

HAM HUM

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



December 1978



From



INC

2565 Dodge Street Omaha, Nebraska 68131 (402) 346-5530 Ray Kydney - WAØWOT Loretta Kydney - WBØMNL

GRAND OPENING

Saturday, Dec. 16 — 9:00 - 9:00 Sunday, Dec. 17 — 10:00 - 6:00

Register For Prize Drawings
Free Coffee & Cake

Bring The Kids To See Santa Sat. 1:00 - 9:00 — Sun. All Day 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. Post Office Box 291

Omaha, Nebraska 68101

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Deadline for Jan. issue is Dec. 18th

Dues-Quarterly Basis part thereof for bal	ance of	C	ale	en:	d	ar	y	ear.)
New member initiati	on fee							\$1.00
Regular member		040		140	•0	e e		\$3.00
Regular member and								
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

CHRISTMAS PARTY

WHEN:

SUNDAY, DECEMBER 10, 1978

TIME:

1:00 P.M. to 4:00 P.M.

WHERE.

SOUTH OMAHA GENE EPPLEY BOYS CLUB

5051 South 22nd Street (22nd and P Streets), Omaha

GIFT EXCHANGE FOR THOSE WHO DESIRE TO PARTICIPATE (Approximately \$3.00 value)

There will be three separate exchanges - you may enter one or more:

(1) Ladies only exchange; (2) Ham gift exchange; (3) Non-Ham gift exchange

DOOR PRIZES — TOYS AND CANDY FOR CHILDREN — SANTA CLAUS WILL ARRIVE BETWEEN 2:00 P.M. and 2.30 P.M. (Gift exchange and refreshments to follow Santa.)

LADIES, REMEMBER THOSE COOKIES AND CHRISTMAS GOODIES! THE CLUB WILL BRING THE DRINKS.

AVAILABLE TO ALL WILL BE: BOWLING, FOOSBALL, TABLE TENNIS, POOL TABLES, AIR HOCKEY AND BASKETBALL

BRING YOUR FAMILY AND FRIENDS (GUESTS MAY PARTICIPATE IN T

Best wishes to you and yours for a very Merry Christmas and a Happy New Year from the Board of Trustees of Ak-Sar-Ben Amateur Radio Club, Inc.

1978 ANNUAL MEETING AK-SAR-BEN AMATEUR RADIO CLUB, INC.

WHEN:

TUESDAY, DECEMBER 12, 1978

TIME:

7:30 P.M.

WHERE:

JEWISH COMMUNITY CENTER

333 South 132nd Street Omaha, Nebraska 68154

ELECTION OF OFFICERS AND SUCH OTHER BUSINESS AS MAY REGULARLY COME BEFORE THE MEETING.

PAID CLUB MEMBERS ELIGIBLE TO VOTE — 1979 DUES PAYABLE AT THIS MEETING.

ONLY BUSINESS TO BE CONDUCTED - NO PROGRAM.

The Articles of Incorporation and Bylaws of the Club provide for the election of a President, Vice President and four members of the Executive Council each year. The President and Vice President are elected for a one-year term; the Executive Council members are elected for a two-year term. The outgoing President remains on the Board of Trustees as Immediate Past President for one additional year.

The President, Vice President, Immediate Past President and eight members of the Executive Council constitute the Board of Trustees of the Club. The new Board of Trustees shall elect from the Executive Council a Secretary and Treasurer.

Sincere thanks to those whose terms expire at this meeting for their efforts in behalf of the Club. They are: Thomas L. Thiessen, KØPQR, Vice President; Robert A. Conley, WBØLYU, Past President; James B. Wilson, Sr., WBØJPN, Treasurer; Lloyl L. Burks, WBØNGD; Irene K. Mulick, WBØMPC; and Jon J. Penner, WBØQGT.

