



# HAM HUM

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

October 1983



Vol. XXXIII  
No. 10



Admiral Jim Sanford, NØAIH, proudly displays the framed copy of his new Commission.

**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.

Full permission is granted for reprinting articles appearing in this official organ provided a credit line is given to HAM HUM and in reprinting, to the author and publication from which the article was taken.



#### 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

Published by:  
AK-SAR-BEN AMATEUR RADIO CLUB,  
INC.

Post Office Box 291  
Omaha, Nebraska 68101

President ..... Bill Martin, N0ANQ  
Phone: 451-4988

Editor ..... Dick Eilers, W0ZYV  
Res.: 397-3999  
Phones: Bus.: 342-1402  
X-200

Assistant Editor ..... John Snyder,  
W0WRT

Res: 556-1538  
Phones: Bus: 390-4622

**Copy Deadline for Nov. is Oct. 21**

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

New member initiation fee	..... \$1.00
Regular member	..... \$3.00
Regular member and spouse	... \$3.60
Student member	..... \$1.05

---

---

## NEXT MEETING

WHEN: Friday, October 14, 1983

TIME: 7:30 P.M.

WHERE: Heartland Chapter  
American Red Cross  
38th and Dewey Avenue  
Omaha, NE 68105

PROGRAM: Olie Olson KA0JNS — "Radio-Controlled Models and Aircraft"

\*\*\*\*\*

## PREZ SEZ

Here it is October already---time to make those final adjustments to your antennas before the snow flies.

Don't forget the special November program with the Strategic Air Command tour. If you haven't already, give Ray Fink, WDØGIL a call and get your name on the list. There is limited space so don't wait.

At the regular November meeting we will have our "Awards Night" as well as a fine program. Announcement of nominees for new officers will also be made that night.

The Christmas Party is also fast approaching. If you are going to participate in the gift exchange, better start your shopping early and beat the rush.

Again, take some advice from Jim Sanford's excellent program and check your tower before winter gets here.

See you at the meeting.

de Bill NØANQ

\*\*\*\*\*

## COVER STORY

Jim Sanford, NØAIH, was officially commissioned an Admiral in the Navy of Nebraska at the September Meeting.

Presenting the Commission was Walt Brown, KAØDMB, who stood in for Governor Kerrey of Nebraska.

de Mitch NØAZF

\*\*\*\*\*

## DX INFORMATION NET

Anyone interested in the exchange of DX information is invited to participate on KØBOY/R, 145.45 Mhz on Tuesdays at 8:00 p.m. local time.

No special requirements except an interest in DX (mainly HF, but UHF and satellite also discussed).

Join the group and add to your country totals.

de Steve KØHRF

\*\*\*\*\*

**BOARD OF TRUSTEES MEETING**  
**6 September '83**  
**Bill Martin Residence**

President Bill Martin called the meeting to order at 1905 hours.

Present were: Bill Martin, NØANQ; Brian Zdan, KMØY; William (Duke) Humphrey, WDØEWH; Richard Fehrman, KAØAAB; Ray Fink, WDØGIL; Marlene Jugel.

Treasurer's report was approved as presented by Treasurer Richard Fehrman.

Ray Fink reported on the tour of SAC Headquarters.

Brian Zdan reported the paperwork to receive a non-profit status for the Club is almost complete.

Meeting adjourned at 1930 hours.

Respectfully submitted, Ray WDØGIL

\*\*\*\*\*

**GENERAL MEMBERSHIP MEETING**  
**Red Cross Chapter House**  
**39th & Dewey**  
**9 September '83**

The meeting was called to order at 1935 hours by President Bill Martin. Vice-President Dave Hamilton lead those in attendance with the Pledge of Allegiance.

Each member introduced himself and his guests.

The treasurer's report as presented by Treasurer Richard Fehman was approved.

Committee reports were given.

Certificates of Appreciation were passed out to those who worked the Offutt AFB open house.

Also, Certificates of Appreciation to those who worked the 150 mile Bike-A-Thon in June.

Vern Wirka, WBØGQM and Sandy Hamilton, NØCLQ, were given Certificates of Appreciation for their part in the KFAB tour and dinner that followed at the Bellevue Queen.

Dave Hamilton presented Jim Sanford, NØAIH. Jim gave a very interesting program on figuring the proper basing and guying of a tower.

Meeting adjourned at 2100 hours.

