



# HAM HUM

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



July 1985

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No. 7



**World Radio founder Leo Meyerson shows off some 1920's items from his collection of vintage electronics equipment. All the devices shown, and more, would have to be combined to equal the functions of the modern clock-radio/telephone at Meyerson's fingertips. Shown (from left) are an amplifier tube; a carbon microphone; clock-radio/telephone of today; radio earphones; a "cathedral" loudspeaker; and a one-tube Crosley Pup receiver.**

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

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Omaha, Nebraska 68101  
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X-200

Copy Deadline for Aug. is July 15, 1985



**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

**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

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## NEXT MEETING

WHEN: July 12, 1985  
TIME: 7:30 P.M.  
WHERE: Heartland Chapter  
American Red Cross  
3838 Dewey  
Omaha, NE  
PROGRAM: Discussion of Field Day and happenings.

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**MINUTES OF THE BOARD OF TRUSTEES MEETING  
June 6, 1985, Red Cross Building  
3838 Dewey, Omaha, Nebraska**

The meeting was called to order by the President, Dave Hamilton, NØCLW at 7:35 PM.

The proposed Club Budget for 1985 was submitted to the Board and approved unanimously.

A proposal was made to change the Board meeting night from the first Wednesday of the month to the first Tuesday and approved unanimously.

Equipment Chairman Chuck, NØAZ reported on the status of equipment for Field Day on June 22 & 23, 1985.

The methods of publishing the Ham Hum in the future were discussed.

Convention Chairman Jim, NØAIH reported on Convention progress.

Meeting adjourned.

Respectfully Submitted  
Virgil Wamsat, KBØBW  
Secretary

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**MINUTES OF THE GENERAL MEMBERSHIP MEETING  
June 14, 1985, Red Cross Building  
3838 Dewey, Omaha, Nebraska**

The meeting was called to order at 7:45 PM by President Dave Hamilton, NØCLW, with the Pledge of Allegiance.

Visitors were presented and introduced themselves.

Motion to accept the minutes of the meeting of the previous month as published in Ham Hum was approved unanimously.

Seven new members were unanimously accepted into membership.

President Dave, NØCLW, handed out awards to those members working the communications for the State Track Meet at Burke High School, also membership certificates.

Scott, WBØQPP, reported on the Club Picnic to be held at Field Day Site, Saturday, June 22, 1985. The picnic is to be potluck.

Field Day Chairman Greg, NØBTN, reported on progress on Field Day preparations.

(Continued on next page)

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Sid, WØWWH, reported on Open House at Offutt AFB on July 7, 1985 and asked for volunteers to handle communications.

Jerry Kohn WDØEGK, from the Lincoln ARC, asked for volunteers to handle communications for the Cornhuskers State Games to be held July 19, 20 & 21. There will be 19 sporting events in 30 locations, from Lincoln to Branched Oak Lake. He needs a total of 50 people.

Vern, WBØGQM, reported on FCC news.

There will be a 3-hour river cruise again this year on Aug. 23 at 7:00 PM at Haworth Park in Bellevue. We will have a live band this year. \$10.00 per person.

A licensing exam will be held at the Red Cross Bldg on July 8. Send check and application to Brian Zdan, KMØY.

If you are a Shriner, you are needed for a Communication Club that is starting. Contact Dick Eilers, WØYZV.

Jim, N5DZZ, reported on Auction receipts and handed out awards for those helping at the Auction.

Lloyd, KØDKM, donated a weather radio, that he won at the Auction, and this was raffled off at the Club meeting after the break for coffee. The radio was won by Ron, WBØMQM.

An interesting program on traffic handling was presented by Jerry, WDØEGK.

Meeting adjourned.

Respectfully Submitted,  
Virgil Wamsat, KBØBW  
Secretary

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## RIVER CRUISE AND DINNER

Come join us aboard the Spirit of Brownville Friday evening, August 23, for a 3-hour Cruise and Potluck Dinner complete with a live band.

Boarding will begin at 7:00 P.M. and departs promptly at 7:30 P.M. from Haworth Park, Bellevue, NE.

For Reservations, mail \$10.00 per person to: Sandy Hamilton  
4805 No. 107th St.  
Omaha, NE 68134

FIRST COME...FIRST SERVED — seating limited to 100.