Remaining on the Board for 1979 are: James R. Peterson, WBØGQV, Immediate Past President; Robert H. Brenneman, WØUQJ; Robert R. Chereck, Sr., WBØTVP; Kenneth L. Huber, WBØTXV; and Gerald W. O'Harrow, WBØPPF.

e Nominating Committee will place in nomination at the annual meeting the collowing:

(Continued on next page)

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(Continued from Page 3)

For President

Thomas L. Thiessen, KOPQR

Age:

33

Address:

2708 North 65th Street, Omaha

Phone:

556-9120

Employment: Alarm Specialists, Inc.

Wife:

Kathleen 1958

Licensed: Hobbies:

Amateur Radio

For Vice President

Richard D. Jugel, KODG

Age:

36

Address:

3814 North 85th Avenue, Omaha

Phone:

572-8441

Employment:

Mutual of Omaha

Wife:

Marlene

Children:

Lynn, Lisa (KAOBAA)

Licensed:

1966

Hobbies:

Amateur Radio

For Executive Council

Wayne L. Goetz, WBOHEU

Age:

42

Address:

6734 Curtis Avenue, Omaha

Phone: Employment:

571-7321 WOW-TV

Wife:

Mary

Children:

Bobette, David

Licensed:

1973

Hobbies:

Flying

David B. Hamilton, WDQDLN

Age:

Address:

4805 North 107th Street, Omaha

Phone:

493-1390 Amato Photo

Employment: Wife:

Sandra

Children:

Danica and another soon

Licensed: Hobbies:

1977 Hunting Garland (Mac) McLaughlin, WAØBMJ

Age:

58

Address

7531 Spring Street, Omaha

Phone:

393-0432

Employment: Sutherland Lumber Co.

Wife:

Wanda

Children:

Shirley, Dave (KØJBL)

Licensed:

1961

Hobbies:

Fishing, Hunting

Frank M. Wolczak, WAØIWF

Age:

30

Address:

3120 U Street, Omaha

Phone:

731-3072

Employment:

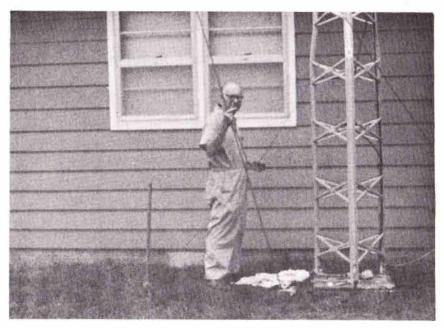
Video Associates, Inc.

Licensed:

1961

Hobbies:

Amateur Radio, Hunting



WOOQN installing ground rods at QTH of KOQVL

THE PREZ SEZ

The year ending approaches and my term also ends. Reviewing club related events gives a feeling of fellowship and satisfaction with our group efforts.

Not that there aren't things yet to be done. In this regard, we will elect a President, Vice President and four new Board members at our business meeting. Please join us at our annual gathering, pay your dues, and help plan for 1979.

The Christmas party will be two days prior to the business meeting. It is always an enjoyable event. Bring the family!

We will have classes starting in January. Details appear elsewhere in this issue. If you know of anyone interested, let them know.

Just as with other Presidents, I know that there is no way without much help and cooperation that anything could get done. To those many people, I say thank you. The effort put forth at Field Day, trailer work, repeater, propagation forecasts, QSLs, Sweepstakes, and all others was great.

As Marty, WACGEH, said in his letter (this issue), I feel that I have gained skills from working for the Club. It has been an honor and a pleasure to serve with such a worthwhile organization.

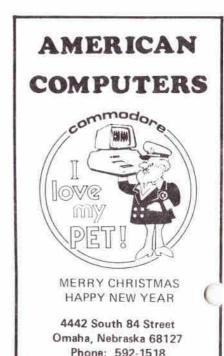
This coming year, 1979, holds many questions for us as amateurs. Other than the fun we can have and the service we can perform, this Club offers us a lot.

The united voice of amateurs from our organization can be heard at W.A.R.C. '79 and in Newington. In this day of special interest groups, we need to have our large local organization in order to speak effectively for our area. Don't be asleep at the transmitter while someone takes away your frequencies.

