

HAM HUM

AK-SAR-BEN AMATEUR RADIO CLUB, INC. Post Office Box 291 - Downtown Station Omaha, Nebraska 68101

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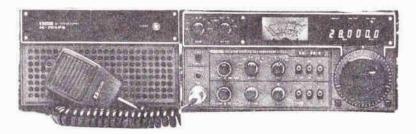
October 1978

5347 No. 30th Street Omaha, Nebraska 68111 (402) 453-3344

IC-211, the 2meter Maximizer



IC-701, the HF Maximizer



HAM HUM is the official organ of the Ak-Sar-Ben Amateur Radio Club, Inc., of Omaha, Nebraska, mailed monthly to all members and to others upon request.

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part thereof for balance of calendar	
New member initiation fee	\$1.00
Regular member	. \$3.00
Regular member and spouse	
Student member	. \$1.05

NEXT MEETING

(NOTE CHANGE FROM TUESDAY TO MONDAY)

WHEN: MONDAY, OCTOBER 9, 1978

TIME: 7:30 P.M.

PLACE: JEWISH COMMUNITY CENTER

333 South 132nd Street Omaha, Nebraska 68154

PROGRAM: AVIONICS

In March of 1975, Kaye Ramsey, WØSBZ, gave a super talk on navigational as well as communicational aids for today's pilots.

Kaye plans to expand on this and have a brief slide presentation.

If you missed it the first time or you are new to the Club, you'll sure want to make it this time.

CU there on MONDAY.

WBOPHP

* * * *

VISITORS WELCOME - REFRESHMENTS - EYEBALL QSOS

THE PREZ SEZ

The plans of mice and men — and sometimes radio clubs.....My apologies for any inconvenience caused by publishing the wrong date for the pricinic last month. It did prove a test see how well the message was passed among communicators. A tape was made, and left a week past the picnic, for our repeater. Local HF net participants were advised and asked to announce it on those they entered. Also, the members attending the meeting were informed.

Even though the forecast was for sunny weather, it rained almost continuously during our picnic. We retired inside the pavilion to enjoy the children's games, fine flea market, eyeball QSOs and the food. WBØWYE, Phil and Emmett Hohensee handled the cooking, several XYLs helped serve the hungry line, and WDØHPK, Marcy, ran the games.

Neophyte S.W.L.ers were recently entertained, as graduate students in Dr. Mary Williamson's class at UNO listened to two amateurs. WBØJPN, Jim and I enjoyed presenting them with a view of the frequency spectrum, elementary computations relating to the bands, and a little ham public relations. International broadcasts are what they are interested in, but hopefully they may become interested in becoming amateurs someday.

The meeting which produced the amateur Master Plan for Emergency mmunications in the greater Omaha area is now completed. Emergency Coordinator K9BL, Bob of the A.R.E.S. has taken the job of putting the plan into writing. It was found that we yet need four 220 MHz rigs October 1978

and antennas, 1 teletype modulator/ demodulator, and an adequate power supply for placement. Solicitation is still continuing throughout the community. However, if you would care to contribute to this effort, please do so. All other equipment needed has been purchased or promised at no cost. The organized network, when placed, will offer this area the finest emergency service we as amateurs can provide.

Our classes, novice-general-'how to,' begin this month. If you know of anyone wanting to become a ham or to upgrade, inform them or bring them to the classroom. Details appeared in the September issue.

Remember the Midwest A.R.R.L. Convention in Kansas City on October 13, 14 and 15. Too late now for pre-registration. Just go — you'll enjoy it. Save some dollars also for the Lincoln Club's annual auction on November 12th or maybe you're a seller — or worse — both seller and buyer.

Thanks much to those of you who cared enough to offer a friend's name for consideration by the upcoming Nominating Committee meeting. Hi. I will bring those names received and others before the committee for selection.

Last month we heard about MARS, courtesy of K9BL, Bob. This month we will deal with communications a little closer to earth. Thank you, Bob, for your program.

Please remember the change in meeting date — the day before the second Tuesday — this month only. You and your friends are always welcome, See you there.

