

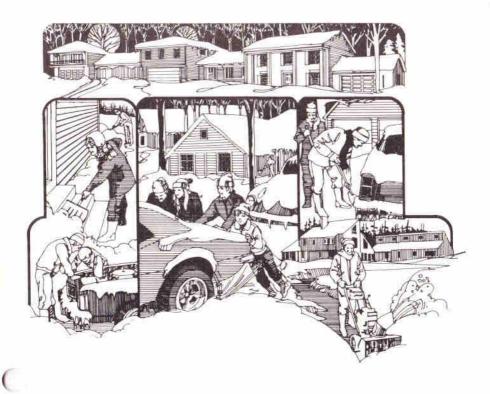
HAM HUM

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

February 1981



Vol. XXXI No. 2



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.

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Dues-Annual Basis

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Regular member\$3.00 Regular member and spouse . . \$3.60 Student member\$1.05

FEBRUARY MEETING

WHEN:

FRIDAY, February 13, 1981

TIME:

7:30 P.M.

WHERE:

DOUGLAS/SARPY COUNTY CHAPTER

AMERICAN RED CROSS 38TH AND DEWEY AVENUE OMAHA, NEBRASKA 68105

PROGRAM:

DEMONSTRATION OF THE COMPUTERIZE

RED CROSS RTTY MESSAGE SYSTEM BY

DICK EILERS, WØYZV.

PREZ SEZ

First of all, I would like to thank Jerry Nielsen for a very interesting program. It's nice to hear about someone else's RFI problems for a change. Also, we had letter stay a long way from those 4K volt lines. Tnx again, Jerry.

A special Tnx to our Equipment Committee (NØAIHJim and WBØ-WOT Scott) for the fine job they did of cataloging our equipment, even to the extent of showing what is operational and what is not and also where it is located.

We got some help for the Auction but need a LOT more, so those of you who are hanging back, please step forward and be counted. Remember you only get out of it what you put into it. So, let's all pitch in and help. This month starts a new feature by WØVLI Lou, with his "In Retrospect" or days of knob and tubes. Reports from our Club's past. Sounds like it will be very interesting and you "old-timers" out there may add a great deal to this by your help in reminiscing. Get Involved!

If anyone has any special program you would like, I am sure our program Chairman, KØDG, Dick would appreciate any ideas you may have. Also the Board is always open for any of your comments or suggestions. Remember, let's all get INVOLVED!

De Jim, WBØJPN

BEHOLD THE TURTLE! HE MAKES PROGRESS ONLY WHEN HE STICKS HIS NECK OUT.

NEW MEMBER ADDITIONS TO ROSTER

Clarence L. Adams, KØRRM Box #217 Fort Calhoun, NE 68023 Phone: 468-5834

Robert D. Bartlett, KBØNJ P.O. Box 37 Essex, IA 51638 Phone: 712-379-3619

Mae Brandt, (XYL) of Edward W. Brandt, KAØHIY 3510 Ninth Ave. Council Bluffs, IA 51501 Phone: 322-2918

Carolyn Conley, (XYL) of Robert A. Conley, WBØLYU 2562 Bauman Ave. Omaha, NE 68112 Phone: 451-0707

John A. (Jack) Howell, W6NXF 11812 S. 32nd Omaha, NE 68123 Phone: 291-8813

Terry R. Reynolds, W@UVC 1706 Bowie Dr. Omaha, NE 68114 Phone: 391-6598

Ralph R. Schlick, NØBOQ 4681 Mayberry Omaha, NE 68106 Phone: 551-4895

Douglas A. Sebranek, KAØG Route 1, Box 62HH Columbus, NE 68601 Phone: 402-563-2450

Don M. Skomal, WBØYGK 1010 Mercer Pk Rd Omaha, NE 68131 Phone: 553-8664

MINUTES OF THE GENERAL MEMBERSHIP MEETING Held January 9, 1981, at the RED CROSS BUILDING at 38th & Dewey Avenue, Omaha, Nebraska

The meeting was called to order at 19:30 hours by President Jim Wilson, WBØJPN. Meeting began with the Pledge of Allegiance.

New members — John A. Howell, W6NXF; Ralph R. Schlick, NØBOQ; Clarence L. Adams, KØRRM; Don M. Skomal, WBØYGK; Terry R. Reynolds, WØUVC; Mae Brandt, XYL of Edward Brandt, KAØHIY; Carolyn Conley, XYL of Robert A. Conley, WBØLYU; Douglas A. Sebranek, KAØG; and Robert D. Bartlett, KBØNJ. Motion by Ray, WDØGIL, and seconded by Bob, WAØDHU, that the new members be admitted to the Club. Approval was unanimous.