1979 is a good year for you to be active in your hobby. Join in Cl activities and on the air. None of us want our hobby encumbered or stifled.

Thanks again to you all for your help. See you at our meeting and at the Christmas Party.

> 73s, Jim Peterson, WBØQGV



LOTS OF WALLPAPER By Joe Niemann, WBØFWB

It's the equivalent of a foreign language. That's how one Omaha Amateur Radio operator describes his orite mode of transmission – CW. Most Omaha hams use sideband for their high frequency work, but there are a few died-in-the-wool CW operators. Lou Ouren, KØLST is one of them. And during the past year-and-a-half, since obtaining his license for a second time, Lou has an amazing DX record.

His shack is well wallpapered. It boast 16 DX certificates, including two DXCCs. Of the 188 countries he has confirmed, 175 came from CW contacts. "I use phone only as a last resort to get a new country," Lou said.

Does Lou have a secret in grabbing some of the rare DX? "Not really," he said. The answer is "time, equipment, and luck." You really have to hunt out the DX, according to Lou. And it also helps to have a couple of "hunter" partners. Joel Bagley of DeWitt, Iowa, Joe Nanos, KØKES of Omaha, and Lou frequently contact each other by telephone when they hear some of the rare ones. "Calls from them even come in the middle of the night," Lou stated.

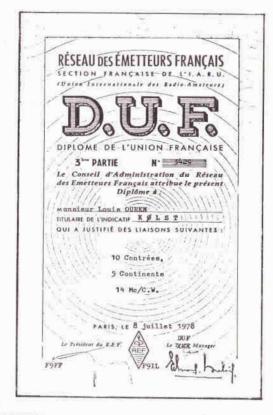
Lou has an envious QSL confirmation record — a 91 percent completion rate. He offered a couple of tips on getting a QSL card back from a DX station. One, he said, is not just send a card, but to include a .ort personal letter with the card. Another is to send a "green stamp, a George Washington," commonly referred to as a dollar bill. Lou feels that method gets better results than a

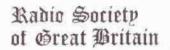
couple of IRCs. From the comments he has received, Lou said there is more interest in the dollar bill. One DX operator even wrote Lou stating he thought so much of the dollar bill he framed it on his wall. Even though the dollar has been so devalued, Lou said, he feels it is more liquid in trade ability and is preferred over the IRC.

The only way to QSL "is to go direct," he said, adding, "it takes forever to go through the bureau." However some stations prefer the bureau method, "so you have to comply with that request."

As far as equipment is concerned, it's a kilowatt in Lou's shack with a tribander at 55 feet for the high bands,









THE BRITISH COMMONWEALTH RADIO TRANSMISSION AWARD

This is to Certify that Louis. H. Ouren.

has satisfied the Council of this Society that he has through Amateur Radio Station KOLST, been in two-way Telegraphy/Telephony Communication with stations situated in fifty different British Commonwealth Call Arcas.

G. Rwilley. GAVPO.

Date JUNE 29 1978, No. 2664, Endorsed MIXED BANDS & Modes, President

and a dipole for 40 and 80 meters. Lou said at first he resisted the idea of a linear amplifier, but found that the higher power was necessary to compete for the DX stations.

Lou was first licensed in 1957, but let his license expire in 1961 to devote more time to his family, and because of "lack of time and money." His wife always wanted him to get back into ham radio, and when she died he obtained a novice class license once again in April, 1977, applying for his old call. It took the FCC about six months to agree to the unusual request, but Lou did get his original KØLST call sign back. "It was hard to explain to other novices how I had a KØ call even though I was a novice," Lou said. Now he has an advanced class license.

One bit of advice from Lou on getting DX: "You have to go at it right; don't be a CQer, be a hunter. that's the answer."

1979 CODE AND THEORY CLASSES

Volunteer members of the Ak-Sar-Ben Amateur Radio Club, Inc. will again conduct code and theory classes in 1979.