> 73s Jim, WBØQGV ******

DOUGLAS COUNTY EMERGENCY OPERATING CENTER PLANNING MEETING

On August 24, 1978 the Executive Board of the Ak-Sar-Ben Amateur Radio Club and the Core group of the Amateur Radio Emergency Service met at the Red Cross Chapter House to discuss equipment requirements for the Douglas County EOC. Since the EOC was soon to be operational, it was imperative we install all needed equipment as soon as possible.

We began by determining the basic functions of Douglas/Sarpy County ARES. We discussed the types of emergencies we could be of assistance with and how we would respond. We determined we would man several predetermined points to generally serve the same type of function. These points include: Sarpy County EOC. Offutt AFB tower, National Weather Service, Douglas County EOC, the Red Cross Chapter House, the Jewish Community Center, and possibly the Red Cross Mobile Van and the Nebraska National Guard Headquarters.

Each place we manned served a specific function, Sarpy EOC was our primary net control and REACT liaison. Offutt tower was our backup net control, 3rd Weather Wing liaison and Citizens Band Communicators liaison. National Weather was generally the people we worked for until the danger had passed, Douglas EOC would be Omaha officials and 911 liason. The JCC was our traffic handling facility, particularly on HF. The Red Cross Field Van was a mobile office since it contained field emergency power, VHF and HF capabilities. The key to the entire

operation, however, was the Red Cross. This was to be the hub of all other activities.

The group then developed a mat to determine what equipment was located at each point and what was still needed to perform our functions. This was not "nice to have" equipment, but the absolute minimum necessary to do the job. We now have an adequate number of 2 meter rigs, but we need one antenna at the Red Cross. We need 220 rigs at the Red Cross, JCC, Offutt tower, and Sarpy EOC. All locations except Sarpy EOC need 220 antennas too. We need a 12 volt power supply at Douglas EOC and two teletypes to be placed at the Red Cross and Douglas EOC.

This equipment is expensive, but we cannot rely on always having an amateur available who has that needed piece of gear when disaster strikes. We need to procure that equipment as soon as possible, so we can have it in place before it is needed. If you can contribute either equipment or funds toward the equipment, or know of some organization or individuals that can, contact the Ak-Sar-Ben Amateur Radio Club, Box 291, Omaha, NE 68101, attn: Douglas/Sarpy County Emergency Coordinator.

73s,
Bob Neben, K9BL
EC, Douglas/Sarpy County ARES

And speaking of government, remember when only astronomers and bacteriologists talked in terms of billions? — Service

ADDITIONS TO ROSTER

William J. Abbott, NØZX 11008 Lamp Street Omaha, Nebraska 68154

Phone: 334-7958

Jack T. Barnett, WAØCMK 3538 – 8th Avenue Council Bluffs, Iowa 51501 Phone: 322-6209

C. Ralph Fontaine, Jr., WB4BWG 4921 Glasgow Avenue Omaha, Nebraska 68157 Phone: 733-7950

John W. Olson, WDØGHB 4612 North 93rd Street Omaha, Nebraska 68134 Phone: 571-5360

Edward M. Lawler, WOTHA 2340 North 71st Street Omaha, Nebraska 68104 Phone: 553-6649

Jerry A. Ramaekers, WDOCSA 12660 "O" Street Omaha, Nebraska 68137 Phone: 895-2458

Dean A. Siegenthaler, WDØGNN 2210 South 13th Street Omaha, Nebraska 68108 Phone: 346-3177

John D. Terry, WBØBX 370 North 47th Street maha, Nebraska 68132 Phone: 558-7553

NOTES FROM SEPTEMBER 19th BOARD OF TRUSTEES MEETING

Present were Jim, QGV; Jim, JPN; Bob, TVP; Butch, NGD; Ken, TXV; Bob, UQJ; Irene, MPC.

Treasurer's report was read by Jim, JPN. Motion made to accept by Butch, NGD, seconded by Ken, TXV and approved by the Board.

President Peterson informed the Board Members that Robert Lockwood, WAODHU, will be the new trustee of WOEQU.

Jim, QGV, also has assured the Board Members that the Club trailer and tent can be stored at the Bonacci Flying Service, Inc. at 72 and Bennington Rd.

A motion was made by Bob, UQJ, to sell both crank-up towers to the highest bidder, which was Bill Perry. Jim, JPN, seconded Bob's motion; the Board Members present approved this motion.

