



HAM HUM

Published by

AK-SAR-BEN AMATEUR RADIO CLUB, INC.

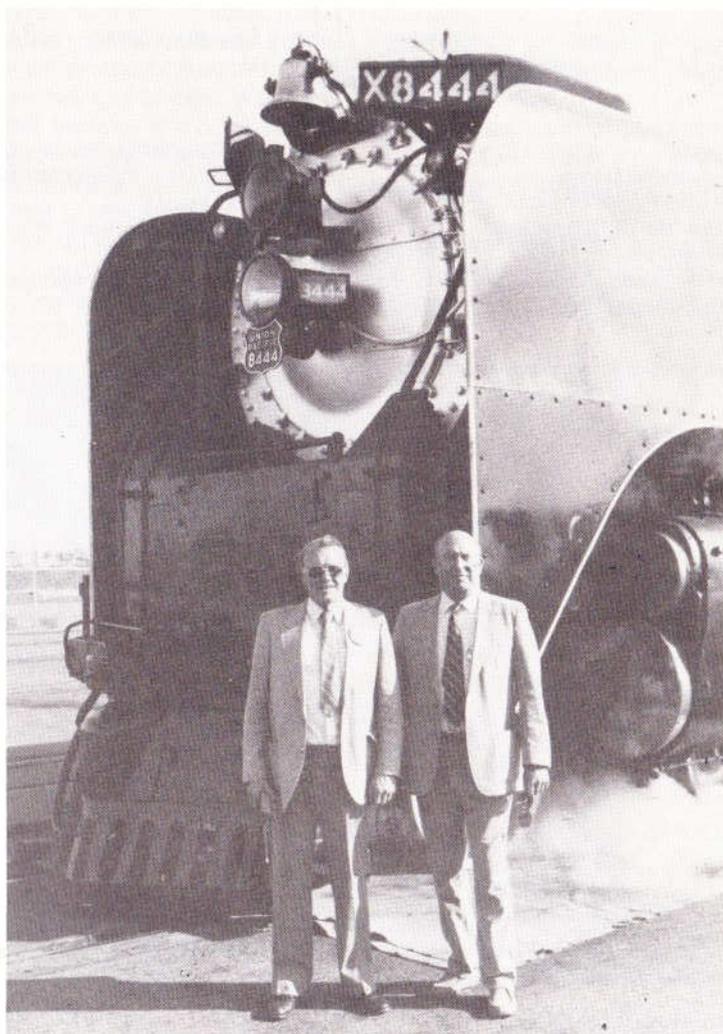
Post Office Box 291 — Downtown Station

Omaha, Nebraska 68101



April 1985

Vol. XXXV
No. 4



KØGHK

WAØRDZ

Deadline for May HAM HUM is April 15, 1985

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-BENAMATEURRADIOCLUB,
INC.

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Omaha, Nebraska 68101
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X-200



Copy Deadline for May is Apr. 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

NEXT MEETING

WHEN: April 12, 1985

TIME: 7:30 P.M.

WHERE: Heartland Chapter
American Red Cross
3838 Dewey
Omaha, NE

PROGRAM: Vern Wirka, WBØGQM
ARRL Video Tape — Space Shuttle Flight of Dr. Owen Garriot, W5LFL.
Also he will speak about broadcasting in AM Stereo from Transmission to Reception

UNION PACIFIC SPECIAL HAMMING STEAM TRAIN MOBILE

The Union Pacific Railroad let three of us put a ham station on board their train being pulled by one of the few remaining steam locomotives as it wined its way home from the World's Fair at New Orleans. To say we had fun would be a serious understatement — we had a ball.

The three of us were a husband and wife team of Marge Askew, WAØRDY, OM, WAØRDZ, Ed. I was there also, Hugh Tinley, KØGHK.

This trip from Louisiana to Nebraska took nine days and was pretty much a tour of the South and Middle West. At the moment, I don't know how many contacts we made, but it was a bunch.

Most of our activity was on 2; had some voltage problems that slowed us down a bit on the hf frequencies, but Jim, KA5QYV, helped us unravel these when we got to Fort Worth.

