 80 and 40 meter antennas because of lot limitations.

In my case, mine comes down from just below my 20 meter beam and is shaped something like a rhombic standing on its head. The 40 meter legs parallel the 80 meter antenna to where the latter had to turn a corner. On one of these legs this corner was only about a foot off of the roof of my house. The other leg was entirely in the clear.

Having an SWR of 4.5/1 on 40 I decided that the wiring and conduits in the attic of my house must be distorting the nearby leg. Using a 20 ft. tower to raise that leg I was amazed to find that immediately the SWR dropped to 2/1, and at the exact resonance point of the antenna it was unity.

Now by pruning my 80 meter antenna I have accomplished the same favorable SWR on that band.

Let me suggest that if others have their inverted Vees coming down close to a roof they should make an attempt to raise it 5 or 10 feet higher and the results will be very gratifying.

de Florida Skip

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### AMATEUR RADIO NEWS SERVICE

The Amateur Radio News Service is an organization of editors, publishers, etc. of amateur radio newspapers and magazines. The

purpose of the organization is to assist editors and publishers in any way possible to help them get out a paper, easier, better, etc. For further information, write the Secretary, Helen Brick, 821 W. Lindley Ave., Philadelphia, Pa. 19141.

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**OFFICIAL BULLETIN NR 35  
FROM ARRL HEADQUARTERS  
NEWINGTON CONN NOV 20 1965  
TO ALL RADIO AMATEURS BT**

The ARRL Committee of Tellers met today to count ballots in the elections just concluded for ARRL Director and Vice Director. The number of votes credited to each candidate is as follows; the first listed candidate is declared elected for the next term of office.

In the Atlantic Division for *Director*, Gilbert L. Crossley, W3YA, 2889; George S. Van Dyke, Jr., W3ELI, 2038.

Atlantic Division for *Vice Director*, Jesse Bieberman, W3KT, 1946; Allen R. Breiner, W3ZRQ, 1531; Edwin S. Van Deusen, W3ECP, 1439.

Delta Division for *Director*, Philip P. Spencer, W5LDH/W5LXX, 1205; Franklin Cassen, W4WBK, 396.

Delta Division for *Vice Director*, Max Arnold, W4WHN, 831; John Allen Swanson, W5PM, 494; David C. Goggio, W4OGG, 157; Maurice Singer, K5YMM, 106.

Great Lakes Division for *Director*, Dana E. Cartwright, W8UPB, 1486; James W. Voorhees, W8EGR, 1375; John E. Siringer, W8AJW, 1228.

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Midwest Division for *Director*, Robert W. Denniston, W0NWX, 1908; William J. Schmidt, W0OZN, 511.

Pacific Division for *Director*, Harry M. Engwicht, W6HC, 1676; Larry M. Reed, W6CTH, 697.

The new Directors and Vice Directors take office starting January One 1966. As of that date the following additionally take office likewise for two year terms in view of election procedure previously completed. Canadian Division Director Noel B. Eaton, VE3CJ, Dakota Division Director Charles G. Compton, W0BUO, and Southeastern Division Director Charles J. Bolvin, W4LVV, also Canadian Division Vice Director Colin C. Dumbrille, VE2BK, Dakota Division Vice Director Charles M. Bove, W0MXC, Great Lakes Division Vice Director Charles C. Miller, W8JSU, Midwest Division Vice Director Sumner H. Foster, W0GQ, Pacific Division Vice Director Ronald G. Martin W6ZF, and Southeastern Division Vice Director A. L. Hamel, K4SJH. See details of these earlier actions Page 35 November QST AR

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**DEAR MABEL**

I've been working hard on my little battery radio -- just have to get it fixed up before my soap serial comes on at 3 O'clock. Today Ellen is about to tell John the BIG NEWS and he'll be so shocked to hear it!

I took the radio all apart and it was a mess inside. Figured it was a grid-leak so dusted it out and put it back together. Still

didn't play. THEN it dawned on me, Mabel. Maybe it was the batteries. Took only half an hour to read up on "Batteries."

Well, they had never been near an open flame, except when I lit a cigarette, so I knew that wasn't the trouble. The book then said to keep them well ventilated. Thought I'd really hit on the problem there. Those batteries had been closed up in the box for a long time, so I put them outside on the window sill for about an hour to ventilate them. Still doesn't help, Mabel.

Next it said ADD distilled water! I shook them and sure enough -- they were dry. Couldn't find the hole to pour the water into so I made a small one and put several droppers of water in. I can see why they want you to put vaseline on the top of batteries now. It keeps all that foamy stuff off of there.

This will amaze you, Mabel, but do you know why batteries are so expensive? It says so right in the Battery Book: "Overcharge once a month." Wish we could find out when the stores do this. It's always when Clyde and I go to buy them.

Well, Mabel, my radio still doesn't work. Just tried it again. It's nice to know all those things about batteries, tho'. So many things are battery operated these days, even the children's toys and toothbrushes.

Love,  
Gladys  
de Florida Skip

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**OFFICIAL BULLETIN NR 31  
FROM ARRL HEADQUARTERS  
NEWINGTON CONN OCT 28 1965  
TO ALL RADIO AMATEURS BT**

Attention DXers. Announcement is hereby made of the addition to the ARRL Countries List of the Spratly Islands. Located in the South China Sea, approximately 775 miles northeast of Singapore, Spratly Islands is territory with historic claims by four different countries but territory in the possession of no one country. Confirmations for contacts with Spratly may be submitted for DXCC credit starting March 1, 1966. Confirmations received for this listing before March 1, 1966 will be returned without credit AR

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**OFFICIAL BULLETIN NR 34  
FROM ARRL HEADQUARTERS  
NEWINGTON CONN NOV 16 1965  
TO ALL RADIO AMATEURS BT**

A reciprocal operating agreement becomes effective November 28 between the United States and Colombia. Amateurs of one country visiting or residing in the other may obtain permission to operate their own amateur stations there. The United States has previously reached such agreements with Australia, Belgium, Bolivia, Canada, Costa Rica, the Dominican Republic, Ecuador, Luxembourg, Peru, Portugal and Sierra Leone. Many others are being negotiated and successes will be announced as they occur AR

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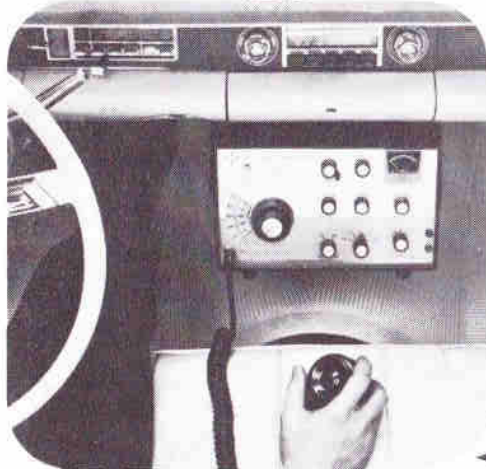
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