



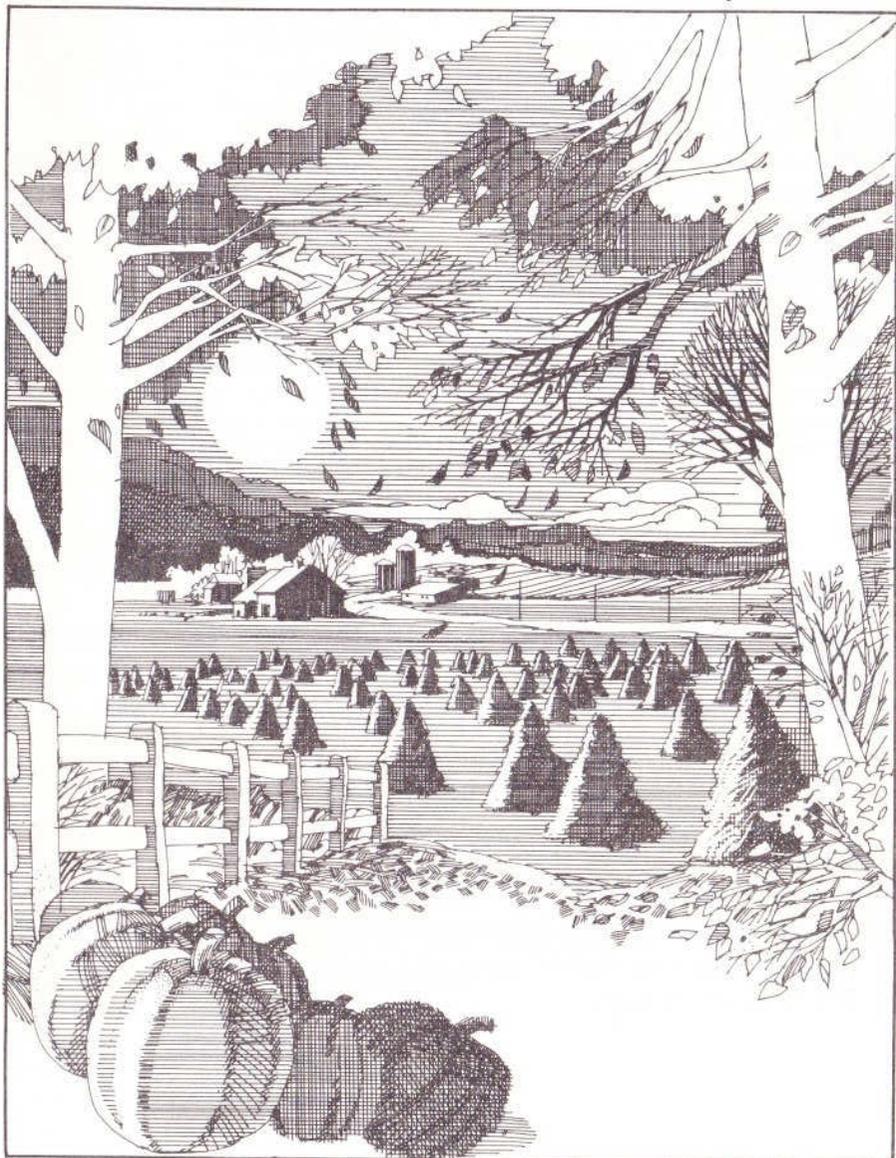
HAM HUM

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



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No. 10

October 1982



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AK-SAR-BEN AMATEUR RADIO CLUB,
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Copy deadline for Nov. is Oct. 22nd

Dues-Quarterly Basis (For each quarter or part thereof for balance of calendar year.)

New member initiation fee ... \$1.00

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Regular member and spouse .. \$3.60

Student member \$1.05

Dues-Annual Basis

(Due and Payable each January 1.)

New member initiation fee ... \$ 1.00

Regular member \$10.00

Regular member and spouse . \$12.00

Student member \$ 4.00

NEXT MEETING

WHEN: FRIDAY, October 8, 1982

TIME: 7:30 P.M.