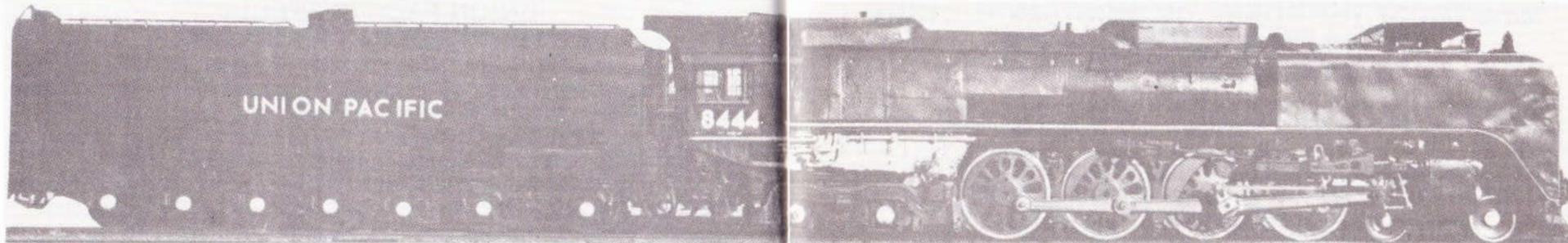
You can't believe the attention this engine and train attracted. There were always helicopters and airplanes over us, the little towns dismissed schools and there were crowds of people at every underpass and road junction and mobs of them at the major cities.

The hams turned out in droves; some followed us from town to town and large groups would always show up at every stop. Using little hand held gear, we would get together on 52 direct and hold reunions in front of the locomotive.



KØGHK (left) and Ed Askew, WAØRDZ, at Shreveport, Louisiana.

(Continued on next page)



(Continued from previous page)

The train people treated us like visiting royalty. We had our own private bedrooms and, believe it or not, private showers. Each room had its own john, dresser, closet and each had an electric blanket. It was a tough life; the accommodations, food, drink and hamming were out of this world.

I have often thought that Murphy, who said, "Anything that can go wrong — will," invented radio and not Marconi. The instability of our power source caused us to go up the wall; we knocked out a power supply, then a rig and even a volt meter, but amateurs along the way consistently bailed us out. Thanks to their help, we were able to operate almost ten hours a day and ride piggyback on the Eye Bank Net that meets in the morning and evenings on 3970.



Hugh Tinley, KØGHK, aboard train

Hugh Tinley
KØGHK

FOR IMMEDIATE RELEASE:

OMAHA, January 17 — Union Pacific System today announced the schedule for its famous steam locomotive, No. 8444, on its tour through Louisiana, Texas, Oklahoma, Kansas and Nebraska.

The train will travel during the day so as many people as possible can see it on its nine-day journey.

The locomotive will be parked overnight at Longview, Houston and Fort Worth in Texas; Muskogee, Oklahoma; Osawatomie, Kansas; and Kansas City, Kansas.

Nearly one million people viewed the locomotive while it was on display this past year at the World's Fair in New Orleans.

Locomotive 8444 was the last steam locomotive built for Union Pacific Railroad. It was constructed in 1944 and operated in regular service until 1960 when it was saved for special excursion use.



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

The meeting was called to order at 7:45 PM by President, NØCLW, Dave.

Mitch, NØAZF, discussed the change in the printing of the Ham Hum. The President asked Mitch to put together some ideas and recommendations to present to the Board and Members.

Sam, WDØBVH, gave a detailed financial report.

It was moved and seconded that all AARC savings accounts be consolidated into a single money market account. 4—No, 5—Yes. Motion carried.

It was moved and seconded that all Lifetime Membership funds be deposited into a money market account titled "Ak-Sar-Ben Amateur Radio Club Lifetime Membership Account." Motion carried.

It was moved and seconded that the Executive Board appoint the Executive Secretary to go to the bank and carry out the above two transactions. Motion carried.

It was moved and seconded that a fee of \$20.00 be paid to the State for the Bi-annual Corporation Report — to Jan. 1986. Resident Agent, Dick Eilers. Motion carried.

Bills were approved to be paid.

Jim, N5DZZ, gave a report on the Auction progress. The Auction will be held on May 19, 1985 at the Radial Social Hall, 1516 NW Radial Hiway.

It was moved and seconded that a \$100.00 deposit be paid for the Hall for the Auction. Motion carried.

It was moved and seconded that the Board authorize \$200.00 for food and \$350.00 for door prizes and advertising for the Auction. Motion carried.

Respectfully submitted,
Virgil Wamsat, KBØBW
Secretary

SPECIAL TO MEMBERS

Should you not receive your Ham Hum next month it could be a mistake or your dues may not be paid. Tell us, or if you have forgotten, mail your check or better yet, bring it to the next meeting 10 May, 1985.

**MINUTES OF THE GENERAL MEMBERSHIP MEETING
March 8, 1985, Red Cross Building
3838 Dewey, Omaha, Nebraska**

The meeting was called to order at 7:50 PM with the Pledge of Allegiance by the President, Dave, NØCLW.

The Treasurer's report was approved as read.