Respectfully submitted, Ray WDØGIL

\*\*\*\*\*

## DONATIONS

34/94

Fred Genovese KAØKDJ  
Paul May WDØHRG

### Ham Hum

Millard Edgerton WA6VZZ  
R. Snodgrass

### 34/94 Special Donation

Dave Hamilton NØCLW  
Lloyd McElhaney KØDKM  
Frank Bruner KØSST  
Jim Sanford NØAIH  
Sam Kaplan WDØBVH  
Chuck Peaker KCØDB  
Dick Jugel KØDG  
Jim Peterson WBØQGV  
G. O'Harrow WBØPPF  
Bill Martin NØANQ

\*\*\*\*\*

## ARRL RENEWALS OR APPLICATIONS

Renewing your ARRL membership or joining the ARRL? Let the Club send in either and we receive two dollars of the amount. (This applies only on yearly subscriptions — not Lifetime members.)

Send (or give to the Treasurer at a meeting) the renewal notice and check for the dues to the Club address and the Treasurer will take it from there. New applications are handled in the same inner.

There can be no easier way for the Club to pick up a little extra.

\*\*\*\*\*

## DUES CAN BE PAID NOW

Dues for '84 can be paid anytime. From the By-laws: "...if dues not paid in full by March 31 membership will become inactive and name will be removed from all mailing lists."

No increase in dues at this time.  
\$10 = regular member; \$4 = student (full-time); \$2 = XYL.

\*\*\*\*\*

## ANNOUNCEMENT

"Midlands ARES has scheduled October 9 as the date to assist Multiple Sclerosis in their annual Bike-A-Thon between Boystown and Linoma. Anyone wishing to assist in this public service event should contact Duke Humphrey at 455-5402. Everyone is welcome."

\*\*\*\*\*

## LETTER TO THE EDITOR

9/10/83

Dear Dick —

I will be operating portable VP9 in Bermuda from Nov. 1 to Nov. 14 — daily, on or near 14.300 Mhz at 1700Z and will keep an ear open for Ak-Sar-Ben A.R.C. members.

73,

Dave W2WSE

\*\*\*\*\*

## SAC TOUR AGENDA Nov. 15, 1983

5:45 PM Arrive at SAC Headquarters  
6:00-6:05 Welcome and Introduction  
6:05-6:55 SAC Today

### GROUP A

7:05-7:45 Command Control  
7:55-8:35 Soviet Military Capabilities

### GROUP B

7:05-7:45 Soviet Military Capabilities  
7:55-8:35 Command Control  
8:45 Depart SAC Headquarters

\*\*\*\*\*

## HEADQUARTERS STRATEGIC AIR COMMAND TOUR PROGRAM INFORMATION

**Briefing Facilities:** Briefing facilities are widely separated. Guests will be required to walk up and down six (6) flights of stairs and many corridors. It is, therefore, incumbent upon sponsors to point this out to potential guests so that those with physical limitations may recognize the required walking portion of the tour before they arrive at the headquarters.

**Photography/Tape Recorders/Paging Devices:** No cameras, tape recorders or paging devices are allowed during the tour. Should guests bring cameras, recorders, calculators or paging devices, they will be held for them until the tour is completed.

**Identification:** Each member of the group will be required to produce two items of identification when entering the headquarters building. It is required that, if possible, one item of identification have a photo or signature on it.

**Handcarried Items:** Handcarried items are subject to search by authority of Section 21, Internal Security Act of 1950, United States Code 797.

**Weapons:** No weapons of any kind are allowed.

**Dress:** Attire appropriate to visiting a major military command headquarters is requested, i.e., no cut-offs, short-shorts, tank tops, halters, etc. Individuals inappropriately attired may be refused entry into the headquarters facility by the Security Police.

**For Information:** Contact Ray Fink, WDØGIL, Home Telephone 1-296-5131; Office 294-2180.

**Program Content:**

**SAC Today**

A 50-minute briefing detailing current SAC strategic forces, aerial refueling capabilities and strategic reconnaissance. Also included is a look at the ongoing modernization of these systems.

**Soviet Military Capabilities**

A 45-minute presentation of the strategic posture of the Soviet Union.

**Underground Command Post**

A 45-minute visit to the focal point of command control in SAC during which guests receive a briefing and demonstrations of how SAC operational forces are controlled.