"HERE: CREIGHTON PREP

7400 Western Avenue Omaha, Nebraska (Use west parking lot.)

WHEN: BEGINNING WEDNESDAY, JANUARY 3, 1979.

TIME: 7:30 P.M.

Classes will continue concurrently on Monday and Wednesday evenings until mid-April.

Text for Novice: "Tune In The World" and the ARRL "License Manual."

Text for General: TAB Book and ARRL "License Manual."

Text for Advanced/Extra: TAB Book and ARRL "License Manual."

Instructors recommend textbooks be secured prior to beginning of classes.

ANYONE WELCOME TO ATTEND - NO PRIOR REGISTRATION NECESSARY

ADDITIONS TO BOSTER

RECENT CONTRIBUTORS

Stanley Gross 5105 Capitol Avenue

Omaha, Nebraska 68132

Phone: 556-5127

William Perry, KAØBWT 2318 South 123rd Avenue Omaha, Nebraska 68144

Phone: 333-9013

Robert L. Rowles, WB3HCY 5530 South 86th Plaza-Apt. #8

Omaha, Nebraska 68127 Phone: 592-0939

December 1978

Repeater 34/94

David B. Hamilton, WDODLN Richard L. Mrsny, WAOFTH Charles E. Rodgers, WOQQN

Repeater 22/82

Charles E. Rodgers, WOQQN

Repeater 40/00

Richard L. Mrsny, WAOFTH Charles E. Rodgers, WOQQN

Thanks to you all!

HAM HUM

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KÖPQR Tom Thiessen

WBØEGR Pat Scolla

MERRY CHRISTMAS WBØQGV Jim Peterson

KODG Dick Jugel

KOTVD Chuck Sudds

WBØYZR Everett Dietz

WBØPDJ Ken Walker

WBØMPC Irene Mulick

WD8LOQ/Ø Mike Bruening

KAØBJW Don Honke

WAOVEE Russ Minks

KØJBC Harold Jacobs

WØYZV Dick Eilers

KAOAAA Bill Fehrman WBØDLM Bill Moeller

WOQQN Charlie Rodgers

WAØFTH Dick Mrsny

WBØJPN Jim Wilson

KOOVL Charlie Michel

WBØNVL Chuck Hoffman

WDODLN Dave Hamilton

WOEKB John Draus

KAØBAK Sandy Hamilton

WBØWYE Phil Trainer

WAØIWF Frank Wolezak

NOZX Bill Abbott

WAØVSR Ed Holyoke

WØYDV John Ferrel

WØFHA Harold Wetzel

WDØHBY Ed Hofmann

WAØROP Rick Stansbury

WØFQB Art Gaew

K9BL Bob Neben

WBØWOT Scot Thompson

WBØLYU Bob Conley

and

WØGFQ Leo Meyerson



VHF COLUMN

DX openings have been occurring this fall on six meters according to reports I have been receiving, some from the Midwest area.

On October 27th, Larry NØLL, worked K4ERO/HC1 in Quito, Ecuador at 1805 UT. Larry is in Smith Center, Kansas (North Central Kansas) and keeps an ICOM 502 at his place of business to monitor 6 meters.

The east coast has been working stations as far south as Argentina on 6, the latest being November 4th when Hawaii was worked by several stations also. KZ5NW is active on six and is being worked by Texas and east coast ops. I understand that KØZXP, Missouri, worked into South America within the last two weeks also.

Again it boils down to keeping the rig on and monitoring around 50.110 MHz to catch these openings. The F2 openings are occurring during daytime hours when most of us are at work but there's always the weekends.

With the chance of more and more DX openings occurring on six meters during the next few years, several sources are asking that we try and stay off of 50.110 MHz for local ragchewing and move up to at least 50.125 MHz to allow those DX stations to be heard. 50.110 is the National Calling frequency and we have all ragchewed on it at one time or another, but let's clean up our act and after making contact on 50.110 let's QSY up band and let someone else use the frequency.

