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Vol. XXIII

No. 12

Ak-Sar-Ben Radio Club, Inc. 1973 Annual Meeting and Christmas Party

December 1973



December 14, 1973 - 8:00 P.M.

World Insurance Company Cafeteria 203 South 18th Street, Omaha

ELECTION of officers. Paid Club members will vote on officers for 1974

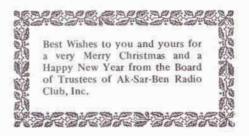
GIFT EXCHANGE - Club members and quests (adults) who wish to participate in the exchange of gifts must bring a gift - minimum value \$2.00. Only those who bring gifts will be eligible to participate in the exchange.

DOOR PRIZES - Separate drawing will be held for door prizes from list of paid members.

MOVIES AND SPECIAL FAVORS FOR JUNIOR OPS

REFRESHMENTS

BRING YOUR FAMILY AND FRIENDS - GUESTS WELCOME



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.



Next copy deadline: December 21st

M.S. AWARD TO AK-SAR-BEN RADIO CLUB

On Thursday evening, November 15, at the Indian Hills Educational Center, 85th and Dodge, the Board of Trustees of the Midlands Chapter of the National Multiple Sclerosis Society presented the Volunteer Service Award to the Ak-Sar-Ben Radio Club for outstanding effort in helping to make the 1973 spring drive and bike-a-thon the success it was through a very efficient and reliable communications net. Executive Director, Miss Rose Marie Whiteley stated "words cannot convey the deep appreciation the M.S. Society feels for the tremendous job members of the Ak-Sar-Ben Radio Club did in supplying valuable communications for the M.S. drive." The M.S. Board of Trustees hopes this award will be a lasting token of their appreciation for a job well done.

The plaque will be presented at the Annual Meeting and Christmas Party.

By – Bob Lockwood, WAØDHU

Published by AK-SAR-BEN RADIO CLUB, INC. Post Office Box 291 Omaha, Nebraska 68101 Editor: Dick Eilers, WØYZV HOME: 391-2255 Phone BUSINESS: 342-1402 - EX. 327 Associate Editor: John Snyder, WØWRT HOME: 556-1538 Phone BUSINESS: 397-3000 - EX. 3761 Associate Editor: Ervan Heinz, WAØEEM HOME: 553-2033 Phone BUSINESS: 553-4700 - EX. 331

SECOND TRANSMITTER HUNT

Announcing the second in a series of transmitter hunts which is to be held on Sunday, December 16, 1973 at 1:30 P.M. The hidden rig will be manned by WØRMB, Cecil and WAØWRI, Joe. Plan not to miss this one!

The hidden transmitter will again transmit on 146.94 Mhz. The repeater will again be shut down during the event. NOTE: This event is for mobile and portable equipment only. The use of base station equipment is prohibited.

By - Bob Lockwood, WAØDHU

RECENT CONTRIBUTORS

Repeater Fund:

Richard A. Dennis, KØQXC James M. McIntosh, WØAPV

Auto Patch:

Charles Kelly, WAØUZX Lynn A. Blesh, WAØODH

HAM HUM

December 1973

REPORT ON TRANSMITTER HUNT By-Bob Lockwood, WAØDHU

The first in a series of transmitter hunts sponsored by the Ak-Sar-Ben Radio Club, Inc., was held on Sunday afternoon, November 18th. KØEFR, Bill and WAØODH, Lynn manned the hidden transmitter.

KØLUG, Bob and I teamed up to try to find the rig. We coordinated our bearings with the help of our base station beam and determined that the PHANTOM RIG was southeast of Benson. We proceeded southeast across Omaha, occasionally taking a bearing using Bob's loop. We finally ended up enjoying the scenery at the Nature Center. It's lots of fun roaming around in the tall timbers in search of a rig that isn't there. Hi! Hi!

Meanwhile WBØDDZ, Randy found himself at 46th and L where he declared that the hidden rig had to be in the area. After a thorough search of the area, he left and later teamed up with WBØFGE, John. They proceeded to wander all over South Omaha enjoying the sights with a 20 element co-linear array on the back end of their car. Hi! Hi!

WBØGAJ, Rip and WBØGAI, Roger teamed up with some very sophisticated gear in an effort to find the elusive transmitter. They, too, enjoyed the Sunday drive.