John, WBØCMC, reported on 34/94 repeater interference. This is coming from Western Electric and seems to be solved.

Five new members were voted into membership.

President introduced new members and guests introduced themselves. Courtesy Chairman, Walt, KAØDMB, reported Silent Keys.

Auction Chairman, Jim, N5DZZ, reported that the Auction will be held on May 19, 1985 at the Radial Social Hall, 1516 NW Radial Hiway. Check-ins at 8:00 AM. Auction starts at 9:00 AM. Food will be on the premises. Anyone that would like to help, please get in touch with Jim.

There is a July 7, 1985 Open House at Offutt.

Vern, WBØGQM, reported on FCC happenings.

Jim, N5DZZ, raffled off the door prizes for this month. These prizes were; a soldering iron kit and a parts assortment for electronics.

Jim Zoller presented a testimonial and plaque to the AARC for emergency service since 1974.

The program was presented by Jim Zoller on, what else, the weather. Specifically bad weather. A very interesting new film on tornadoes was shown to the members.

Respectfully submitted,
Virgil Wamsat, KBØBW
Secretary

The Ak-Sar-Ben Radio Club Board is looking for a few dedicated volunteers who would like to assist in the publishing of the Ham-Hum.

For many, many years, Ham-Hum has been edited by Dick Eilers, WØYZV and published by his fine staff at World Insurance Company.

Dick was recently named Chairman of the Board at World Insurance and has asked that we begin the process of publishing Ham-Hum ourselves.

With the help of a few volunteers the Board feels that the Club can continue with Ham-Hum in its present form.

If you have a journalistic flair, or are a whiz on the typewriter, would like to help sell ads, or just plain want to help, please call Dave NØCLW or me, Mitch NØAZF, and let us know.

A meeting will be held in the near future to get this effort going.

de
NØAZF



J. JAMES EXON

UNITED STATES SENATE

NEBRASKA

COMMUNICATIONS COMMISSION
WASHINGTON, D.C. 20554

IN REPLY REFER TO:
FILE 1120-A

Honorable J. James Exon
United States Senate
Washington, D.C. 20510

Attention: Doris Petersen

Dear Senator Exon:

This will confirm the recent telephone conversation with Frances Everitt of your staff on behalf of your constituent, John Gebuhr, concerning interference to amateur repeaters.

Because of the technical complexities of this case and the potential adverse impact upon the community should we decide to instruct the AT&T Technology's factory to suspend their manufacturing pending resolution of the problem, this case has been transferred to Inspections & Investigations (I&I) Branch of Enforcement Division for a detailed technical review. I&I staff is presently analyzing the file.

We will advise your office later this week of the results of this decision and what steps we intend to take to resolve this problem.

Sincerely,


for Richard M. Smith
Chief, Field Operations Bureau

Enclosure:
Incoming Correspondence



AT&T
Network Systems

J. R. Childs
General Manager,
Omaha Works

Western Electric Products

120th & T^h Streets
Mail to: Box 37000
Omaha, NE 68137
Phone (402) 691-3001

March 6, 1985

THE HONORABLE HAL DAUB
U.S. House of Representatives
Washington, D.C. 20515

Dear Hal:

In your letter of February 22, 1985, you enclosed a statement from Mr. John Gebuhr outlining problems local HAM radio operators were having with radio frequency interference generated from AT&T's Omaha Works. Up until yesterday, I would have reported that this problem had been solved. However, it appears we still have some work to do.

Over the past months, our engineers have been working diligently to contain the interference produced by our RF induction heating machines. These machines help produce lightning arrestors used in telephone sets and other equipment. Among the corrective action taken was tuning and cleaning all machines, replacing old induction heating coils, redesigning new coils, hiring an outside consultant, building a protective enclosure around the work area, and installing a sheet metal floor beneath that area.

With the completion of the floor on February 20, readings taken by AT&T, the consulting firm, and the FCC, showed RF emissions were substantially under the limits set by the FCC. Our engineers had contacted Mr. Gebuhr as recently as February 28 and he concurred that the interference had been sufficiently contained. However, late yesterday afternoon, March 5, we were informed by Mr. Gebuhr that interference had again appeared. We immediately checked the area with our monitoring equipment and found no spurious RF emissions from our facilities. However, our equipment did detect RF emissions on the HAM operators band (146 MHz) from the downtown Millard area. We are in the process of having Mr. Gebuhr visit our facilities to reassure him that we have taken the necessary steps to bring our facilities into compliance. Additionally, we are working with Mr. Gebuhr and his fellow HAM operators to isolate the source of these new emissions.