(See map on page 8)

\*\*\*\*\*



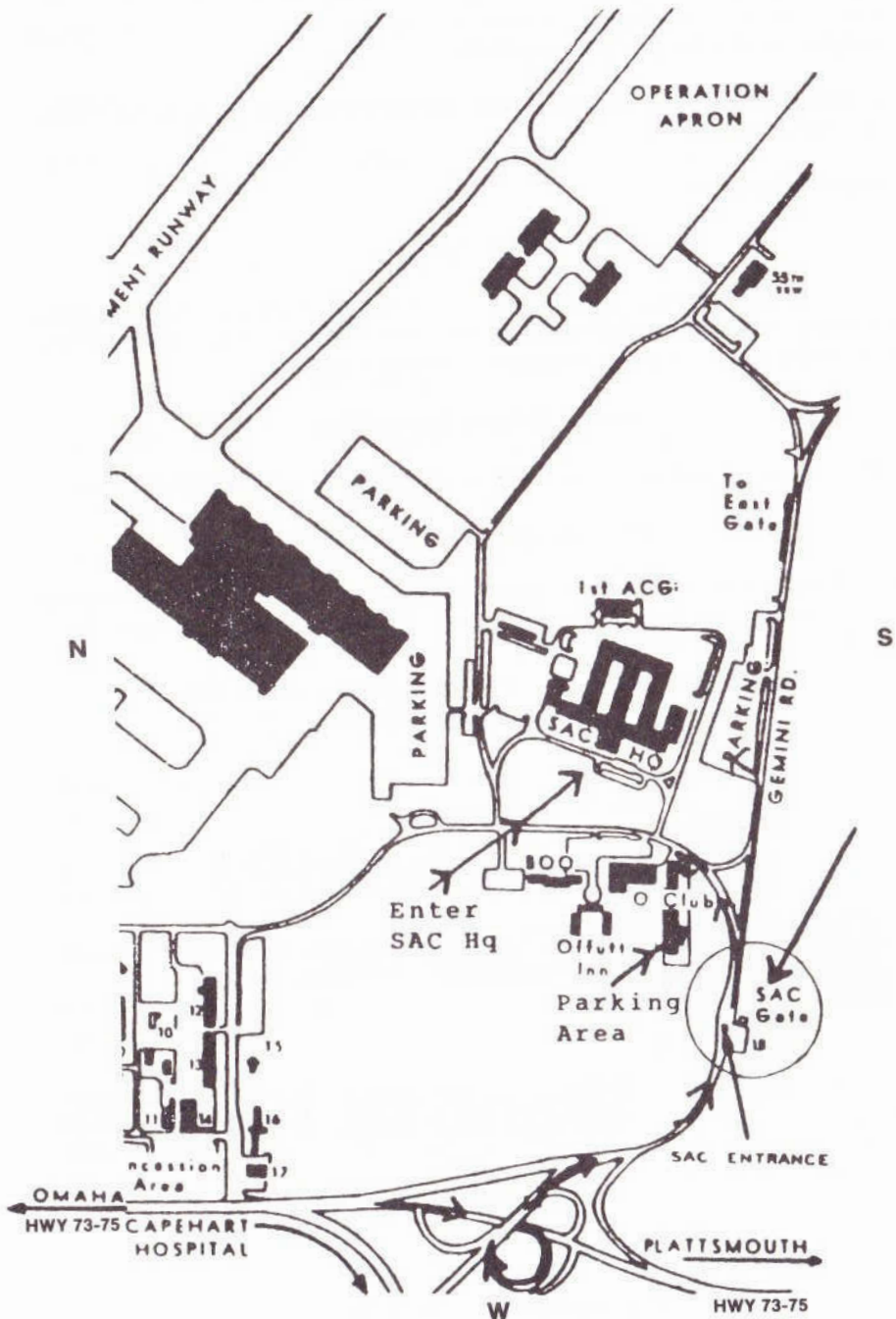
**Need help?  
Call us.**

**Want to help?  
Call us.**

**Red Cross is counting on you.**

# OFFUTT AIR FORCE BASE

E



\*\*\*\*\*



Some behind the scenes candid shots from Bryan Zdan KMØY of some of the fellows who put together the Repeater Telecommunications Net on September 1.