Openings noted locally: 50 MHz-Es the 20th, 22nd, 23rd, and 29th of October, and 4th, 8th, 14th and 15th of November. An aurora was noted 0215 UT 11/8 on both six and two meters into Ohio, and those states north of us.

Now that cooler weather is upon us, turn on the rig and at least monitor 6. What you hear may surprise you.

Happy Holidays to all and go (VHF DXing.

John E. Bruckner, NØAJU



You've Heard of Cold Duck? 3340 h

John M. Gebuhr 2340 North 64th Street Omaha, Nebraska 68104

Soon now you will also hear of Kulduckies! Watch for the announcement story on a new series of antennas from Larsen called Kulduckies. Yes, they are for hand-helds the name is a take-off on "rubber duckies." no ordinary shorty, flexible, rubber covered antennas these. They're specifically designed to give that extra communication plus that is synonymous with the Larsen name.

Convenient Heathk Revolving Credit available... ask us for full details



MERRY CHRISTMAS and BEST WISHES for a HAPPY NEW YEAR

> From the staff at HEATHKIT ELECTRONIC CENTER

Bill Wilkinson, CET, technician Steve Robertson, CET, technician Roger Svoboda, store manager

We will be open MONDAY-FRIDAY from 8:30 AM to 9:00 PM and 9:30 AM to 5:00 PM on SATURDAY from DECEMBER 11 through DECEMBER 23 for your holiday shopping needs.

Give a HEATHKIT GIFT CERTIFICATE



HOURS: THURS. 9:30 to 9:00 TUE., WED., FRI., 9:30 to 6:00

Sat. 9:30 to 5:00. Closed Sun. & Mon. HEATHKIT Electronic Center

9207 MAPLE 391-2071 FREE Heathkit Catalog

From WAØGEH

11/8/78

Jim Peterson, WBØQGV President, Ak-Sar-Ben Amateur Radio Club, Inc. Bob Neben, K9BL Emergency Coordinator, ARES Omaha, Nebraska

Just a short note to tell you that alas, we have made it to Denver. Our new address (for Ham Hum) and for the members is:

> Marty Griffin, WAØGEH 1647 E. Geddes Circle N. Littleton, Colorado 80122

We will be moving the whole family over Thanksgiving weekend to our new home which is located on a hill overlooking Denver (VHF!) I hope to have the station back on the air this spring after I upgrade this winter.

I sincerely wish to thank the Ak-Sar-Ben Club members for the nice commendation I received which states that the Ak-Sar-Ben Club appreciates the contributions I have made over the years. However, if you would permit me my last "soapbox stand," I would like to iterate what this Club has done for me.

- My most prized asset in life I count as good friends. The Club has permitted me to grow rich with friends from every walk of life, held together by the common bond—amateur radio.
- 2. 1 enjoy a rather "paternal" satisfaction as I have observed ARES grow from a charter group of 31 people with a will to communicate to a nationally recognized, sophisticated Emergency Communication Service. My experiences with various disasters and projects has taught me the value

of being a good communicator in all aspects of life. I have had the pleasure of representing amateur radio and the Ak-Sar-Ben Club with governmental agencies. Meetings with the mayor, city council, county board and definit military officials have broadened mv outlook of the government process as learned in high school civics. I rest assured that under present and future leadership, ARES in the Omaha area will continue to set the pace for the rest of the nation.

- 3. The '76 Midwest Convention taught us about becoming coordinators. We learned about small businesses, motel management, economics, market analysis techniques, pricing techniques, cash flow, negotiating, compromising, budgeting and small details. We also learned the rewards of success and the "agony" of failures. It taught me that a large, unified and motivated group of volunteers can really put one together.
- 4. My tenure on the Board taught me to hone whatever leadership ability I had, how to properly problem solve, compromise, and to express the power of my convictions.
- 5. Programs at Club meetings have broadened by interest in other modes of amateur radio. My association with highly competent members has helped me increase my technical abilities (I can now solder!) Hi!