WØRMB, Cecil teamed up with WAØWRI, Joe and proceeded to wander all over town but failed to walk right into the phantom transmitter site. It was announced by Bill, KØEFR that if their location was invaded by 3:15 P.M. some 807s would await the winner. The 3:15 P.M. came and went and everyone was still hunting.

During the hunt WØNMN, Larry got to the home station of KØWVF, John and thought he had found the hidden transmitter. It turned out that KØWVF was playing a pre-recorded tape of a transmission which tape had been supplied by the transmitter crew. This tape, in fact, was played several times during the hunt. Just another of their tricks! We heard many more mobiles wandering around trying to locate the hidden site. Truly, Omaha was thoroughly searched with no results.

At 4:20 P.M. it was announced that the hidden rig was located. It was at a trailer sales park at 46th and L. Randy, WBØDDZ and John, WBØFGE were the invaders. It wasn't long 'till everyone converged on the site. We had a FB eyeball and a good laugh at the sight of a 20 element co-linear array mounted on the back of a car. It looked like a mobile oak tree.

The PHANTOM prize was a \$10.00 gift certificate at Hi Electronics, donated by the Ak-Sar-Ben Radio Club, Inc.

With the cooperation of the weatherman and a crew that did a bang-up job manning the hidden transmitter, we had a lot of fun. We thank Lynn, WAØODH and Bill, KØEFR for their advance preparation for this event and for their antics which made the hunt very enjoyable and challenging for all.

December 1973

HAM HUM

MEMBER NEWS

We are happy to report President Russ Minks, WAØVEE, is now recuperating at home after his recent surgery.

Our best wishes for a complete and speedy recovery, Russ!

* * *

11/3/73

Ham Hum: I'm in Staunton, Virginia getting some schooling on G.E.'s TERMINET, which is a competitor of the Teletype machine.

The 2 meter FM activity isn't very heavy in this area. Have talked to a few locals on .94 direct.

> 73, John, WØWRT ******

"SHUT UP AND LISTEN"

Did you read George Hart's article in the ARPSC column of July QST (page 72)? It should be required reading for all operators. The gist of it is that in an emergency situation the greatest help most of us can render is to "shut up and listen."

If you haven't been a regular member of a traffic net so you are thoroughly familiar with the procedures, an emergency situation is no time to start learning. If you really want to be a hero when an emergency strikes, start preparing NOW by registering with your local EC and becoming a regular member of some traffic net.

George Hart has been trying for years "to teach every radio amateur Page 4 HA how to operate in an emergency net" but "you can't spread the word to amateurs who will not read and will not listen, and there are thousands of them who show up out of nowhere when an emergency occurs."

"Most of them merely want to help," he writes. "A few have personal but unselfish motives. A still smaller minority are motivated solely by the desire to be individual heroes. None of them knows how to do what he is trying to do, however, so all three of these categories added together in an emergency situation can cause a whale of a mess in a net trying to handle emergency traffic"

de Auto-Call

SILENT KEY

Sir: I would be pleased if you would make mention in your next publication that Ed Haley, WØPQP, is now a silent key. He passed away on November 11, 1973.

He was an active and enthusiastic ham for 22 years. Even though he had no formal education in electronics, he obtained the extra class license because he believed in the incentive program. He was an inspiration to many young men to get their amateur licenses. He set a high example for his fellow hams and I feel certain this example aided them greatly. It certainly did me — his admiring and devoted son.

Jack Haley, WØNOW

(Ed. Note: WØPQP, Valley Nebraska, was not a Club member but was a longtime subscriber to Ham Hum.)

HAM HUM

December 1973

PAST PRESIDENTS' NIGHT

It was a real inspiration to have such a good attendance at our November meeting and to visit with the following Past Presidents who were there: John F. Leeder, WØUFD (1946); Arthur R. Gaeth, WØFOB (1947); Herbert D. Curry, WØOXR (1948); John W. Orr, WOPHW (1952); David A. Hollander, W6COJ (1959); John A. Droescher, KØKWB (1961); Louis A. Cutler, WØVLI (1964); Robert C. Lockwood, WAØDHU (1968); Royce E. Johnson, WAØKIL (1969); Harold E. McClenahan, Jr., WAØDGA (1970); James C. Droege, WØYCP (1971); and Edward F. Askew, WAØRDZ (1972).