An AT&T Technologies, Inc. Group

The Omaha Works is grateful to the FCC, Mr. Gebuhr, and the other area HAM operators for their cooperation through this long and difficult engineering problem. With their continued support, I am sure this issue can finally and expeditiously be resolved.

Sincerely,

ORIGINAL SIGNED BY
J. R. CHILDS

Copy to:
Senator J. James Exon
Senator Edward Zorinsky
John Gebuhr
Elizabeth Freeland

Ten Commandments of Human Relations

Speak to people. There is nothing so nice as a cheerful word of greeting.

Smile at people. It takes 72 muscles to frown, only 14 to smile.

Call people by name. The sweetest music to anyone's ears is the sound of his own name.

Be friendly and helpful. If you would have friends be a friend.

Be cordial. Speak and act as if everything you do is a genuine pleasure.

Be genuinely interested in people. You can like almost everybody if you try.

Be generous with praise -- cautious with criticism.

Be considerate with the feelings of others. There are usually three sides to a controversy: yours, the other fellow's, and the right side.

Be alert to give service. What counts most in life is what we do for others.

Add to this a good sense of humor, a big dose of patience, and a dash of humility, and you will be rewarded many fold.

Luck,
WOLFJ, Matt

NEW MEMBERS

Thomas W. Emery — no call
10465 Manderson Plaza
Omaha, NE 68134
493-6905

Larry J. Hogya, Sr. — no call
Larry J. Hogya, Jr. — no call
10457 W. Center Rd.
Omaha, NE 68124
391-6326

Sgt. Kenneth J. Vandevort
WAØKYT
6912 Oak Plz. #F3
Omaha, NE 68106
392-0259

Stephen H. Wells, KAØEOY
960 North Third
Springfield, NE 68059
253-2856

Wayne E. Paulson, KAØTKY
9330 Manderson
Omaha, NE 68134
572-8437

Paul E. Rehm, WAØSHO
7826 Franklin
Omaha, NE 68114
unlisted phone

William J. Welch, WBØVGR
3505 Hamilton
Omaha, NE 68131
556-8085

ADDRESS CHANGE

Richard Swig, WAØZQG
46 Rolling Hills
Council Bluffs, IA 51501
Phone: 366-1735

SILENT KEY
WDØBY
EDWARD HOFFMANN

April 1, 1985

ROSTER CHANGES

(Addition)
Robert J. Carl, NØAZA
334 Shamrock
Gretna, NE 68028
322-4743

(Address)
Delbert G. Gibson, KØUIV
2526 S. 60 #18
Omaha, NE 68106
558-0361

Martin Peck, WBØYTV
7912 Main
Ralston, NE 68127
339-9336

(Street Numbers)
Thomas W. Emery
10465 Manderson Plz.
Omaha, NE 68134

(Spelling)
Dan C. Pettengill

(Call Letters)
Lois Eisenberg, NØFUF

(Phone)
Donald Eden, WBØVGB
556-0369

EDITOR NOTES — DICK WØYZV

The editorial policy of Ham Hum dictates that we publish for the benefit of all, all those good things that happen to our members. The major difficulty, however, in following this procedure is that it has been a long time since I can remember any of you, as members, sending in a note calling attention to something good that has happened to you. Maybe you got married, had a child, got a new job (one particularly better than the one you had before), or received an award for something. In fact, most anything that you are so pleased about, you would permit the rest of us to join you in that pleasure.

Upon reading last month's Ham Hum, I noticed there was one particular culprit who did not report to the editor one of these happenings. So—Dick the editor said to WØYZV, the culprit, "Why did you not get it in? You expect others to do so, so that you can read about them." Whereupon WØYZV, then reported to Dick the editor the following information.

At the Annual Meeting of World Insurance Company in February, Dick WØYZV, was elected to the title of Chairman of the Board. At the same meeting, his eldest son Tom D. Eilers was elected President of World Insurance Company.

Some of you read about this news in the Local Daily, and some of you are now reading about it your own club monthly magazine. If you have read this far, may I ask you to think about it? What good news happening is there in your life that you have not reported to Ham Hum for the benefit of all of the members? Think back awhile, maybe even to the first of the year. We will save room in the next monthly magazine for good news from the members.

In addition to the old good news, I am also going to be awaiting the mail on new good news, such as those who upgraded license in Kearney last weekend. The news should be here at this time, but I have not yet received it. In the caravan of Omaha Hams driving back from Kearney, Nebraska, I did hear these comments, from one who upgraded, which I will give you here out of interest, rather than the official report of the happening. "As to your question about my location in the line up, I am directly behind NØAIH; in fact, I'm in his back seat."