In summary, I am deeply gratified by the commendation and the appreciation. However, I feel that I have benefited immeasurably a thank the members for trusting inwith the opportunities to grow. As Tom Thiessen and I expressed with pride at the Kansas City ARRL Convention, "We don't have a problem

OF, BY AND FOR THE BADIO AMATEUR CERTIFICATE OF APPRECIATION

QST-

MARTY GRIFFIN

WAØGEH

FOR OUTSTANDING SERVICE TO THE DOUGLAS/SARPY COUNTY

AMATEUR RADIO EMERGENCY SERVICE AND THE AK-SAR-BEN

AMATEUR RADIO CLUB. MARTY GRIFFIN WAS A MEMBER OF THE

ARES CORE GROUP AND WAS THE DOUGLAS COUNTY EMERGENCY

OPERATING CENTER COORDINATOR. HE ALSO SPENT INNUMERABLE

HOURS AS ONE OF THE FINEST NET CONTROLS DIRECTING SEVERE

WEATHER WATCHES AND SPECIAL EVENTS. HE CONTRIBUTED

IMMEASURABLY TO AK-SAR-BEN AMATEUR RADIO CLUB PROJECTS.

IN PARTICULAR, HE PLANNED, COORDINATED AND DIRECTED THE

1976 ARRL MIDWEST CONVENTION. IN APPRECIATION FOR YOUR

OUTSTANDING WORK FOR THE BETTERMENT OF THESE ORGANIZATIONS,

WE PRESENT THIS CERTIFICATE NOVEMBER 1, 1978.

Robert H. Neben K9BL

Emergency Coordinator Douglas/Sarpy County ARES James Peterson WB@QGV President

glas/Sarpy County ARES Ak-Sar-Ben Amateur Radio Club
THE AMERICAN RADIO RELAY LEAGUE. INC.

ADMINISTRATIVE HEADQUARTERS NEWINGTON, CONNECTICUT, U. S. A. 08111

motivating the Ak-Sar-Ben Amateur Radio Club members because people realize that each project, no matter w small or large, is also a af-improvement project. Each member feels a moral obligation to somehow be a part of the "action." It is with that I wish this Club continued

success and may it always be regarded as one of the "leading edge" amateur radio clubs in America.

Let's keep in touch if you can't get me on the Squaw Mtn Repeater, call long distance (we telephone people love it!).

Marty Griffin, WAOGEH

December 1978

HAM HUM

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LADIES ONLY

As everyone knows, the Ak-Sar-Ben Club has one of the finest education be found-Bob committees to (WAODHU), Bob (WBOLYU), and Lloyd (KØDKM). But have you ever wondered just who did the "leg-work" to make them such a successful bunch? It's Ellen (WBØHWF). And what a fine job she does...behind the scenes! As secretary to the Education Committee she writes letters or makes phone calls or whatever it takes to contact all those who have indicated an interest in amateur radio. She provides these people written material about the Club and the code and theory classes which are conducted.

Surprisingly enough, sometimes it is schools as well as individuals who want to know more about this hobby. She has also corresponded with the FCC in Kansas City about testing for those handicapped hams in the area who would not be able to reach a testing site. And did you know that all of the invitations for the Open House at the

(See first column next page)



JCC in December '77, were Ellen's handiwork? Is it any wonder that she hasn't taken the time to get that 13 wpm to upgrade herself when she's so busy keeping the rest of us aware of a "lable classes?? A salute to you, i, for your excellent work on the Club's behalf!

Again, Omaha is losing two fine hams...this time to Crissom AFB. Indiana, Eric Juhre' (WBOARZ) and his XYL Kanza (who holds the novice ticket WBOZKJ) will be leaving in December. Kanza needs to stay until Ralston High School closes for the Christmas holiday before she can leave, however, since she is completing her student teaching in home economics there. She has been a ham for almost 2 years now, but has "kept it a secret" from the rest of us. HI! HI! No, the truth of the matter is that she has been so busy with school that she hasn't been as active as she'd like to. She's hoping to upgrade soon. So when we hear her on the air from "nineland." we'll remember WBOZKJ/9 is really one of us!