Art Gaeth, WØFQB, was terrific as Master of Ceremonies. He welcomed the past presidents and asked each one to give a little resume of his activities. It was great to have Dave Hollander, W6COJ, attend our meeting. He flew from Orange, California and surprised us by his attendance.

A telephone call from Father Ray Strange, WØQHG (1953) indicated his regrets at being unable to attend the meeting this year and requested his interview with Pat Scolla, WBØEGR, be read (November Ham Hum). Harold McClenahan, WAØDGA, who thought he might be unable to attend, sent a tape recording which was played in advance of his late arrival at the meeting.

We were pleased to receive communications from three other past presidents – Frank W. Cooper, W3NV (1954 President), Dick L. Eilers, WØYZV (1956 President), and Ervan D. Heinz, WAØEEM (1967 President) which we quote for your interest. Dear Dick:

This will acknowledge your special invitation of October 30 to attend your Past Presidents' Night of Ak-Sar-Ben Radio Club, Inc. to be held on Friday, November 9.

I certainly enjoyed my visit with the Club last year but unfortunately, prior business commitments will find me out of the city and unable to attend this year. I will be attending the National Plastics Exposition in Chicago at this time.

It certainly was great visiting and being at your last meeting; it was good meeting all of my old friends and hearing about their activities.

Briefly, Dick, my activities with amateur radio have been almost at a standstill. I don't believe this is due to a lack of interest, but primarily due to the fact that my new interest, namely, flying occupies most of my time, and the "DX Bug" does not hold my interest at this time as it has over the past many years.

I occasionally do talk with Ferris Kramer and some of the other boys from Omaha from time to time on Sundays, but this is also somewhat limited. My equipment is still the same, namely, Collins S Line with no additions or deletions.

The trend of inflation and the very hectic natural resource business keeps me quite occupied, leaving very little time for any other activities but flying.

I have a little bit of news which might be of interest to some of my Omaha friends. Am happy to state that Linda is now attending the University of Nebraska Medical College in Omaha; so you can see that there is some of W3NV in your fine city.

December 1973

HAM HUM

She is living in Omaha with another roommate somewhere around 42nd Street, and will be there until she finishes her educational medical career. This fact should bring me to Omaha more often than in the past many years. I will make it a point to get in touch with you when this does occur.

Please extend my heartiest congratulations and continued good health and good DX to all of the Past Presidents and thanks again for your kind invitation.

While I will not be at your meeting in person, many fond memories of Ak-Sar-Ben Radio Club and its members will make me feel like I am attending the Past Presidents' Night.

> 73 to All, (Frank) F. W. Cooper, W3NV

Dear Program Chairman:

I seldom miss a Club meeting and hoped never to miss a meeting when Past Presidents were invited to attend. I now find it necessary to go to Sioux Falls, South Dakota today for a company agency meeting which puts me in the spot of having to admit, that which brings in the money to support the hobby is, after all, more important than the hobby.

I was particularly anxious to see some of the oldtimers I do not regularly get to see and who, no doubt, will be at the meeting, not only Past Presidents but others who will probably be in attendance or at least have been in previous year.

I have been a member of the Club since 1945 and was President in 1956 which, incidentally, was the second Page 6 HA year after the club was incorporated.

Having already mentioned the year 1945. I can also say I am most pleased to offer my observation that our Radio Club has for all of these years been progressing and becoming stronger, thus performing whatever services we can to both the amateurs of the greater Omaha area and others whether it be by way of emergency communications or other services. With the things your current officers and trustees are doing with help of the members, such as the repeaters, code and theory classes, good programs, etc., I feel the Club will become even stronger and better.

The crop of new people coming into the Club each year are adding their part and I am sure the Club will continue to be a valuable thing for all concerned.

My activities lately have been mostly in Air Force Mars although I do have interest in the repeaters even though I do more listening than talking.

I wish to particularly thank you for allowing me to continue as editor of Ham Hum, the official publication of the Ak-Sar-Ben Radio Club, Inc. I have enjoyed it and it keeps me more active in the Club. One thing about being editor, I get to read it before anyone else!