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# FIELD DAY, JUNE 21, 22, 23, 1985 HELD ON BOYS TOWN SITE

## Participants for "Set Up" and Operators.

Walter J. Brown, Jr., KAØDMB; John E. Bruckner, NØAJU; Franklin C. Clayton, WDØESL; John A. Droescher, KØKWB; James C. Faulkenberry, N5DZZ; Leslie Faulkenberry, KAØTKV; Mitchel H. Gagne, NØAZF; David B. Hamilton, NØCLW; Sandra M. Hamilton, NØCLQ; Richard W. Harper, WBØMWB; Wm. A. (Duke) Humphrey, WDØEWH; Richard D. Jugel, KØDG; Samuel S. Kaplan, WDØBVH; Paul H. May, WDØHRG; Lloyd R. McElhaney, KØDKM; Lawrence R. Merriman, KVØG; Ellen Morrissey, WBØHWF; M. Jay Nichols, KB8TR; Chad R. Nichols, NØEMQ; Wayne E. Paulson, NØGGI; Scott E. Persson, WBØQPP; James R. Peterson, WBØQGV; Houston (Tinker) Polson, KAØTHZ; Dr. Charles Rush, NØAZ; Robert B. Sanford, KAØLQF; Stephen H. Wells, KAØEOY; Vern J. Wirka, WBØGQM; Frank M. Wolczak, WAØIWF; and Gregory C. Zimmerman, NØBTN.

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### NEW MEMBERS

Dale E. Culver, NØGFP  
5023 N. 54  
Omaha, NE 68104  
455-2508

William L. Estlund, KØJVD  
15660 Fountain Hills Dr.  
Omaha, NE 68118  
333-4119

Harold K. Haye, KAØOFL  
8409 S. 25 Ave.  
Omaha, NE 68147  
731-7471

Clarence Neumann, KAØRYN  
5372 N. 29  
Omaha, NE 68111  
457-5875

James N. Novotny, NØCT  
85 Wenwood Circle  
Council Bluffs, IA 51501  
328-0280

Harold V. Page, NØDMO  
7806 N. 36  
Omaha, NE 68112  
455-1979

\*\*\*\*\*

### CHANGE OF CALL

Wayne E. Paulson, NØGGI

\*\*\*\*\*

### LICENSE UPGRADE

Stephen H. Wells, KAØEOY  
From Novice to Advance

\*\*\*\*\*

 **Need help?  
Call us.**

**Want to help?  
Call us.**

**Red Cross is counting on you.**

THE AK-SAR-BEN AMATEUR RADIO CLUB OF OMAHA PRESENTS

## A CONVENTION EXTRAVAGANZA



September 6-7-8, 1985 — Holiday Inn Convention Center — 72nd and Grover St., Omaha, NE  
(ONE BLOCK NORTH OF I-80 ON 72 STREET EXIT)

**YOU'VE SEEN THE REST, COME SEE THE BEST!**

## GRAND PRIZE — HAWAIIAN VACATION FOR TWO

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

NON-CONFLICTING FORUM SCHEDULE • 11,000 SQ. FT. FLEA MARKET • VE TESTING • DOOR PRIZES • EYE EMERGENCY NET REUNION • FREE AIRPORT LIMOUSINE SERVICE • SPACE FOR OVER FIFTY EXHIBITORS • ZERO QSL BUREAU • FULL ACCESS FOR THE HANDICAPPED • WOUFF HONG • QCWA LUNCHEON • INDOOR POOL AND JACUZZI • 3900 CLUB • PACKET RADIO • CHURCH SERVICES • CODE SPEED CONTEST • HAWAIIAN LUAU • LARGEST CONVENTION FACILITY IN THE MIDWEST • AMSAT • TEST EQUIPMENT WORKSHOP • LIGHTNING PROTECTION FOR TOWERS AND ANTENNAS • CLOSED CIRCUIT CONVENTION VIDEO IN YOUR ROOM • DXING CLANDESTINE COMMERCIAL AND MILITARY STATIONS • AND MANY OTHER INTERESTING EVENTS.

### ALTERNATE PROGRAMMING

**FOR THE LADIES:** SPINNING AND DYEING YARN • PERSONAL COLOR ANALYSIS AND COSMETIC LESSON • SEWING SKILLS AND CABBAGE PATCH DOLL CLOTHES • GET ACQUAINTED WINE AND CHEESE PARTY • HOBBY CRAFT • QUILT RAFFLE • COFFEE AND COOKIES • BRING YOUR OWN CRAFTS TO SELL AT THE CRAFT TABLE.

### SPECIAL PROGRAM OF INTEREST TO ALL

SATURDAY AT 11:00 A.M. BOARD THE PEPSI COLA DOUBLE DECKER BUS FOR A SHORT RIDE TO THE UPSTAIRS DINNER THEATRE. ENJOY YOUR LUNCHEON, AND A SPECIAL PRESENTATION OF A LIVE PERFORMANCE OF **ANNIE GET YOUR GUN**. THE THEATRE IS EQUIPPED FOR HANDICAPPED ACCESS, AND A SPECIAL BUS WILL PROVIDE TRANSPORTATION FOR THE HANDICAPPED. IF YOU AREN'T INTERESTED IN THE FORUMS, THIS WILL BE A SPECIAL EVENT FOR YOU.