WHERE: HEARTLAND CHAPTER
AMERICAN RED CROSS
38th and DEWEY AVENUE
OMAHA, NE 68105

PROGRAM: Electronics Aids to Aviation
by Kay Ramsey, WØSBZ

COME ON OUT TO THE MEETING—BRING ANOTHER PERSON WITH YOU—PLENTY OF REFRESHMENTS AND EYE-BALL QSO'S DURING THE SOCIAL HOUR...

THE PREZ SEZ

Many, many "Thank You's" are in order this month for all of you who sent get well cards, phoned, or wished me well over 2 Meters.

Anyway, I am back and feeling better now. I want to give special thanks to N0ANQ—Bill Martin, who took the job at a minute's notice and wrote this column for me last month. Thanks again, Bill.

Also, a belated "Thank You" to WB0NVL—Chuck Hoffman, a member of the Executive Board, who indicated at the August, 1982 Board Meeting that due to conflicts with his endeavors of obtaining his college degree through night school, he would not be able to be active as a Board member, for the balance of his term. Many thanks, Chuck, for your time and effort on the Board and may your pursuit of higher education be rewarded.

By the time you read this our First Annual Club Dance/Social will be history. However, I am

sure that from the time and effort of WB0JPN—Jim and crew, it will be successful. Again, my thanks, Jim and all!

Your Nominating Committee has been assigned and are hard at work at the annual chore of selecting the nominees for your consideration in accordance with the Articles of Incorporation and Bylaws of the Club. This is a difficult task at best, so if by chance you are called, I would hope you would give serious consideration and agree to serve in the capacity requested. What better way to return something to "Your Club" than through service!

Don't forget our October Meeting will be back at the Red Cross Chapter House at 7:30 p.m. on October 8. We'll plan on seeing you there, 73's,

de Walt—KA0DMB

MINUTES OF THE BOARD OF TRUSTEES MEETING held on September 14, 1982, at the Blue Cross/Blue Shield Building, Omaha, Nebraska at 19:30 hours.

Present were: President, Walt Brown, KA0DMB; Vice President, Bill Martin, N0ANQ; Jim Sanford, N0AIH; Mitch Gagne, N0AZF; Ray Fink, WD0GIL; Lysle Renne, N0CKH; Frank Bruner, K0SST; Fred Genovesi, KA0KDJ.

Minutes as printed in the September, 1982, issue of Ham Hum were amended to authorize the Treasurer to purchase a \$2,000.00 30 mo. CD at 12%.

The Treasurer's report was approved.

Moved and seconded that the Treasurer's Roster report be tabled until the October Board Meeting.

Moved and seconded that in the November, 1982, issue of Ham Hum there be included a full page ad in the centerfold announcing that dues are due, showing a dues schedule, and that there be also included a

business reply type self-addressed envelope for the convenience of mailing in the dues payments by the members.

Moved and seconded that the Field Day 83 report be tabled.
(refer to 8/22/82 letter from WAØGEH)

It was moved and seconded that:

In consideration of correspondence from WAØGEH dated August 22, 1982, the following is presented to the Executive Board.

- a) the donation of the Progress-Line portable transceiver, two Ringo antennas, and two 100 ft. coils of co-axial cable (Belden 8214) be accepted.
- b) The Board cause the Secretary to send a letter of appreciation to the donor.
- c) The donated equipment be assigned as follows:
 1. The co-axial cable and antennas be assigned to the antenna trailer.
 2. The transceiver be sold at the 1983 Ak-Sar-Ben ARC auction.
 3. The proceeds of sale be applied toward the purchase of a new solid-state multi-channel portable repeater.
 4. At the time the new portable repeater is operational, the co-axial cable and antennas be reassigned to insure a complete operational portable repeater system.

Moved and seconded that the Board go into Executive Session, after which it was moved and seconded that the Board resume regular activity.

Moved and seconded that a Special Board meeting be held on September 25, 1982, at which John Gebuhr, WBØCMC would be invited to attend for questions and answers pertaining to 34/94.

Meeting was adjourned at 21:20 hours.

Respectfully submitted,
Lysle Renne, NØCKH
Secretary

8/22/82

Jim, NØAIH
Equipment Committee Chairperson

Dear Jim,

Thanks for the **huge effort** to prepare a much needed inventory list for the Club.