Some of you may not have received the November issue yet this month which is the reason a special mailing was made to members reminding them of this meeting of Past Presidents. In case you have not yet received your issue, I'll remind you there is a transmitter hunt on 2 meters on the 18th of November.

So, best wishes and hello to those Past Presidents who are at the meeting

December 1973

HAM HUM

and best wishes to those who are not. I am sure they all wish they could be there.

> 73, Dick L. Eilers, WØYZV * * *

Dick - YZV:

I regret to inform you I will be out of town 11-9-73 — Past Presidents' Night. Certainly enjoyed the Ham Fest — will try to make future meetings.

Have been extremely busy with work and family activities.

Best regards to all, Erv Heinz, WAØEEM '67 Past President

Reference the article in your last November issue on the Motorola radio net, I might clarify it somewhat as I received more information. The frequency band of 115 Mhz is at the top end of the UHF TV band which is not being used at present. It's a trial program on equipment development. Also, the same story; if you don't use it, you lose it. I just thought you might want this later information in case somebody questioned what band was to be used.

> Very 73, R. F. Zimmerman, W8DPW Editor, R.F. Carrier

"John, what animal is peculiar to Australia?" asked the teacher.

"An elephant, sir."

"An elephant. Elephants aren't found in Australia."

"That's right, that's why it would be peculiar."

A Magazet

December 1973

Let's make a clean start in our operating habits! The following listed operating comments are definitely in need of our attention. Most of these habits simply boil down to the fact that we are really not too considerate of the other fellow. Yet, these comments are meant to be critical of our operating habits...and if the shoe fits, wear it and correct the situation!! These comments are for your earnest consideration.

1. Make short calls, particularly when calling CQ. Either he hears you or he don't!!! (People have a tendency to retune a long CQ because there is no sense in waiting all evening for you to sign).

2. Don't talk locally on a DX band; those days are over when we could afford to have local five-cornered gabfests on DX bands.

 Use break-in and push-to-talk; these are hallmarks of the efficient operator.

4. Don't leave your power setting at your maximum level. Be able to reduce power in order to still maintain satisfactory communications. The FCC by the way requires it!

5. Give honest signal reports, avoid the flattery, (and expect the same in return). Do not be satisfied with asking for a candid report, demand it! What good can come of a misleading report?

6. Don't be a show off. Yes, you can send faster than he can copy (give him a break as he may be rusty). A steady 18 words a minute will move more conversations than a flashy and (generally lousy) 27 WPM.

de Sparc Gap, St. Petersburg, Fla.

HAM HUM

SPECIAL NOTICE 1974 CODE AND THEORY CLASSES

Volunteer members of the Ak-Sar-Ben Radio Club, Inc. will again conduct code and theory classes in 1974.

Sessions will be held each Monday at 7:30 P.M. beginning January 7, 1974, and will continue for fifteen weeks with the last session on April 15th. The place: CREIGHTON PREP, 7400 Western Avenue, Omaha (use west parking lot).

There will be two Code Classes and two Theory Classes conducted concurrently – one for those preparing for novice privilege, and the other for those preparing for general and above privilege.

Following is an outline of the study courses:

Novice

Jan. 7	Introduction to Amateur Radio	
Jan. 14	Introduction to Amateur Radio	
Jan. 21	DC Circuits	(demonstration)
Jan. 28	DC Circuits	(demonstration)
Feb. 4	AC Circuits	
Feb. 11	AC Circuits	(demonstration)
Feb. 18	Power Supplies	(demonstration)
Feb. 25	Transmitters	(demonstration)
Mar. 4	Transmitters	(demonstration)
Mar. 11	Receivers	(demonstration)
Mar. 18	Receivers	
Mar. 25	Antennas	(demonstration)
Apr. 1	Antennas	
Apr. 8	Review	
Apr. 15	Review	

General and Above

Jan. 7	Ohms Law	
Jan. 14	Ohms Law	(demonstration)
Jan. 21	Inductance	(demonstration
Jan. 28	Capacitance	(demonstration)
Feb. 4	Tuned Circuits and Filters	(demonstration)
Feb. 11	Tubes and Transistors	(demonstration)
Feb. 18	Power Supplies	(demonstration)
Feb. 25	Transmitters	(demonstration)
Mar. 4	Transmitters	
Mar. 11	Receivers	(demonstration)
Page 8	HAM HUM	Decem

December 1973

Mar. 18 Antennas Mar. 25 Review Apr. 1 Review Apr. 8 Review Apr. 15 Review

Instructors for novice class will include: KØKKL, Chuck Juvenal; KØDKM, Lloyd McElhaney; and WNØHPP, Hilton Norton. Instructors for general and above class will include: WBØBCB, Ed Eichler; WAØDHU, Bob Lockwood; and WNØGQT, Jon Penner.