- The Ak-Sar-Ben ARC reserves the right to cancel any convention event due to circumstances beyond our control.
- A limited number of specially equipped rooms for the handicapped are available. Please indicate your requirements when making your room reservations.
- Pre-registration cutoff date is August 6, 1985. Registration at the door is \$15.00
- Convention pre-registrations will be confirmed by return mail. Please allow 3-4 weeks.
- Only the first 700 Luau reservations can be accepted. Unsuccessful reservations will be refunded when you arrive.
- For VE testing, send your FCC Form 610 to: M. J. Nichols, KB8TR, 1635 Peterson Dr., Omaha, NE 68130. Enclose a \$4.00 check payable to: ARRL/VEC. Application cutoff date is August 6, 1985.
- Talk-in: Exhibitors — 147.99/39 • Convention guests — 146.34/94 • Air Travelers needing limo service 146.22/82 • Auto patch 146.40/147.00 • Alternate repeater 145.45 ±600khz.



## Saturday Evening Hawaiian Luau



Floral Arrangements  
Decorated Centerpieces  
Ice Carving  
Fresh Fruits  
Tray of Fresh Pineapple  
Tray of Coconut

Tray of Grapes  
Chicken Curry  
Hoisin Bar-B-Que Ribs  
Melon Trays  
Relish Tray  
Strawberries in Rum  
Nasi-Goreng

Oyster Beef  
Baked Mahi Mahi  
Sweet-Sour Ribs  
Sweet-Sour Pork  
Sweet-Sour Chicken  
Pepper Steak

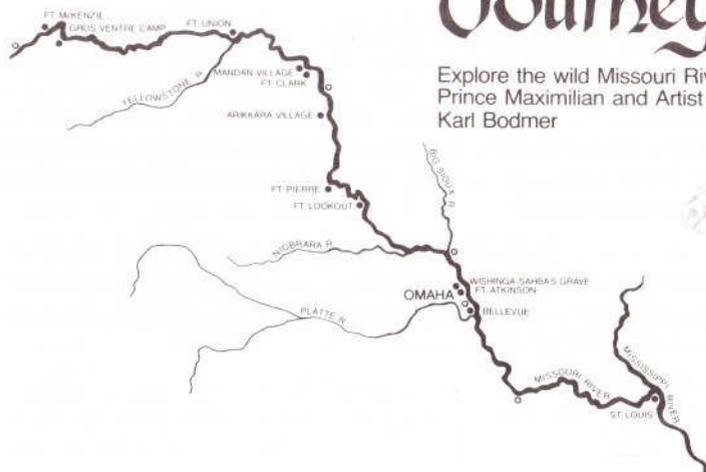
*Dress for the Luau is casual. Hawaiian attire preferred. Ties or jackets are not necessary. Slacks with shirt or blouse is acceptable. There are only 700 tickets to the Luau. Unsuccessful reservations will be fully refunded when you arrive.*

## Following The Luau

**INTERNORTH**  
Presents A Multi-Screen Documentary of:

# Maximilian's Journey 1832-1834

Explore the wild Missouri River with  
Prince Maximilian and Artist  
Karl Bodmer



## LEO I. MEYERSON (WØGFQ)

Leo Meyerson; manufacturer, distributor, retailer, and amateur radio operator, was born in Omaha, Nebraska, March 7, 1911.

As a ten year old, he was intensely interested in wireless communication and listened to KDKA Pittsburgh and other stations on a one tube UV 199 regenerative receiver. The first set he built used a galena crystal with a "cat's whisker." In 1924, when Leo was 13, he built a low power transmitter from a circuit appearing in a "Radio Digest" magazine and played music over the air until he found out that it was illegal. His next venture resulted in hearing hams all over the country after removing some wire from the plug-in coil of a Grebe receiver. Four years later he obtained his amateur radio license, W9GFQ, which was later changed to WØGFQ.

During his high school days, Leo played piano and organ for a Council Bluffs silent movie theater. He was promised a job at the Oriental Theater in Chicago, where he could also study at the Conservatory of Music. His parents convinced him otherwise, as soon the "talkies" would eliminate the need for organists. Leo enrolled at the University of Nebraska where he continued his music studies. After graduation, he joined his father in the family owned grocery business in Council Bluffs and continued with his ham radio hobby.