To simplify your bookkeeping, I would like to donate the Porta-Peater (proper spelling, Hi) and the two Ringos to the Ak-sar-ben Amateur Radio Club for whatever use or disposition the club sees appropriate.

73's
Marty Griffin
WAØGEH

LETTER TO THE EDITOR

September 15, 1982

Dick Eilers WØYZV, Editor
Ham Hum
P.O. Box 291, Downtown Station
Omaha, Nebraska 68101

Dear Dick:

I just could not read the article on the National Convention in September Ham Hum without passing on my comments.

I enjoyed the article, especially since I know about 90% of the persons mentioned. I have been attending the Midwest Division Convention every year for the last ten years and that Omaha bunch of convention-goers are the greatest! The year Marty Griffin WAØGEH co-chaired the event at Omaha, I was there, and am looking forward to when your Club again sponsors the Division Convention.

My only comment to Dick KØDG is that he stated my home QTH was Minneapolis—NO WAY! I live across the river from that suburb in the capital city of St. Paul.

73,
Marv, WØMGI
(Marvin A. Mahre)

8/25/82

Dear Dick —

I will be operating as W2WSE/VP9 (Bermuda) from Nov. 10 to Nov. 20 — low power SSB mainly on 15 & 20 meters. will be listening for Ak-Sar-Ben A.R.C. members.

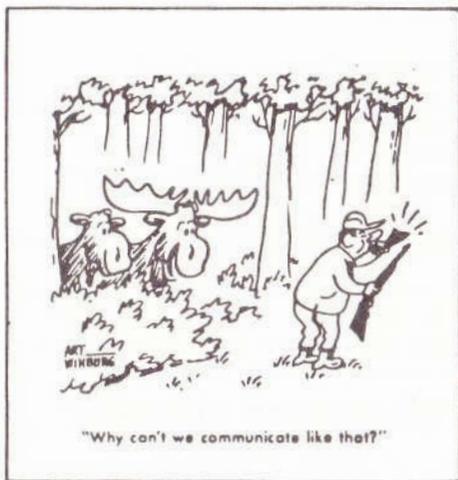
73,
Dave Benton

OBSERVATIONS!

I have been receiving information on new licenses for a long time but I just noticed how well some clubs are doing.

Nebraska didn't fare too well lately. For licenses (on tests about the end of March, 1982), now Minnesota leads the pack, with Missouri and Colorado close behind. Even Iowa was double that of Nebraska. A real eye-opener was the city of Aurora, CO had only ONE LESS than the complete state of Nebraska!!! They must have a real swinging club. Probably members beating the bushes for prospects would help as AK Club has a good group of teachers!

de WØJJK
Alan McMillan



— VFW MAGAZINE

ELMERS CORNER
(Bob Lockwood WAØDHU)

The following Elmers are waiting to assist anyone
 who needs an Elmer.

Please refer to the subject areas below.

Joe Eisenberg WAØWRI 6627 Colby Lincoln, NE 68505 464-8882	A 3, 4, 6 C 1, 2 D 8 E 5
Ley Applegate WDØENB 5033 S. 90th Omaha, NE 68127 339-4985	A 1, 2, 3 B 3 C 4
Phil Trainer WBØWYE 11130 Leavenworth Omaha, NE 68154 333-6677	A 1, 2, 3, 6, 8, 9
Bill Martin NØANQ 4517 N. 61st Omaha, NE 68104 451-4988	A 1, 2, 3, 4, 5, 6, 8, 9 B 1, 2, 3 C 1, 4 D 2, 6 E 3, 6, 7
Lloyd McElhaney KØDKM 12620 Glendale Plaza Lot #367 Omaha, NE 68164 496-0549	A 1, 2, 3 E 1, 3

(See opposite page for explanation of numbers)

CHANGE OF ADDRESS

Elliott Hamilton WA9JIQ
1521 N. Windsor, #316
Arlington Hts., IL 60004

DONATIONS

Ham Hum Postage
John Kasal WØSPD

A How to use an:

- 1 Oscilloscope
- 2 VTVM
- 3 VOM
- 4 Field Strength Meter
- 5 Balanced Bridge

How to Design/Build:

- 1 Audio Circuits
- 2 RF Circuits

C How to Operate:

- 1 RTTY
- 2 SSTV
- 3 ATV

D How to:

- 1 Convert 11-Meter CB to 10-Meter Amateur
- 2 Build/Tune Antennas
- 3 Design Tower Bases
- 4 Erect Towers

E How to Increase Skills in:

- 1 CW Operation
- 2 Contesting
- 3 Traffic Handling
- 4 DXing

- 6 Frequency Counter
- 7 Spectrum Analyser
- 8 Signal Generator
- 9 Watt Meter
- _____

- 3 Digital Circuits
- _____

- 4 Home Computer
- _____
- _____

- 5 Guy Towers
- 6 Install Grounding Systems
- 7 Eliminate TVI
- 8 Fight Cable TV
- _____

- 5 Repeater Operation
- 6 EME
- 7 FCC Regulations
- _____

Q and A

Question: If I were blind could I continue to receive QST?

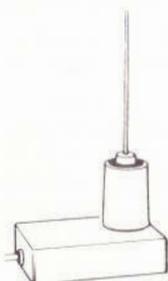
Answer: Yes, QST is available in audio form through the NLS, Nebraska Library Commission, which provides talking books. QST is on a nine-inch flexible disc that is run at 8 RPM. That's odd! No problem. The NLS furnishes and repairs the player that will take this odd speed. The Bell Pioneers do the servicing. Some parts of QST are omitted, i.e. want ads, advertisements, in order to concentrate on the articles. The radio diagrams are described as are photographs. THIS IS A VERY VALUABLE SERVICE TO THE BLIND!

73's KØQVL
Charlie on Charles

Larsen Kūlrod Antennas

offer amateurs all the advantages enjoyed by the commercial two-way radio field.

The Larsen Kūlrod® Antenna was initially designed to be a superior antenna for the highly competitive commercial 2-way radio market. Today, Larsen antennas are in the forefront for both the commercial and amateur fields because they combine top performance with long range dependability.



Magnetic Mount

Super-Efficient Air Wound Coils.

Larsen's loading coils are air wound for the most efficient transfer of communication energy. No power absorbing coil form is used. The base loading coil, when used, is made of extra heavy wire to stay in position and will not detune with years of use. Cutting the antenna rod, by following the instructions and cutting chart accompanying the antenna, assures lowest V.S.W.R.



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(712) 323-0142

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Trunk Lid Mount

Streamlined Appearance.

Larsen Kūlrod® Antennas are designed for eye appeal with a neat, low profile base that blends with today's vehicles. An occasional wipe with a soapy cloth will keep the entire antenna looking new and shiny. The special platings on mount hardware add to the appearance and keep corrosion build-up to a minimum.

Kūlrod® is a registered trademark of Larsen Electronics, Inc.

AND FOR COMMERCIAL USERS

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8833 "J" Street
Omaha, NE
(402) 331-8853

Mobile Communications, Inc.
1713 Webster
Omaha, NE
(402) 341-1529

RB Associates

R. H. BRENNEMAN

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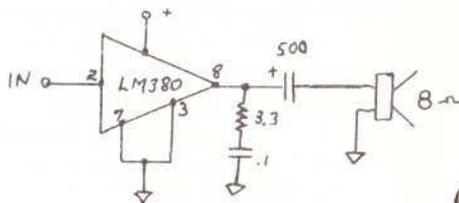
Items for Sale from the Estate of Loyson Troth, KØBRS of 2524 Franklin Street, Bellevue, NE 68005.

Contact: Leo Connolly KØJIU, 545-3070 or Al McMillan, 323-9737 or 323-0142.