> NO FEE – NO PRIOR REGISTRATION REQUIRED ANYONE WELCOME TO ATTEND

FOR SALE

K-30H-MTS-ITT-Kellogg converted to 2 meters *Base Station*; external control head on Cinderella phone; automatic squelch, 30 watts out, \$150.00. Crystaled for 94/94, 16/76, 64/64, 52/52, 28/88, 34 transmit included. Conversion done by WØQOU of Snyder.

Contact Marty Klein, WBØHXA, 1241 East 19th Street, Fremont, Ne. 68025. Phone: (402) 721-2570 evenings after 6 P.M. or Sat. and Sun. all day.

FOR SALE

Yaesu FT-200 and AC Supply (Transceiver)

SWR Power Meter

MIC

18 AVQ Vertical

For further information call: Don Siebenborn, WBØAWQ Phone: 292-2425 FOR SALE

Lafayette HA-350 ham hand only receiver – good condition – with Q multiplier – \$50.00

WANTED TO BUY

LASCR - at least 300V.

Lou Olsen 6306 North 32nd Street Omaha, Nebraska Phone after 7:00 P.M. 451-0557 *****

FOR SALE

Gone TR-4: Must sell Galaxy V with AC and DC supply. Priced for quick sale.

Call KØOQL, Bob Broom Office: (402) 221-3374 Home: (402) 457-4237 after 5 P.M.

December 1973

HAM HUM

Page 9

(demonstration)

"AMATEUR RADIO AND SPEED TRAPS or 62 MPH ON .94 AIN'T BAD"

By-Joe Eisenberg, WAØWRI

On my way to the Midwest Division Convention, I was traveling on Vine Street from my dorm to the motel. As a student at the University, I am subject to the same rules as a permanent resident of Lincoln. Visitors usually get warnings in traffic cases. While traveling down Vine, I was in QSO with WØRMB, Cecil on .94 simplex. As I was giving him directions. I passed one of our illustrious speed traps. I was transmitting through the trap until I was stopped. When I first saw him about a block away, my speedometer showed 35 MPH, which is the limit there. It is very accurate and has been tested for accuracy. The officer told me that he was citing me for going 42 in a 35 zone. He then returned to his car to fill out the ticket. While there, he called in my registration for a routine check. I also was transmitting to Cecil and telling him that it would be a minute until I returned to the air When the officer returned, he asked about my radio as it was de-sensing his and it was making copy very difficult. I then asked him about interference to his radar unit. He related to me that his own radio, when transmitting, renders his radar useless I then explained to him how close we were in frequency and that the effect should be the same from my radio. The frequency of the Lincoln police is about 155 MHz. They use Motorola gear to a stiff-wire quarter wave on the back. He told me that he never had interference from outside sources, but didn't doubt that it was possible. Before I could arrange an on-the-air spot test, an accident occurred near us and he had to go. He gave me the ticket and told me to tell my story in court, or talk to the city prosecuting attorney about dropping it. I went there the next week, and told him the story. During the next week, he talked with other officers about it and they all concurred that their radios do interfere, but would not say if an external source could. We arranged a test in the police parking lot and tried it out. With the help of Clay Statmore, WA2JIM, we discovered that it was indeed interferring. From 6 car lengths away. I was standing still in my spot and when I keyed up my rig, the radar registered 62 MPH. We tried readings while moving, backing, and on different channels, (94 is best.) The amount of error varied with frequency and distance. The prosecutor said that he could not drop it since it was so late, so I appeared in traffic court on Oct. 25. I pleaded not guilty and a trial date was set for Feb. 19. This is really a formality because I have the prosecutor convinced since he saw the tests and it will never stand up with all those people who have seen this problem in action. I don't know where the problem is in the radar, but I think it might be overloaded by the presence of my RF field. I have written this article so that you may get a better understanding of this little known but