In 1933, Leo married Helen Wolinsky of St. Joseph, Missouri, whom he had courted for 2 years over amateur radio. At this time he opened a neighborhood grocery store and when his lease expired, decided to start a radio parts business. His father gave him \$1000.00 to start World Radio Laboratories and told him that when the "money goes," he could return to his father's grocery business.

Leo's first location in southwestern Iowa was selling radio parts and accessories to dealers and radio stations. In the late 30's he began to receive letters from hams ordering not only parts, but requesting construction information on transmitters. Other operators wanted WRL to build equipment. Leo's first WRL transmitters were 70 watts using 6L6 tubes. The transmitters were called WRL 70's and were the first electronic apparatus manufactured by WRL.

What started to become a productive business crumbled with the U.S. going to war in 1941, as hams were taken off the air for the duration. While the war eliminated World Radio Lab's ham business, it also offered a new opportunity for government business.

Going into partnership with another amateur, the company began manufacturing quartz crystals and introduced many labor-saving ideas and new manufacturing techniques which shortened the production

time. Their output reached 25,000 crystals per month. As a result of their efforts and efficient operation, they received the Army/Navy "E" citation in 1944.

After the war, Leo's partner continued the crystal manufacturing business and Leo returned to his distributing company. Hams wanting to get back on the air quickly created a big demand for transmitting equipment. Meyerson then formed WRL Electronics, a separate division for the manufacturing of radio equipment. In 1956 the manufacturing company's name was changed to GLOBE Electronics to avoid confusion with the distributor operation. Later, the World Radio Export Corporation was formed to provide shipment of equipment overseas.

Leo's expertise in ham radio was utilized to the fullest extent during the Council Bluffs flood of 1952 when he was appointed communications director by the mayor. By an appeal through ham radio, over two hundred mobile operators from all parts of the country arrived to help patrol the streets to prevent looting of evacuated businesses and homes.

Both World Radio Laboratories and Globe Electronics continued to grow. In 1958, Globe created the CB-100, a citizen's band radio, and was deluged with 10,000 orders almost overnight. In September 1959, Textron purchased Globe Electronics and retained Leo as president. He later sold his interests to the parent company and resumed his activities as president of World Radio Laboratories.

In 1961 Leo organized a new company to operate independently called GALAXY Electronics, and appointed 80 distributors throughout the country, including WRL. Galaxy was one of the first companies to produce a high quality single side band transceiver that sold at a price several hundred dollars lower than its nearest competitor. Galaxy introduced the Galaxy V transceiver, the Citizen's band and Ham compression amplifier, and the Duo-Bander, 80 and 40 meter transceivers, as well as a completely transistorized receiver for industrial, commercial, and laboratory use. Leo sold Galaxy to Hy-Gain Electronics Mfg. Co. in 1970.

Not having abandoned his hobby, Leo once joined five other hams for a DX-pedition in British Honduras. In two days they made over 3,000 contacts. When Leo made the trip, he became the only foreigner to be granted a British Honduras license, VPGFQ.

In 1960, Leo's son Larry joined WRL. His interest in the business was primarily concerned with Hi-Fi and stereo. By 1969, Larry had become president of WRL. His call is NØBDY. Larry successfully expanded the business to twenty three stores. During that time the company changed from a mail order business to retailing of stereo products.

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Leo remains active, although retired from WRL. He continues to enjoy his hobbies of music, amateur radio, and tennis. He has played the organ or piano at hundreds of ham conventions, sing-alongs, style shows, banquets, etc. The last convention he played was for the National Q.C.W.A. convention in Hartford, Conn. in 1984.

His list of awards, both in the industry and for hundreds of civic activities is lengthy. One of his most gratifying honors was the "Leo I. Meyerson Emergency Communications Center" dedicated to him in 1977 by the Omaha metropolitan area ham radio enthusiasts.

Leo has been extremely active in local and other organizational affairs and can be very proud of being an ardent supporter, member, or officer in B'nai B'Brith; AK-SAR-BEN Radio Club; Kiwanis; Council Bluffs Chamber of Commerce; Red Cross; YMCA; Shriners; Masons; Elks; QCWA; and many other organizations too numerous to mention.

Leo has been a pioneer in building amateur radio equipment and is grateful that he has been able to spend many years earning his living in a business devoted to serving the radio amateur and electronic industry.

de Chaverim of Delaware Valley, Inc., (Cherry Hill, NJ)

Our thanks to Tselil Harmoni for this article.

Ak-Sar-Ben Amateur Radio Club, Inc. is happy to join with Chaverim of Delaware Valley, Inc. in extending congratulations to Leo Meyerson, WØGFQ, on behalf of the 50th anniversary of WRL.