ITEM	I	ITEM
SENCORE DIGITAL VOLT METER	I	RCA WV99A VTVM
B & K E2000 SIGNAL GENERATOR	I	B & K 3050 AUDIO GENERATOR
BIRD HAMMATE #4630	I	SENCORE FC45 COUNTER
SENCORE TC162 TUBE TESTER	I	CENTRONICS 20A & LAKESHORE VFO
GLOBE KING 500C TRANSMITTER	I	COLLINS R-380 RECVR. (51J1)
NORTHERN OSCILLATOR	I	CENTRONICS SIGNAL SLICER (SSB)
AMECO (N144 & PS)	I	COLLINS 3291 XMTR. & AC/PS.
TENTED KEYS KR40	I	DENTON SUPER TUNNER
DRAKE R4 RECEIVER	I	DRAKE TR22C (2NTR)
NPC 4 AMP./12 V. POWER SUPPLY	I	MODEL 15 KSR TTY
MODEL 28 KSR TTY	I	MODEL 14 RO PERFORATOR
MODEL 14 TAPE DISTRIBUTOR	I	EICO 95.0P R/C TESTER
HEATH AM-ANTENNAE SCOPE	I	B & W 600 GRID DIP METER
SIMPSON 260 VOM	I	GONSET 151 FM T/R (MARS REPTR.)
SEARS REEL TO REEL TAPE RECORD.	I	SONNY REEL TO REEL TAPE RECORD.
VARIAC TYPE 150VB 0-135 VOLT	I	ST-5 TTY CONVERTER
CLOCKS	EA. I	TOWER AND ROTOR
MISCEL. ANTENNAES	I	SMALL PARTS
HAND TOOLS	I	CHASSIS PUNCH SET
MISCEL. RADIO PARTS, TUBES, COAX, ETC. ETC		

UNIVERSAL AUDIO AMPLIFIER

Here is a neat little amplifier that will serve many purposes around the shack. It only requires a 1/2 watt drive for about 2 watts out. It will operate from 9 to 15 volts and can be built up on a Radio Shack Universal P.C. socket board. The whole thing only requires 4 parts. Most of them are available in any good junk box. Thanks to Marissa ARC Harmonics.



HAM HUM SWAP

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

WANT TO BUY: Couple 50 watt 20K wire-wound adjustable resistors.
Frank Dyba WØUSU, 556-9179.

FOR SALE: 40 meter Beam: Bird Model 74 antenna switch.
Bernie WBØEYT, 731-0128.

THE GROUND WAVE

SUPER RECEIVERS AND SUPER AMPLIFIERS

If you read both QST and HAM RADIO magazines, you have probably noticed the articles on high performance receivers. Years ago we simply applied the axiom, "If you can't hear 'em, you can't work 'em — but you are also hearing many other signals at the same time. Sensitivity is no longer the most important characteristic of a good communications receiver. Whether we like it or not, we have to learn about "receiver noise" and "desensitization" by strong adjacent signals, intermodulation distortion (IMD); plus the matter of "dynamic range."

A fascinating (if hard to understand) article on receivers appears in November HAM RADIO by Ulrich Rohde DJ2LR. His receiver designs have more than bells and whistles; the gimmicks include a microprocessor, no less! If you think a Drake R-7 is expensive, note the \$14,000 to \$20,000 price tag of the Rohde & Schwartz Model EK070!

But, while we are being told of the magical characteristics of the receiver designed for the year 2000, maybe we ought to look at some of the things that create a need for such receiving equipment. Besides reading HAM RADIO, we also read the "Yellow Sheet" to see who is selling what and for how much. Want to buy a linear amplifier?

One is advertised "SUPER LINEAR," pair 4-1000's...and goes for \$1,500, including a 300# power supply (a cart should be included to avoid a hernia). A second offering described as "CONTEST LINEAR," 3CX3000H7 with two variable vacuums, roller inductor, two vacuum relays, remote blower system...runs cool at legal limit. Price \$1,200.

Maybe we are looking at progress the wrong way, but doesn't it seem ridiculous to work our way up to \$15,000 receivers so we can cope the QRM caused by illegal super-power linear amplifiers?

by George H. Goldstone W8AP
de D.A.R.A. Bulletin

Through World Radio and now through HI, Inc., Al McMillan has had his ad in this space. We really do not know how long but it started soon after Ham Hum was born (1951).

On behalf of Hum Hum and the Club "Thank you, Al, and HI, Inc. for your continued support."

May we continue to support him. The only message Al has for us this month is to come in or call. The biggest discounts ever will be available at HI, Inc. in October.

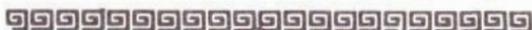


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