



HAM HUM

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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

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Copy Deadline for April is March 18.

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

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

NEXT MEETING

WHEN: Friday, March 11, 1983

TIME: 7:30 P.M.

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

PROGRAM: "Midlands ARES Severe Weather and
Communications"

Jim Sanford N0AIH and Mitch Gagne N0AZF

PREZ SEZ

Spring may not officially be here yet but it's close enough to start thinking seriously about the outdoors. When the thermometer hits 50 or better it's time to start antenna work, tightening guy wires, and checking connections — and anything else in the sun.

This time of year also brings on "storm" season with wind, rain, lightning, and an occasional tornado or two. That will be the theme of this month's program, and we encourage you to attend. Knowing how to identify storm clouds and the procedures to be used in spring storm watches provides an excellent opportunity for Amateur Radio to make its best contribution to our community.

Spring also starts the Flea Markets and Auctions too. Our Auction will be coming up in May, and we still need a few more helpers for setup and assisting in the Auction itself. To get on the list of "good guy" helpers, just give us your name and the hours you can help, at the next meeting.

The midwest Division Convention is coming fast. The weekend of April 15, 16, & 17 in Sioux City — at the Marina — will see this year's Convention. I understand all the exhibitor space is sold out. The motels in the area are selling out fast, so be sure to get your reservation in soon.

After more years than anyone can remember, Bob Lockwood is preparing to retire as Chairman of our Education Committee. Bob has served long and honorably in this position and has been responsible for developing an excellent training program for our Club. Our thanks to Bob for all his efforts and successes over the years, and we wish him well. Chuck Peaker will be the new Education Chairman, and he is working with Bob during this transition.

de Bill, N0ANQ

BOARD OF TRUSTEES MEETING Blue Cross/Blue Shield Building, February 8, 1983

The meeting was called to order at 1900 hours on February 8, 1983. The primary business conducted was a report on the 1983 Auction by Chairman Jim Sanford. Preparations are moving ahead nicely and Chuck Peaker is again handling the kitchen arrangements. After general discussion, the meeting was adjourned at 1925 hours.

Respectfully submitted,
Bill Martin for Ray Fink, Secretary

CONTRIBUTIONS

34/94

James Wolfe KA0MHM
Walt Brown KA0DMB

40/00

James Wolfe KA0MHM
Walt Brown KA0DMB

NEW MEMBER

Hal Kuehn KA0ZAM
1010 So. 117th Ave.
Omaha, NE 68154

**GENERAL MEMBERSHIP MEETING
American Red Cross Building
39th & Dewey, Omaha, Nebraska
February 11, 1983**

The meeting was called to order at 1930 hours by N0ANQ. Vice President N0CLW auctioned off a vintage callback contributed by Charlie K0QVL with proceeds going to the Repeater fund.

Bill, N0ANQ, announced that the drawing for the keyer for the membership contest last year would be postponed until June 1 and that the contest would run through May 31st.

Rich, WA0ZQG, reported that the 34/94 repeater was a little noisy — across the Missouri border.

Bob, WA0DHU, gave a report on the activities of the Education Committee and announced his upcoming retirement as Chairman.

The program on RTTY Communications for the Red Cross using computers was presented by Dick, K0DG, after which coffee and donuts were served.

The meeting adjourned at 2115 hours.

Ray Fink, Secretary

COMING EVENTS REMINDER

AK-SAR-BEN AMATEUR RADIO CLUB AUCTION

MAY 8, 1983

American Legion Post 374
4760 South 135th
Omaha, Nebraska

Check In: 8:00 A.M.

Auction: 9:00 A.M.

MIDWEST ARRL CONVENTION

APRIL 15, 16 & 17, 1983

MARINA INN

SOUTH SIOUX CITY, NEBRASKA

Larsen Kūlrod Antennas

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Mobile Communications, Inc.
1713 Webster
Omaha, NE
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March 1983

HAM HUM

Page 5

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R. H. BRENNEMAN

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PHOTOGRAPHY

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(KØZLY)

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FOR SALE: Kenwood TS820, AC/DC, VFO, Spkr, 2mtr Transverter. 2200A 2mtr rig. Drake Phone Patch, Heath 12A Trans. AC/DC. Bob Miller, KØZLY, 397-1217 397-8853.

LETTER

February 10, 1983
Dallas, Texas

Greetings to All,

The past year has been one of changes for me. I moved to Dallas in June of '82 to start work for Texas Instruments. The HF rig was up and running in less than two weeks! A 40 foot long wire strung around the balcony and a Ringo make up the elaborate (HI) antenna system, not much — but it gets out.

I joined the TIARC and it's 85 members, of which 20 usually attend the meetings. This also helped the HF situation with use of the club's TS-830S, 40 meter beam and TH6DXX on 75 foot towers. I use it to talk with Mike BMV, Lloyd DKM and others on 7.250 Mhz, Sundays at 0300Z and would like to hear from some more of you. The club purchased a Microlog CW/RTTY system which is also getting some use from the members. Our elections were in November and I got railroaded into Sec/Treas; I can now sympathize with Dick AAB!