And speaking of YLs on the air...has anyone heard Loretta (WBOMNL) on lately? Well, I had to use the telephone to find her! But she says she has a legitimate "excuse"...a moving project. Hope to hear her on more, soon.

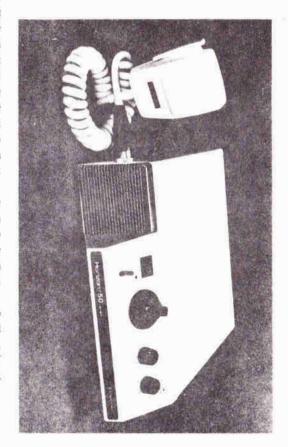
It has been interesting talking to many of you the past year to find information for this column. However, this will be my last one because of mely limited time. Hope to talk to you on the air anyway.

So long, Jill, WBONYH Horizon 50

The Horizon 50 includes major U.S. and Canadian channel. Incorporating the in marine electronics nology, the Horizon 50 sents a price breakthroug fully synthesized radio.

repre-

John M. Gebuhr 2340 North 64th Street Omaha, Nebraska 68104 Phone: 553-6414



December 1978

HAM HUM

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ACTION REAL ESTATE

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STOP! LOOK UP! AVOID POWER LINES.

Serious and even fatal accidents can occur when an antenna or any metal object contacts overhead power lines. If you are putting up a tower or antenna, observe these rules:

- Check for overhead power lines, Every wire should be considered dangerous. Remember, they are not insulated.
- Make sure there's more than enough clearance for carrying, raising or lowering the tower. It's easy to misjudge this clearance.
- 3. 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

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.

WANTED:

Johnson Valiant and Heathkit SB-10 or Central Electronics 20A. State condition and price. I have a PMR-7 and repairable AF-67 with PSR-612 AC/DC power supply. Make offer. Also have a repairable RCA Carfone converted to 2 meters with AC power supply. Make

Ron Erickson, WBØGDA, R. R. #2, Box 89, Essex, IA 51638;

phone (712) 379-3230

FOR SALE: National radio transceiver units NCX-5 Mark II 200 watts input. I also have rare VX-501 remote VFO, all in mint shape. Will deal on price.

> Charles A. Michel, KOOVL, 8720 Charles St., Omaha, NE 68114; phone (402) 391-3782

FOR SALE

OR TRADE: SB-303 Heathkit Ham solid-state receiver SSB with manual, AM & CW crystal filters-\$180.00 or trade for general coverage receiver, computer or photographic equipment;

> Enlarger, Omega Automega D5 without lens-\$200 or trade for general coverage receiver, computer or photographic equipment.

Thomas F. Smith, 2708 Calhoun St., Bellevue, NE 68005; phone 292-6031

FOR SALE:

Turner Plus 2 power mike; one pair matched 6LB6's for Galaxy

transceivers:

Euphonics push to talk mobile mike;

Craig 8 track stereo tape deck for home stereos.

Dick Wolf, KØTVF; 9605 Ames Ave., Omaha, NE 68134; phone 571-1502

FOR SALE:

ICOM 215 Transceiver-\$165.00:

HAMMARLUND HQ 170-\$160.00. Both in mint condition.

Dick Mrsny, WAØFTH

Phone days 391-2312; Eves 779-4737 *******

Christmas

Dear fellow "Hams":

Thanks for your patronage in 1978.

Best wishes for the coming year, and may you all have a joyous Christmas



CLOSED Dec.**24**Thru Jan.**15**





HOURS THURS, --- NOON TO 5PM SAT. ---- 9AM TO 5PM.

> 1601 AVE D. BOX 864 COUNCIL BLUFFS 10WA 51501 (712) 323-0112