Due to the postal rates, several dozen membership cards and

certificates were handed out to those paid for year 1981.

Bob Lockwood, WAØDHU, gave a report on how the code and theory classes are going. There are 25 in the Novice Class and a good number in the General. The Advance and Extra class have nine.

We have no Repeater report, only that 34/94 needs donations.

The Auction — Charlie, KAØEBD, gave a report as to the kitchen and food part. We will buy and prepare our own food this year and serve regular meals or short-cut meals. The profits will go to the Club and not an outside organization. We will need some help in the kitchen to serve, prepare, fix the tables, etc. Are there some XYL's or some teenagers who would like to come out and give us a hand. It'll be fun.

Mike, NØAON, gave a report on a DX Competition which will be the

first weekend in March.

Louis Cutler, WØVLI, has HAM HUM's for the last 27 years back to 1955 or so. He will have some articles in our publication giving some of the highlights.

Charlie, KOQVL, is our Courtesy Chairman. If a card is in line for either

the ham or the XYL, please let Charlie know.

Tom, KØPQR, read several articles from the HR Report. Motion and second that the business meeting be closed.

Program for the evening

Gerald Nielsen, Omaha Public Power District Field Supervisor — Communications gave the program on radio interference. The program and demonstrations were very informative and he answered many questions.

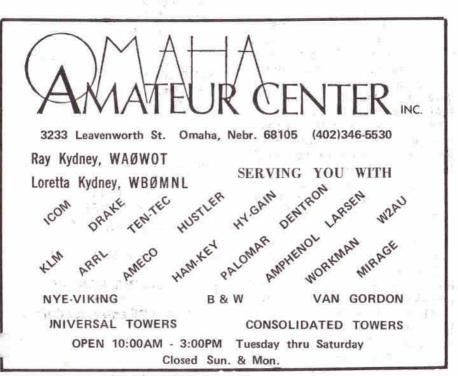
Dougnuts and coffee followed. Program concluded at 22:15 hours.

> Club Secretary, Ellen, WBØHWF

1981 AUCTION

THE 1981 AUCTION WILL BE HELD ON SUNDAY, MAY 3, 1981 AT AMERICAN LEGION POST 374, 4760 SOUTH 135TH, MILLARD, NEBRASKA. SEE SECRETARY'S MINUTES FOR FURTHER DETAILS.

JIM SANFORD, NØAIH CHAIRMAN



NOTES FROM A SANTA'S HELPER

Sunday, December 21st, five of us hearty hams, (WBØYUY, WBØ-HWF, WBØUQI, NØAZG, KAØ-DKO) took our HTs to Childrens Memorial Hospital and for an hour and a half, played Santa's Helpers. Our tour of duty was on the second floor and the youngsters that we handled traffic for were from 2 to 6 years old.

The first girl I talked with, 2 year old KARI, was real shy at the beginning because, as her mother explained, she had been hurt already by too many people carrying black boxes. After a short period of "breakdown," her defenses weakened and she got her chance to talk to Santa (NØAIH) who was ably supported by Mrs. Claus, Rudolph, and one of the Elves, (Jim's family). As Santa talked to each child, they also talked to the Elf, Rudolph or Mrs. Claus.

My story to tell revolves around a special little guy, PAT, age 6 or so. As we waited for our turn to talk to Santa, Pat heard Rudolph talk to one of the other children. Pat's eyes got as big as saucers and he was EXCITED with a capital x-ray. However, when it was Pat's time to talk to Santa, it was also the Elf's turn and Pat talked to the Elf instead. After we signed clear, Pat obviously was unhappy. Big tears welled up and his mouth turned down. It seems Pat had a message just for Rudolph, and the Elf just did not do the job. We waited our turn again and reestablished a priority traffic contact with Santa and Pat had his chance to deliver his message to Rudolph direct.

What was the message?
"MERRY CHRISTMAS, RUDOLPH. DON'T YOU GET
SANTA LOST OR HAVE AN
ACCIDENT, OR ELSE----."

And so we left Children Memorial, happy in our feeling that we helped carry on the old story, "Merry Christmas to all, and to all, a good night."