Page 10

HAM HUM

December 1973

serious problem. I hope that other amateurs will follow this procedure if they truly think that they did affect the radar. I do not suggest that every ticket that you get you appeal unless you are sure that you were transmitting and you have tested it. Above all, be courteous, but well informed when discussing the matter with police. There were many officers who thought I was just another college troublemaker until they saw the needle hit the peg. I will have another article in February or March when this is finally over. If you have any questions or comments, please send them to me at: 860 N. 17th St. 71133, Lincoln, NE 68508, or call me on 2m, but when on the air, make sure there are no radar traps around.

It All Depends on How You Think

If you think you are beaten -you are. If you think you dare not you don't. If you'd like to win but think you can't It's almost certain you won't. If you think you will lose, you've lost, For out in the world you'll find Success begins with a fellow's will. It's all in the state of your mind. If you think you're outclassed, you are. You've got to think high to rise. You've got to be sure of yourself before You can ever win a prize. Life's battles don't always go To the stronger or faster man. But sooner or later the one who wins Is the one who thinks he can.

Scottish Rite Bulletin

MOBILE OPERATORS --Check Your Amateur License

As you drive about enjoying the pleasures of working through the many fine repeaters around the country, are you operating legally? Chances are the answer is NO.

The reason is very simple. You are not in possession of your amateur license. The original is probably in your shack, maybe even framed. Copies of your license are useful for many purposes, including attaching to an application for renewal, but not for operating. At the FCC Forum recently held at the Roanoke Division ARRL Convention, the question of license copies was asked. The response was that at any time you operate any amateur station; your home station, your mobile station, a club station or another amateur's equipment, you must have the original license on your person or on the premises. Quite simply, it must be available for inspection by Commission personnel on demand. Copies are easy to obtain. The original would be difficult for someone to get hold of, short of outright theft.

de Ra Ra Rag, Rochester, N.Y.

Heard at the coffee bar: "Would you like your coffee black?" "What other colors have you?"

"I spent a day or two with a fellow ham in Switzerland last month." "Berne?"

"No! Dang near froze."

de HARC News

December 1973

HAM HUM



SO MUCH FOR SO LITTLE! This small, hand-held, 2 WATT transceiver offers high quality performance of more expensive units. Collapsible antenna included, as well as crystals for 94 & 52 simplex. Accessories available. Frequency range-144/148 MHz; 25 kHz ch. spacing; FMphase modulation; 2 wett output to S0 Ohms unbalanced; RECEIVER dual conversion superhet with sensitivity of Muv. or 20 db quieting, squetch threshold of .2uv and selectivity ±15 kHz = -70 DB. Operates from 12VDC inter nal batteries(AA ize carbon or Ni-Cad types). Size: 8.5'' x 2.9'' x 2'' (HWD) and 1.7 Lb.

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AL - WØJJK

TEMPO "ONE" transceiver

\$34900

Madern design, superb performance, high styling, sturdy construction outstanding reliability, and truely EXCEPTIONAL VALUE!

Covers 5 bands, 80 to 10 meterr, with a rower input of 300 watts SSH/PEP, and 240 watts CW. Stable vfo with 1kHz readout and less than 100 Hz drift:/30 min. after warmup. 2.3kHz selectivity with 1.7:1 shape ratio, selectible sideband, vox/ptt, calibrator, transmitter ALC, receiver AGC, sensitivity of ½ uv. for 10 DB S/N, receiver OFF-SET TUNING, cw SIDETONE, unwanted sideband down more than -50 DB, provisions for remete vfo. GREAT MOBILE OR FIXED STATION.

TEMPO /ONE transceiver.....\$349.00 AC /ONE ac supply in speaker console\$ 99.00

HOHBY INDUSTRY,16TH & AVE, 'O', Council Bigffs,1a.51501 MAIL TO HOX 864,PH.323-0142,NOON/5PM.TES /SAT. STORE HOURS ARE: TTES.-WED.-FRI.....NOON TO 5 PM. THURS, NOON TO 6 PM & SAT. 9 AM TO 5 PM.