I talk to Mike, WBØDXA, formerly of Omaha, quite often and visited him in Forth Worth last month. There is a monthly electronics/ham/computer sidewalk sale/flea market downtown that attracts around 500 people. So far I have been fortunate in not carrying home too much!

The weather has also been quite a change from the arctic climate that I came from! Weekly outings to water ski at the lakes around here provide a refreshing change from the warm summer temps. Since October, Nature only permits a few days/month nice enough for skiing, but I enjoy the year round mild weather.

I have also joined the ranks of the H-89 computer users and am on RTTY with it. It provides a good tool to keep the club's books and to use for correspondence.

I hope to come North late this summer and look forward to some eyeball QSO's.

73's
Jon Penner, WBØGQT

NEW

Digital DX-terity...



General coverage, Superior dynamic range,
2 VFO's, 8 memories, Scan, Notch... **COMPACT!**

TS-430S

The TS-430S combines the ultimate in compact styling with advanced circuit design and performance. An all solid-state SSB, CW, and AM transceiver, with FM optional, covering the 160-10 meter Amateur bands, it also incorporates a 150 kHz-30 MHz general coverage receiver having a superior dynamic range, dual digital VFO's, 8 memories, memory scan, programmable band scan, IF shift, notch filter, all-mode squelch, and built-in speech processor.

TS-430S FEATURES:

- **160-10 meter operation, with general coverage receiver**
With 160-10 meter Amateur band coverage, including WARC 30, 17, and 12 meter bands, it also features a 150 kHz-30 MHz general coverage receiver. Innovative UP/down conversion digital PLL circuit, for superior frequency stability and accuracy. UP/DOWN band switches for Amateur bands, or 1-MHz steps across entire 150 kHz-30 MHz range. Two digital VFO's continuously tuneable from band to band. Band information output on rear panel.
- **USB, LSB, CW, AM, with optional FM**
Operates on USB, LSB, CW, and AM, with optional FM, internally installed. AGC time constant automatically selected by mode.
- **Compact, lightweight design**
Measures only 10 5/8 (270) W x 3 3/4 (96) H x 10 7/8 (275) D, inches (mm), weighs only 14.3 lbs. (6.5 kg).
- **Superior receiver dynamic range**
Use of 2SK125 junction-type FET's in the Dyna-Mix high sensitivity, balanced, direct mixer circuit provides superior dynamic range.
- **10-Hz step dual digital VFO's**
10-Hz step dual digital VFO's operate independently, include band and mode information. Different band and mode cross-operation possible. Dial torque adjustable. STEP switch for tuning in 10-Hz or 100-Hz steps. A-B switch quickly shifts "B" VFO

to the same frequency and mode as "A" VFO, or vice-versa. VFO LOCK switch provided. RIT control tunes VFO or memory. UP/DOWN manual scan possible using optional microphone.

- **Eight memories store frequency, mode, and band data**
Memories store frequency, mode, and band data. Eighth memory stores receive and transmit frequencies independently. M.C.H. switch for operation of memory as independent VFO, or fixed frequency.
- **Lithium battery memory back-up**
Estimated five-year life.
- **Memory scan**
Scans memories in which data is stored.
- **Programmable automatic band scan**
Scans programmed band width. Scan speed adjustable. HOLD switch interrupts band or memory scan.
- **IF shift circuit for minimum QRM.**
IF passband may be moved to place interfering signals outside the passband, for best interference rejection.
- **Tuneable notch filter built-in**
Deep, sharp, tuneable, audio notch filter.
- **Narrow-wide filter selection**
NAR-WIDE switch for IF filter selection on SSB, CW, or AM, when optional filters are installed. (2.4 kHz IF filter built-in.)
- **Speech processor built-in**
Improves intelligibility, increases average "talk-power".
- **Fluorescent tube digital display**
Indicates frequency to 100 Hz (10 Hz modifiable).

- **All solid-state technology**
Input rated 250 W PEP on SSB, 200 W DC on CW, 120 W on FM (optional), 60 W on AM. Built-in cooling fan, multi-circuit final protection. Operates on 12 VDC, or 120 VAC, or 220/240 VAC with optional PS-430 AC power supply.

- **All-mode squelch circuit, built-in**
- **Noise blanker, built-in**
- **RF attenuator (20 dB)**
- **Vox circuit, plus semi break-in with side-tone**

Optional accessories:

- PS-430 compact AC power supply.
- PS-30 or KPS-21 AC power supplies.
- SP-430 external speaker.
- MB-430 mobile mounting bracket.
- AT-130 compact antenna tuner, 80-10 m incl. WARC.
- AT-230 base antenna tuner, 160-10 m incl. WARC.
- FM-430 FM unit.
- YK-88C (500 Hz) or YK-88CN (270 Hz) CW filters.
- YK-88SN (1.8 kHz) narrow SSB filter.
- YK-88A (6 kHz) AM filter.
- MC-42S UP/DOWN hand microphone.
- MC-60A deluxe desk microphone, UP/DOWN switch.

More information on the TS-430S is available from all authorized dealers of Trio-Kenwood Communications, 111 West Walnut Street, Compton, California 90220.

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