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## **MEYER CHILDREN'S REHABILITATION INSTITUTE BIKE-A-THON ON JUNE 9, 1985**

This was approximately 20 miles with several check points. Net Control was Dr. Charles Rush, NØAZ. Manning some points were Dr. Bennett Kutler, NØANF; Dr. John Moore, WAØGBR; Hector D. Mota, KAØTLL; Dr. James R. Newland, KØEMC; Dr. Paul Steffes, KCO—.

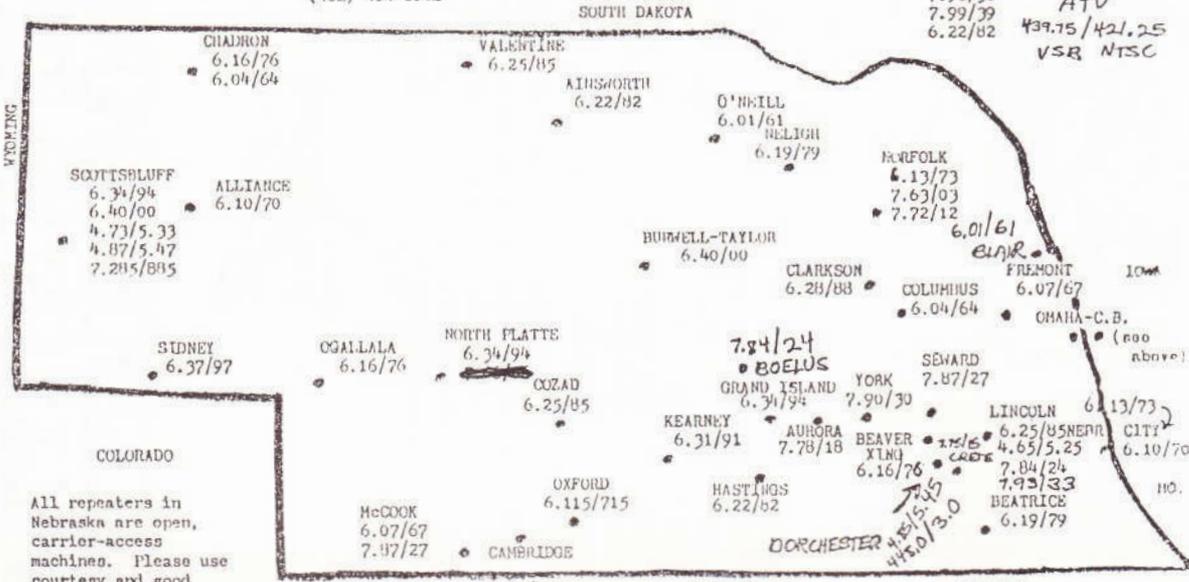
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2M FM REPEATERS IN NEBRASKA

Send all corrections to:  
NEBRASKA REPEATER FREQUENCY COORDINATOR  
Jon Eisenberg, WAWRUI  
6627 Colby  
Lincoln, NE 68505  
(402) 464-0652

OMAHA-COUNCIL BLUFFS  
4.85/5.45  
6.05/5.45  
6.05/65 220/UHF  
6.34/94 222.34/3.94  
6.40/00 223.34/4.94  
7.60/00 449.60/4.00  
7.01/21 449.950/4.950  
7.90/30 448.30/4.30  
7.96/36  
7.99/39  
6.22/82  
ATV  
439.75/421.25  
VSR NTSC



All repeaters in Nebraska are open, carrier-access machines. Please use courtesy and good amateur practice while using these repeaters. Use extra care when using autopatches. Please address all correspondence concerning coordination matters to the above address.

PACKET 145.01

# LARSEN ANTENNAS TAKE ON SHUTTLE COMMUNICATIONS



"The operation was an unqualified success!", so said ARRL's general Manager Dave Summer, K1ZZ reviewing the recent amateur radio operation of Owen Garriott, W5LFL, from the orbiting Space Shuttle Columbia. And so it was also for Carl J. Henniger, KA7GHR, who made his successful contact on an afternoon shuttle pass over Portland, Oregon.

"I did it with my mobile rig sitting in front of my garage with 45 watts of power feeding into a

Larsen Kùlrod Antenna", Carl said. "I was sure thrilled 'cause I was competing with the moon bounce boys with their yagis and big antenna arrays."

KA7GHR also uses a Larsen Kùlduckie portable antenna on his handheld rig and monitored the space shuttle with that transceiver though he didn't try a contact. "It was just as good as you ever hear somebody talk on two meters", Carl concluded.