Motion was made by Butch, NGD, to continue issuing Certificates to new members and to regular members, seconded by Irene, MPC, and approved by the Board.

A short discussion was held on the code and theory classes to be held at the JCC. The deadline for Ham Hum articles has been moved ahead a few days. Keep this in mind! It helps the editors to maintain a schedule, so we all receive an issue prior to our meeting date.

Club Secretary
Robert R. Chereck, Sr., WBØTVP

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REPEATER REPORT

It has come to my attention that there is some confusion in the local amateur community as to what is 34/94. In its present state, it is a Spec-Comm repeater operating sin site at the Red Cross. That is, both receiver and transmitter are there. They share a single antenna which is a Phelps Dodge super station master with a 5.8 db gain over a dipole. The fact that both receiver and transmitter are on the same antenna and feed line is made possible by the 100 db Sinclair hybrid ring duplexer sitting under the repeater. In short, the entire system is at the Red Cross.

Also, there is a back-up system on ready standby which consists of a "cloodge" (mostly Motorola) receiver on the Woodmen Tower connected by phone line to a Motorola 60 watt transmitter at the Red Cross. Because of the 1.86631 mile separation, no duplexer is needed on the back-up system. The old "cloodge" is badly in need of replacement and funds have been set aside for this, but it would surely be nice if one uses the repeater to chip in to help defray this allocation.

Donations for 34/94 are definitely down and it's getting hungry. Your old Repeater Committee is looking for another site and when it finds one, the plans are to use the Woodmen/Red Cross as the 34/94 and re-crystal the Spec-Comm in the 147 segment as a second repeater to relieve the 94 log

I have noticed an increasing trend in unidentified tape activation which is patently illegal. There also has been much shutting down of tapes, also with no I.D., which is just as illegal. I wish there were more hams who were not so apathetic as to sit silent and watch our frequencies deteriorate as 11 meters has. Technically, kerchunking a repeater is illegal if it is unidentified. It is also annoying to ose who monitor, especially if persistent. It creates unnecessary wear and tear on the repeater and finally, it is a crutch - a bad habit to get into to reassure oneself that he really can hit the repeater. Maybe a squelch tail should be put on .52 so one could communicate better down there and to reassure everyone that he is getting out

Seriously, if you hear someone bring up a tape without I.D., shut it off and inform the offender what he did wrong and why and give your own call sign. Any other violations you hear, if you know the offender, call him on the phone and tell him. This way, if he is an average person, he won't feel embarrassed on the air and will take constructive criticism. I have done this on many occasions in regard to the autopatch and in all but one case the problem was solved. Also, in all but one case the perpetrator was ignorant or unclear of the rule violation.

I am also realistic enough to realize that ever since there has been and will be amateur radio, there has been and will be infractions and problems. In all but a few cases, a friendly reproach will cure them. Ham radio is supposed to be a hobby and, therefore, fun. There are, however, rules. There is another service which is now also a hobby and also has rules. It is an excellent example of what fun people have when rules are ignored. I see nothing wrong with doing anything or

saying anything on ham radio provided it does not go contrary to Part 97. We have two worlds to play in, one geographic and the other mental, with a minimum of rules to bind us

Finally, I think some of these rules are unnecessary or in their present wording are downright stupid, but they are still rules and I can live with them.

On 40/00, when you make an autopatch call, I am requesting that if you think of it give the date and time on completion of the call. It helps keep track on the automatic log. If it's a 911 call, it may be more value than convenience for me. If it's time, don't bother. Thanks!

John Gebuhr, WBOCMC

RECENT CONTRIBUTORS

Ham Hum Postage North Platte Amateur Radio Club

Repeater 34/94

John F. Leeder, WOUFD

Robert L. Wichman, WBOYUY

Repeater 22/82
Pat Murphy, W6HXT &
Mollie Murphy, WA6FRC

Repeater 40/00
Pat Murphy, W6HXT &
Mollie Murphy, WA6FRC
Gaylord M. O'Hara, WAORWW

Sincere thanks to all!

LADIES ONLY

Another month with bits and pieces....a potpourri.....