Lysle Renne, KAØDKO

ADDITIONS TO ROSTER

Robert L. Grinnell, WDØFDE 11014 Harney Omaha, NE 68154 Phone: 333-0525

Darrell W. Stevens, WAØEAY 407 S. Sixth Red Oak, IA 51566 Phone: 712-623-4328

1981 MIDWEST CONVENTION

OCTOBER 3rd & 4th
in
SALINA, KANSAS
at the
Salina Bicentennial Center

Contact WDØBNC John Shoult for info:

2157 Edward Salina, Kansas 67401 (913) 823-6624

HAMBOREE 5

SATURDAY, MARCH 21, 1981 MARINA INN SO. SIOUX CITY, NE

Doors open 9:00 AM

More than 7500 square feet for Exhibits and Flea Market. Sponsored by the 3900 CLUB and the SOOLAND REPEATER ASSOCIATION.

TALK IN ON 2 METERS ——
.37/.97.

QST's Stuart Leland W1JEC, Editor of Hints and Kinks, will be here and will present two different programs.

There will be over ten programs scheduled during the day's activities, including the QSL Bureau and ARRL Forum.

Again, we will have an outstanding group of Commercial Exhibitors.

FLEA MARKET All Day. Bring your surplus gear. Reserve your 3x8 ft. table for \$2.00. Contact Al Smith, WØPEX, 3529 Douglas St., Sioux City, Iowa 51104

PRIZE DRAWINGS ALL DAY— You must be present to win.

DINNER BANQUET 6:00 PM. Toastmaster WA@GQK, John Daniels.

SPECIAL PROGRAMS AND ROOM FOR THE LADIES. Silk Flower Demonstration.

For more information contact WØFZO Dick Pitner, or KØTFT Glen Holder.

For ADVANCE TICKETS and 10TEL RESERVATIONS conact WØDUN Jerry Smith, Box 14, Akron, Iowa 51001.

Advance Registration including Banquet \$10.00. At the door \$12.00. Hamboree only (no dinner) \$2.00. A good lunch will be available at the Marina Inn. PLEASE GET YOUR RESER-VATIONS IN AS SOON AS POSSIBLE.

RECENT CONTRIBUTORS

34/94 REPEATER

Ralph R. Schlick, NØBOQ Virgil P. Wamsat, KBØBW Larry T. Bock, KCØR Brian Zdan, WAØAJI Floyd H. Schadendorf, WBØLXP Darrell J. Bermel, KAØEAS Lawrence F. Caccomo, WØNMN LaVern F. Labenz, KAØEAD William R. Francisco, WAØPAL Joseph D. Connell, WØLHZ Ronald L. Sundsboe, WAØMQM Elliot S. Hamilton, WA9JIQ

40/00 REPEATER

Brian Zdan, WAØAJI
Floyd H. Schadendorf, WBØLXP
Darrell J. Bermel, KAØEAS
Jon J. Penner, WBØGQT
William R. Francisco, WAØPAL
Joseph D. Connell, WØLHZ
Larry T. Bock, KCØR
Virgil P. Wamsat, KBØBW
Dick L. Eilers, WØYZV
Ronald L. Sundsboe, WAØMQM
Elliot S. Hamilton, WA9JIQ

22/82 REPEATER

Brian Zdan, WAØAJI Darrell J. Bermel, KAØEAS Joseph D. Connell, WØLHZ Virgil P. Wamsat, KBØBW

HAM HUM

M. Mahre

POSTAGE

William R. Fransciso, WAØPAL Charles W. Boegel, Jr., WØCVU

"IN RETROSPECT" (How HOBBIES are born) By Louis A. Cutler, WØVLI

Part I

I would like to take you back to my early youthful life in Omaha where I have lived all of my life. Naturally, I have seen and participated in a lot of activities. One of my experiences was selling newspapers on the day the Armistice was signed ending the WWI conflict.

However, before the ending of the WWI, a display of seven aircraft from the War Zone in France, were on exhibit here in Omaha. The year was 1917, and the purpose of their arrival was the need for people to buy "Liberty Loan War Bonds." At that time I was a second class Boy Scout and had the opportunity of being in the front line of the show and was able to see the planes and pilots. My job was to keep the crowd back with the aid of my 10 ft. stave, so that no damage or injury to the planes or people was involved. For those who don't know where this exhibition was held, the ground where Benson High School is at present was a big vacant piece of ground.