 **Need help? Call us. Want to help?
Call us.**
Red Cross is counting on you.

A Public Service of This Magazine
& The Advertising Council



**YOU ARE INVITED TO THE
DENISON REPEATER ASS'N
4TH ANNUAL FLEA MARKET
DELOIT, IOWA**

SUNDAY APRIL 21, 1985
8AM TO 4PM

TABLES: \$3.00 AT THE DOOR PLUS ADMISSION
\$2.00 FOR ADVANCE TABLE RESERVATIONS PLUS ADMISSION
1/2 TABLES—\$1.50 PLUS ADMISSION
ADMISSION: \$2.00 AT THE DOOR
\$1.00 IN ADVANCE

DOOR PRIZES!

— COMMODORE COMPUTER TO BE GIVEN AWAY —

(MUST BE PRESENT TO WIN)

WHERE: COMMUNITY BUILDING IN DELOIT, IA.
5 MILES NORTH OF DENISON, IA ON HWY 39
TALK IN ON 147.69/09
DOORS OPEN TO EXHIBITORS AT 7:00 AM
LUNCH & REFRESHMENTS AVAILABLE

FOR ADVANCE RESERVATIONS CONTACT:
GENE MITCHELL—NØDQS
RR1 BOX 20
SCHLESWIG, IA 51461

FOR MORE INFORMATION CONTACT:
NØDQS—GENE 712-676-3499
KAØHFR—JIM 712-677-2404
NØEHN—DAVE 712-263-3035

**SPONSORED BY
THE DENISON REPEATER ASS'N
DENISON, IA. 51442**

LETTERS

Dick Eilers

B. F. ID

Greetings Dick and thanks for your dues notice. We have had a very bad winter, about 6 to 8 feet of snow total this winter, down to about 2-4 feet now back in Woods. Radio Conditions very poor. Our Dingalings keep going. WØKH—WØQFY—WØYZK—W7JWZ (EX)-WØIYB.

Yours
Damon

P.S.

Had to use 4-W-D Blazer since November.

* * *

Hi you beautiful People: We enjoy "Ham-Hum." I am a 71-year-old Leprechaun with several little problems. Little Heart, Diabetes, had 33 shots of radiation for Cancer of throat. Also shingles, now they say spurs on the spine and March 22 come in for cancer check, and I hope Cataract operation. Hope to work some of your people on 2-M when confined. Lost good friend in WAØPCC. Your Ham-Hum and radio made last two winters much more pleasurable. May God bless all Amateurs.

Luck
WØLFJ
Matt

SQUIRRELS

Recently, we have noticed a squirrel baiting some of the folks using the repeater. They reacted just like he wanted, they called him names, told him to get off the air, etc. This only egged him on. He was having his warped fun and the victims were the repeater users whose blood pressure was raised and surely had that part of their day ruined.

When these squirrels come on, don't fall into the trap. **Don't mention you even hear them.** Carry on your QSO just like he wasn't there. If you have to make up things to make him think your copying solid, go ahead.

Remember, once either side of the QSO recognizes his presence — you have lost and he has won. If he can't get anyone riled he will go away. Sounds odd but it works!

de Dayton RF Carrier

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 from WAØOMB Estate:

Yaesu FT- xncvr package, including mike, speaker/ phone patch, ant tuner, and ant switch, Drake T4X xmtr with speaker/power supply, Diawa SWR meter, Heath 12 VDC to 110 VAC power converter, Johnson phone patch, genuine Excella 23 ch. CB set with "home base" power supply, headsets, two tubes and two coil assemblies (apparently for a linear amplifier project), B&W 6-terminal antenna switch, other odds and ends. All equip in A-1 condx & priced to sell.

Contact Brian KMØY, 553-2610 home, 554-1611 work.

WANTED: In any condition — cheap keyer paddle for shipment to ham friend in East Germany (where such things are not available.

Contact Brian KMØY.

FOR SALE: Heathkit HM-2102 VHF—SWR, Wattmeter, with manual —\$25.00.

Heathkit HA-202 2-Meter FM Amplifier with manual —\$25.00.

WBØEYT Bernie, 731-0128

FOR SALE: As demonstrated at the March club meeting.

146 mM simonized hand held. Good for maritime. Logged many fine QSOs. Floats. — \$195.00.

4 el. BEAM antenna. Folded dowel driven element. Non-conducting boom. — \$19.50.

Manila coax. Secures easily to tower. Will make tight bends. — 19¢/foot.

Spare parts for above available at any lumber yard.

Call Bill, ASD, 571-8516 or Rich, ZQG, 366-1735.

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 Kulrod 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 Kulduckie 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.