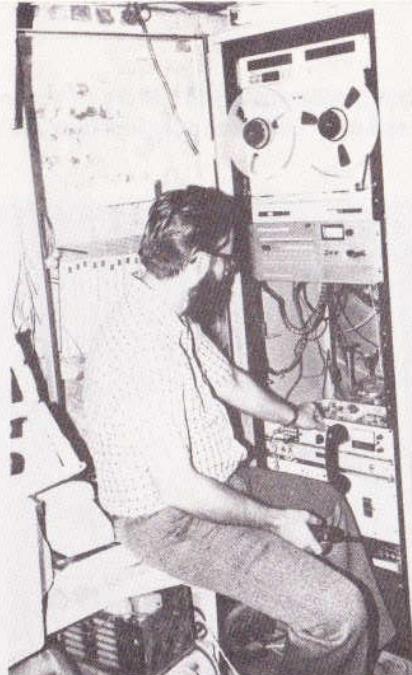


Outside the WBØCMC/R repeater site: John Gebuhr, WBØCMC; Steve Matthews, KCØAN; Jim Sanford, NØAIH; and Mitch Gagne, NØAZF.



Discussing plans prior to the Sept. 1 Teleconference Net.

(Continued on next page)



Top left:  
Take that, kerchunkers! With the push of a few buttons, John Gebuhr shuts off all of the inputs to the WBØCMC/R repeater before the Teleconference Net.

Top right:  
NØAIH chatting with Sen. Barry Goldwater, K7UGA, via 220 and the Teleconference Net.

Bottom left:  
Listening to the Net.

## OUCH!

This Ham is sitting at his desk answering a letter from his Insurance Company:

"I am writing in response to your request for additional information for block No. 3 of the accident reporting form. I put 'poor planning' as the cause of my accident. You said in your letter to explain more fully, so I hope the following details will be sufficient.

"I am an amateur radio operator, and on the day of the accident I was working alone on the top section of my 80' tower. When I had completed my work, I discovered that I had, over the course of trips up the tower, brought up over 300 lbs of tools and hardware. Rather than carry the now unneeded material down by hand, I decided to lower the items down in a small barrel by using a pulley which was attached to the gin pole at the top of the tower. Securing the rope which was at ground level, I went to the top of the tower and loaded the tools and material into the barrel. Then I went back to the ground and untied the rope, holding it tightly to insure a slow descent of the 300 lbs of tools. You will note in block No. 11 of the report form that I weigh only 155 lbs. Due to my surprise of being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded at a rapid rate of speed up the side of the tower. In the vicinity of the 40' level, I met the barrel coming down. This explains my fractured skull and broken collarbone. Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley. Fortunately, by this time, I had regained my presence of mind and was able to hold onto the rope in spite of my pain. At the same time however, the barrel of tools hit the ground and the bottom fell out of the barrel. Devoid of the weight of the tools, the barrel now weighed 20 lbs. Refer again to my weight in block 11. As you might well imagine, I began a rapid descent down the side of the tower. Again at the 40 ft level I met the barrel coming up. This accounts for the two fractured ankles and the lacerations of my legs and lower body. The encounter with the barrel slowed me enough to lessen my injuries, when I fell onto the pile of tools, and fortunately only 3 vertebrae were cracked. I am sorry to report however, that as I lay there on the tools, in pain, unable to stand, and watching the empty barrel up there 80 feet above me, I again lost presence of mind. I let go of the rope...."

Contributed by NØAIH

\*\*\*\*\*

## *RB Associates*

R. H. BRENNEMAN

COMMUNICATIONS CONSULTANTS  
ENGINEERING SERVICES  
(712) 323-1390

W Ø U Q J

933 GAK PARK ROAD  
COUNCIL BLUFFS, IOWA 51901

## BELLEVUE ELECTRONIC EQUIPMENT SERVICE

A Division of Lincoln Communications, Inc.

**James R. Nelson**  
COMMUNICATIONS ENGINEER

2317 Lincoln Road  
Bellevue, NE 68005

(WØØDQL)

24-Hour Service  
292-9292

## Mahre & Sons Print Shop

### QSL CARDS

Send a #10 (business size) addressed envelope with 37¢ postage attached for your free samples, price list and catalog.

2095 Prosperity Ave.      Maplewood, Minn. 55109  
Marv Mahre WØMGI      (612) 777-6463



## IMPERIAL MOTEL

110 NEBRASKA STREET • SIOUX CITY, IOWA 51101

**DON BOUSQUET**  
GENERAL MANAGER

TELEPHONE  
(712) 277-3151



**BRUCE STARKEY**

## BRUCE'S GLASS SERVICE

MOBILE SERVICE

PH. 571-7112



PHOTOGRAPHY

**BOB MILLER**

1524 No. 90th St.  
Omaha, Nebr. 68114

PHONE 397-8853

(KØZLY)

**WORLD**  
Insurance Company

Telephone: Office (402) 342-1402  
Home (402) 397-3999

**Dick L. Eilers**  
President  
WØZV



203 South 18th Street  
Omaha, NE 68102

Your card could be in this spot for  
\$2.50 per month.