Getting back to my early school days in the primary grades; the year was 1910 and the local newspaper, "The Omaha Bee" advertised an airplane would be on exhibit at the State Fair Grounds at Lincoln. When this airplane arrived in Omaha, it flew around the school and of course, I made a dash to the windows to see this plane and pilot fly past the window. What a thrill to witness the pilot sitting out in

front of the wings with very little to hold him in place. The plane was a pusher type, built by the Wright Bros. My love for the airplane was beginning to blossom into a "HOBBY" of mine that was to come later.

Shortly after the end of the WWI, the Airmail was introduced into Omaha. The aircraft used for this venture were the DH-4 that were declared war surplus and made a gift to the Post Office Dept. The field chosen for operation of the airmail was the present site of the Ak-Sar-Ben parking lot at 63rd and Center Streets. The only landmark still remaining from those early days of the mail field is the Chinese Restaurant on the south side of Center Street, across the street from the entrance to the Ak-Sar-Ben gate.

My interest in spending my Saturdays and Sundays at the Ak-Sar-Ben field was twofold. The antenna strung across the hangar between two steel 75' towers was one of them. Having had my freshman, and now my sophomore year at Commerce High School in Wireless Telegraphy, this antenna and the type of communication was something I had to see and find out how it worked. enthusiasm eventually inspired me to keep up my radio class at school. I would like to relate the event that led to the location of the airmail hangar to Fort Crook a strong wind that collapsed the hangar at Ak-Sar-Ben fiel Along the perimeter of the field was a rubber-covered wire that was wired with small bulbs to outline the field. I was given as much of this wire as I wanted.

Page 8 HAM HUM February 1981

This was my first desire to string up my antenna for radio use.

When war was declared with Japan on Dec. 7, 1941, I was well enough along in my flying hours to have soloed, and had accumulated about half of the equired number of hours to qualify for a private license. By the end of the year 1944, I had enough money to pay for the solo hours and had passed my written portion of the examination for a commercial license. It is safe to assume that Aviation was to be one of my "HOBBIES."

In my next "IN RETROSPECT" I will give you the story of the beginning of Radio Communication in the Airmail Period. Also the type of air-to-air equipment and the ground-to-ground oper-

ations.

Louis A. Cutler,WØVLI

USERS - HELP!

40-00 needs help! After about 5 years, the antenna has gone bad. The replacement should be here and installed by this printing. I have seldom asked for donations before, but I must on this one. Since the first one, the cost has gone up about 70% and before I'm done, it looks like the bill will come to nearly \$275. So if you use it and have a couple of extra dollars laying around, I could use them to cut my cost on the antenna.

Second item: In recent months have noticed a tendency in autopatch use which could create some potentially serious problems, particularly in connection with a 911 call. Namely, when you

are finished with the call. FIRST shut off the patch and let the repeater drop to make sure it's off BEFORE you sign clear. This applies on all autopatch repeaters. If you don't shut off the patch when a 911 call is completed, the 911 operator hangs up and 911 is automatically re-rung. So while you're giving your call, date, time, etc., in clearing (if the patch has not been disconnected) 911 answers again, thinking it's another call, hears your touch tone, thinks it's a prank and seizes the line. The next user of the patch gets 911 whether he wants it or not. In other words. BOTH ends of a 911 call must hang up to terminate the call. On other calls to ordinary numbers it's not as important, but is still a a good habit to get into. So, once again, when you've finished a patch conversation: 1, shut off the patch, then, 2, sign clear (and on 40-00, don't forget to give the date for the log).

Just as a matter of interest, it is not necessary to give a repeater's call, except when signing clear of an autopatch or clearing after using some other special function of a repeater, such as the tapes on 34–94. Except for these 2 cases, giving the repeater's call is strictly your option.

John Gebuhr, WB@CMC

ADDRESS CORRECTION

Q. M. Marty Schoenheiter, WDØEFZ/7 510 N. 1000 West Salt Lake City, UT 84116

MINUTES FROM THE BOARD OF TRUSTEES MEETING Held at the RED CROSS BUILDING on January 7, 1981, at 19:30 hours

Members present: Walter Brown, KAODMB; Thomas Thiessen, KØPQR; Mitch Gagne, NØAZF; Dick Jugel, KØDG; Charlie Rodgers, WØ QQN; Chuck Hoffman, WBØ NVL; Dick Fehrman, KAØ AAB; Jim Wilson, WBØJPN; and Ellen Morrissey, WBØHWF.