Ah, ah, ah-ah-don't touch that dial-stay tuned for uh, er-not Blondie, but the Eastern Nebraska YL 2-Meter Net. Yes, it still meets at 8:30 p.m. each Monday night on the .40-.00 repeater. From a very reliable source comes the information that a number of OMs do listen, but the number of hams eligible to check in (would you believe the YLs) has been somewhat small. So now that it's fall, let's "fall into the habit" of tuning up for the net.

the way, any YLs And by interested in upgrading? Well, please speak up if you are, because John (WBOCMC) is ready to teach a class for YLs only...yes, a class in which he's willing to explain as many times as necessary so that YLs can really understand the theory rather than simply memorizing it as many of us have done from time to time. The missing link right now is the magic number of 10 interested participants. (He has 7 signed up). Kay Wilson has been handling the list, so call her if you want to be included. Let's get it going now -- to be completed by the time the FCC makes its quarterly visit Omaha in January, 1979. maybe??!!??

Have you heard that the new roster is ready? Yes, and the best friend a ham in the Ak-Sar-Ben Amateur Radio Club ever had-none other than Zita Tesar--sat patiently waiting while our honorable president and his cohorts finished their part-time, volunteer job as key punch operators on the roster "assembly line." As President Jim

Peterson explained it, Zita (as usual) was so efficient that she was well ahead of schedule and was awaiting further action on the project. We all do so appreciate Zita's efforts!

Till next month,

33s Jill, WBØNYH

PRACTICAL APPLICATIONS

This fall will mark another milestone in the Ak-Sar-Ben Amateur Radio Club's history. We will be offering, for the first time, an advanced type of theory applications class called---Practical Applications.

The new course will begin at 7:30 P.M. on October 5, 1978, at the JCC. Signs in the lobby will inform you of room location. Registration begins promptly at 7:30 p.m. and a charge of \$5.00 for the facility will be assessed.

The goal of the course will be primarily to make everyone aware of techniques and procedures which will make their hobby more interesting, with emphasis on everyday "shack" problems.

Practical uses of digital and discrete electronics will be discussed, circuits designed and analyzed, and project boards constructed.

Suggestions for topics to be covered will be solicited, with the students questions and solutions to problems of prime concern.

Come and make this course a success, learn new methods and sha your old ones.

Remember, Thursday, October 5, 1978-7:30 p.m. at the JCC.

Frank, WAØIWF

HAM RADIO CLASSES

Sponsored by AK-SAR-BEN Amateur Radio Club,Inc.

AT THE JEWISH COMMUNITY CENTER 333 SOUTH 132 STREET

Novice and General Classes Begin Thursday, October 5, 7:30 P.M.

In November classes are Mondays and Thursdays, at 7:30 P.M.

Classroom registration fee of \$5:00 payable first class to

FOR FURTHER INFORMATION CONTACT:

AK-SAR-BEN AMATEUR RADIO CLUB, INC. P.O. BOX 291 DOWNTOWN STATION 68101

OR PHONE

THE JEWISH COMMUNITY CENTER 334-8200

WOW, WHAT A SIGNAL! By Joe Niemann, WBØFWB

Very few members of the Ak-Sar-Ben Amateur Radio Club have availed themselves of a great opportunity the chance to operate an excellently outfitted amateur radio station. To prove the point, just glance at the log in the club station, the Leo I. Meyerson Communications center at the Jewish Community Center in Omaha.

The equipment inside the station is probably comparable to a number of ham stations in the area. But it's the antenna system which makes the station hard to beat.

Deciding to throw all caution to the wind, I entered the station one day in August to try my luck. After refamiliarizing myself with the equipment, I quickly tuned up the rig (that takes about five seconds) and started listening on 20 meters to learn what was on. My first contact? It was a rather sought after station, a DA1 operating on Alard Island as a portable OHO. Now that's not the rarest of DX by any means, but you just don't find too many of them nowadays. The '78 callbook lists 28 licensed amateurs on the island, which, by the way, is located off Finland.

After using a ground mounted vertical for the past seven years, it was a pleasure to be one of the "big boys" for a change.

But perhaps the greatest indication of the station's capabilities came on 40 meters, where that big KLM 4-element beam at 67 feet puts out a signal like gangbusters. Most of the hams I know use a dipole, inverted vee or a vertical for 40. Some of the comments I received on QSL cards from 40 meter contacts while using the club station give a good indication of what that beam can do: "Beam sure packs a wallop" (Texas); "Wow, what a signal, Broadcast quality" (Illinois); at "Best signal heard all over the country" (Texas).