# BELLEVUE ELECTRONIC EQUIPMENT SERVICE

A Division of Lincoln Communications, Inc.

2317 Lincoln Road

292-9292

Bellevue, NE 6800

## HY-GAIN EXPLORER™ 14

**Compact, High Performance  
Broadband Tribander  
with Quad-Band Option**

New Para-sleeve design for optimum bandwidth and directivity on 20, 15 and 10 meters. Performance competitive to giant tribanders costing twice as much or more. Maximum output with solid state transceivers. No antenna tuner required. Stainless steel hardware, top grade aluminum, pre-formed element and mast brackets for easy, rugged assembly. Hy-Gain BN-86 balun and multi-beta match included.

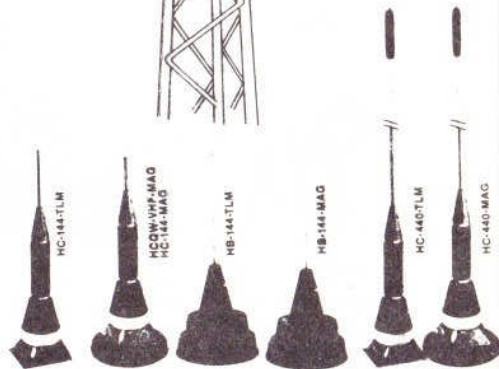
Optional QK-710 kit adjusts for either 30 or 40 meters.

### SPECIFICATIONS

Frequencies of operation	Electrical		
	20M	15M	10M
Under 2:1 VSWR (MHz)	14.0-14.35	21.0-21.45	28.0-29.7
Maximum F.B. Ratio (dB)	27	27	21
Maximum Gain (dB)	5	8.0	8.0
Maximum Power	Maximum Legal		
Lightning Protection	DC Ground		
Mechanical			
Boom Length	14.1' (4.3 m)		
Turning Radius	77.3' (5.3 m)		
Net Weight	43 lbs (19.5 kg)		
Wind Surface Area	7.5 sq. ft. (69 m <sup>2</sup> )		

*Big Red Special*

*7 W Repair  
10% Off Labor  
With Coupon*

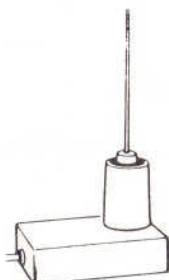


**by-gain**

# Larsen Kūlrod Antennas

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

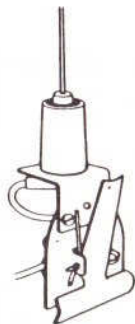
The Larsen Kūlrod® Antenna was initially designed to be a superior antenna for the highly competitive commercial 2-way radio market. Today, Larsen antennas are in the forefront for both the commercial and amateur fields because they combine top performance with long range dependability.



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.



Gutter Clamp

National Electro Craft, Inc.  
3509 Center  
Omaha, NE  
(402) 346-2126

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

## The Kūlrod® Difference.

The Larsen Kūlrod® whip is made of 17-7 PH precision tapered stainless steel for durable flexibility, while minimizing radiation pattern distortion at higher vehicle speeds. It is quadruple-plated with a combination of nickel, copper and chrome for maximum power radiation efficiency. Two set screws keep Larsen antennas double-locked firmly in the base.



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.

Bellevue Electronic Equip. Service  
2317 Lincoln Road  
Bellevue, NE 68005  
(402) 292-9292

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

## HAM HUM SWAP

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

FOR SALE: C-10 Digital Cassettes — 5 for \$4.00.  
75A Pwr/Sup — \$74.50.  
30A Ferroresonant Regulated Pwr/Sup Kit — \$19.50  
Human Response Burglar Alarm — \$2.00  
Toe Finder — \$2.00.  
Rich, WAØZQG, 322-7775

FOR SALE: 40-Meter Beam with Balun — \$95.00.  
Bernie, WBØEYT, 731-0128

FOR SALE: 70 ft. telephone pole  
Dick Eilers, WØYZV, home — 397-3999, work — 342-1402  
\*\*\*\*\*



IT'S OBVIOUS THIS POOR FELLOW DIDN'T HEAR JIM SANFORD'S PROGRAM LAST MONTH.

— EDITOR —

\*\*\*\*\*