Two guests were Jim Sanford, NØAIH and Charlie Peaker, KAØEBD. Two absent were Mike Bruening, NØAON and Ed Hoffman, WDØHBY. President Jim, WBØJPN, introduced the new Board members and all were accepted. Ellen Morrissey, WBØHWF, was elected as Secretary for

the second year. This was approved.

Dick Fehrman, KAØAAB, read the Treasurer's report and it was unani-

mously accepted.

Motion by Mitch, NØAZF, to appoint a Finance Committee to be selected by the Board to advise us what to do with our funds. Seconded by

Tom. KØPQR. All were in favor; motion passed.

Jim, NØAIH, gave a report on the Auction. Location is American Legion Hall at 135th and L St. in Millard, Date is May 3, This location was gotten because of lower rent and it has a complete kitchen. We are going to prepare our own food as Salisbury steak dinners, Hamburger plate, Hot Dog plate, bottled pop, coffee and milk. Charlie Peaker, KAØEBD, is in charge of purchase and preparing the food. The door prize will be donated and we don't know whether it will be one large item or several small ones for a drawing each hour. We will need 25 people to volunteer on the floor and in the kitchen. Motion by Tom, KOPQR, to give the Auction Chairman up to \$600 for auction expenses to be used at the discretion of the Auction Committee. Seconded by Chuck, WBØNVL. Motion passed.

Motion by Dick, KAØ AAB, that ballots should be preprinted, but without names. Seconded by Charlie, WØQQN.

Motion and second to adjourn at 22:10 hours.

Club Secretary. Ellen, WBØHWF



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LETTERS

2407 Alden Ct. Woodbridge, VA 22192 17 December 1980

AK-SAR-BEN Radio Club P. O. Box 291 Downtown Station Omaha, NE 68101

Hi, Gang,

Time for one of my sporadic letters — plus maybe setting a new record for me getting my dues in on time.

I work into Omaha once in a while, but have not yet run into any of you that I knew back when I lived there. (Although I'm not on a lot, I do look for Nebraska -I've work it on 40 thru 10 for 5BWAS, but only have a card for 10.) In any case, I hope to be back there to stay in another 2 years. I'm planning on retiring from the Navy then, and we'd like to come back to Omaha to live and start another career. It's the only place we've lived in the states that we like well enough to settle down in - and we like it a lot. Besides, AK-SAR-BEN is still the best radio club I've ever been associated with.

Not much new to report from here. I did get an 80M antenna up a few months ago and get on 80/75 from time to time. I've built a four-element quad for 2 meter SSB/CW, but haven't quite got it up in the sky yet. A friend and I went to the Virginia state convention a while back and found that they could use a lesson from you all about how to run a good convention. One thing that is well done around here is hamfests. There are so many

hams and clubs that there's a big one every time you turn around, from April or May through September.

Well, guess I'll sign for now. I might be sent to Offutt for a couple of weeks of temporary duty in late January or February If that comes to pass, will bring the hand-held and get in touch on the repeaters.

73, Dave Wells, K5QJG/4

ADDRESS CHANGES

Verla Kay Larwick, KAØBDM 3490 S. 82nd, Apt. #2 Omaha, NE 68124 Phone: 392-0219

Rev. M. Eugene Mockabee, KØDNV 645 Seventh Ave. East Kalispell, MT 59901 Phone: 406-755-1464

ROSTER DELETION

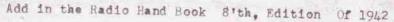
Arlis R. Wyatt, WDØGIK 1250 Dorchester Drive Alexandria, LA 71301

"In all that the people can individually do for themselves, government ought not to interfere."

—Abraham Lincoln

"Government is not reason, it not eloquence—it is force! Like fire it is a dangerous servant and a fearful master."

—George Washington



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624

DITCH WATER Leon, KØGE

One problem with compressing an article into something brief enough for this paper, makes it easy to inadvertently convey erronious impressions. There was no intention in a recent article to come off as being anti ARRL. I fully recognize the desirability of a national organization of hams. I realize that it is wise to have a lobby in Washington, and sometimes in states, cities and counties.

Actually, I was calling attention to a national tendency which is disturbing, which is the disregard of truth. I have been astounded recently. to see incorrect statistics published on all kinds of subjects. Now, I am not speaking of manipulation of statistics to suit a purpose, this is bad enough: am speaking of just plain incorrect statistics. We have become so statistic conscious. that apparently writers feel that they must include them whether they know the correct ones or not. This thing started, I think, in local radio and has now filtered up to network TV. Just switch from one radio station to another, all local, all getting their information supposedly from the same source and hear the difference in weather information. True, the present temperature is not vital but if one is giving temperature. should it not be accurate? Check the difference sometime of statistics quoted by say a Paul Harvey, as opposed to those used by Time magazine.