And, of course, then there was the 5-9+ signal on 40 from Panama. (All of my contacts were on sideband, on all bands.)

Now, if I only had room on my lot (and the neighbors would put up with it) for a 4-element 40 meter beam at 67 feet, a 6-element monobander at 67 feet for 20 meters and a log-periodic at 75 feet for 10 and 15 meters, then.....

TNX FROM FRANK

I would like to take this opportunity to thank the Club members and officers for the beautiful plaque presented to me in recognition of my tour as the Club Station license trustee. I want everyone to know that I appreciate the thought and trouble that went into the award.

Thanks to one and all!
Frank Taylor, WØGOJ







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- Make sure there's more than enough clearance for carrying, raising or lowering the tower. It's easy to misjudge this clearance.
- Erect the antenna or tower far enough away so that it will not hit any power line if it falls.

If power lines are a possible hazard, call OPPD. We are interested in your safety.

OMAHA PUBLIC POWER DISTRICT

IT SHOULD BE H. R. 13015

Well, it finally happened — a blunder in a story I wrote which appeared in the September, 1978 issue of HAM HUM.

In the story, I referred to a bill, introduced in the U. S. House of Representatives, which would rewrite the Communications Act of 1934. The bill was incorrectly listed in the first paragraph as H. R. 10315. It should have been H. R. 13015. The final paragraph of the story had the correct number.

It would be nice to say the print shop made the mistake, but I can't find my carbon copy, so I must place the blame on my shoulders. (Actually it was my typewriter's fault.)

Anyway, thanks to "eagle eye" Sam Kaplan, WDØBVH, for detecting my error. Needless to say, it probably will happen again.

73s Joe Niemann, WBØFWB

(Editor's Note: Sorry, Joe. It was a print shop error — not yours. We do have a copy of your article and it was correct. On the other hand, complaints about errors have one very satisfying bit of information about them. They serve as evidence of not only readership but reader interest.)

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ON:

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- Remove the caps from both batteries to allow the dangerous gases to escape.
- Connect the red clamp of the jumper cable to the positive (+) pole of the dead battery.
- Connect the other end of the same cable to the positive pole of the booster battery.
- Connect the second cable to the negative (-) pole of the booster battery.
- Finally, clamp the other end to the engine block of the vehicle with the dead battery on the side away from the battery.

The stalled car and the car containing the live booster should not touch in any way. The clips on the red cable should not make accidental contact with any part of either dand smoking should not be done while working with the cables.

After starting the disabled car, first remove the cable from the engine block, then the other end from the booster battery. Now disconnect the red cable first from the now recharging battery, then from the booster battery.

These procedures can be used on most vehicles but may not always apply to foreign cars or U.S. models built prior to 1953. In these cases – or whenever there is any doubt, consult the owner's manual for direction.

From RF, Orange County ARC



HAM HUM SWAP

NO CHARGE FOR SWAP ADS (NON-COMMERCIAL) SUBJECT TO SPACE LIMITATION. MUST BE SUBMITTED IN WRITING TO P.O. BOX 291. SEE COPY DEADLINE PAGE 2.

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John D. Snyder, WOWRT, 3221 So. 45 St.,

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FOR SALE: Heathkit HP-23A power supply for HW 101 series radios-\$40.00;

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Omaha, NE 68114; phone 391-3782

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tions and less than 10 hours, operation, Like new,

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Dave Smith, K3CRF; phone 291-1436

FOR SALE: Tempo One Plus; Tempo 100w 2m linear with PS; Kenwood

TR-2200; Yaesu FT-7 mobile Xceiver; Yaesu YO-100 monitor scope;

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John Leeder, WØUFD, 1123 S. 50 St., Omaha, NE 68106; phone 556-9687

FOR SALE: Hallicrafters FPM300 5 Band HF transceiver, solid state except

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Ed Sullivant, WB5MAP, 1112-17 Ave. Plattsmouth, NE 68048; phone 296-4977

BARCAINS: Hygain 10-40 meter vertical 14AVS-\$10.00;

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John Gebuhr, WBOCMC; 553-6414

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