What does this have to do with QST? Well, more loose talk. I am not a religious reader of QST, but

I have never seen a bad review of equipment. Of course the people who make this gear spend money with QST. Is that the reason nearly all products are so beautifully written up? Surely not. Point in fact: The December QST reviewed the 101ZD, OK, a fin rig, solid, some nice innovations, true. But in the article they mentioned how stable the 101ZD is. That is, stable to what, maybe a Swan 350? Probably stable compared to that. But compare it to a 520, they just don't pass. If you want to use only the receiver. never transmit, then pretty good. QST is, in my book, a somewhat technical paper, hence could be rightfully expected to print things as they are. If it is too dangerous to review equipment honestly for fear of local advertising, forget it. don't review.

What I am trying to say is that all of us, when we are on the air. should try to be accurate. You never know who is listening. I recall back in 1947, when I first started a commercial radio show. how sure I had to be that all facts were accurate. Quotes had to be quotes. Incidentally, we were expected to know the correct pronunciation of each word used. even adlibs. How does that compare with today? It might as well start on the ham bands. Let's start trying for accuracy, using correct procedures, etc. A little pride will go a long way toward making the ham bands even better than they are.

From the banks of the beautif Bessemer Ditch,

Leon

de Grid Leak, Pueblo, CO

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.

FOR SALE:

Drake Twins — T-4XB, R-4B, MS4, AL4; factory reconditioned 1977. All audio filters, calibrator xtals for

extra bands. Asking \$800.

TH3 Mkz tri-band beam (Hy-gain) — \$125. CDE TR-44 rotor, control box, cable — \$50. 10 ft. very sturdy rooftop mount — \$50. Asst'd 2M ant. — beams, Ringo, Ant. Lafayette S.W. Rcvr. HE-10 — \$25.

Paul Sherrerd, WBØBKZ,

613 N. 43rd St., Omaha, 551-2139

FOR SALE:

Clipperton-L 2KW Amplifier with Dentron CM-1 tuned

input. \$450 or best offer.

Ron Erickson, AKON, R.R. 2, Box 89, Essex, Iowa 51638

Phone: 712-379-3230

AVAILABLE: NO CHARGE Nine Years of 73 Magazine, approximately 1970 through 1979. Call Kent Sinram, WBØBOR, 571-7423.

FOR SALE:

EBC 144 Jr. Two meter 20 watt synthesized with prior-

ity feature. Asking \$300. Phil, WBØWYE — 333-6677

FOR SALE:

Brand new 40 HDBX Rohn 40 ft. self-supporting tower complete with hinge base. Asking price \$250.00. Lysle Renne, KAØDKO; Days 453-2200;

Nites 455-0805.

FOR SALE:

Collins R388 rack mount Receiver, very clean cond. —

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SB101 with cw filter, power supply & speaker—\$300.00.

ICOM 22's 2M FM — \$175.00. Layfayette HA350 Ham rec. — \$50. Bill, WA@PAL, 558-0371 (after 5 pm) Hi Inc.

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Increase the Average-to-Peak Power Output of Your Transceiver.

The TEN-TEC Model 234 Speech Processor accessory materially extends the operating range of ssb transmitters under adverse and low propagation conditions. Along with Model 214 Microphone, it converts the audio signal into an ssb signal, clips and processes it through a four pole monolithic filter for greater average envelope power and then converts the processed signal back into audio. The processor can be used with any TEN-TEC transceiver without derating the transceiver power limits, or with other makes of transmitters, which may or may not require operating them at a lower power level due to the increased average power.

Model 234 provides for adjustable levels of processing and output amplitude with front panel controls. A switch to disable the processor if desired, and a PASSBAND adjustment are also provided. It requires a nominal 12 VDC power source which may be provided directly from any TEN-TEC power supply, or from a calculator type plug-in AC adapter which supplies 12 VDC @ 75 mA. Model 214 Electret Microphone is designed to be used specifically with Model 234, is powered from it and comes with a coiled cord and four terminal connector.

STORE HOURS

Wed/Thur/Fri-12/5; Sat-9/5 (Closed Sun/Mon/Tues)