

WOMG FEEDBACK

Since 1929

April 2001

NEIRAA OFFICERS 2001

President: Dennis Orona (NØRWY)
Vice President: Chuck Angel (WAØINC)
Secretary: David Huff (KCØGFO)
Treasurer: Curt Wilson (NKØT)
Directors: > Dave Berry (KBØOCI) 2005
Earl Taggart (K8YWT) 2004
Chris Conklin (NØCF) 2003

The Northeast Iowa Radio Amateur Association on a monthly basis publishes the Feedback. The NEIRAA meets the second Saturday of each month (except August) in the lower level of the American Red Cross, 2530 University Ave. Waterloo. Meetings start at 7 P.M.; anyone interested in amateur radio is invited to attend.

Feedback editor this month: Earl Taggart (K8YWT) E-mail k8ywt@gcmuni.net

Area Repeaters:

* Indicates 136.5 Tone Coded Squelch

Waterloo/ Cedar Falls

WØMG: 14694 *, 444.975 *
WAØINC: 146.82*, 443.75*,
444.925* (Linked SEITS)
NØCF: 444.65*
KMØK: 146.655*
NKØT: 224.90 (-1.6)

Manchester

147.3 +

Oelwein

KFØHA: 147.345, 443.950

Waverly

NØRJJ: 145.43*

CLUB WEB PAGE

<http://wØmg.cfiowa.net>

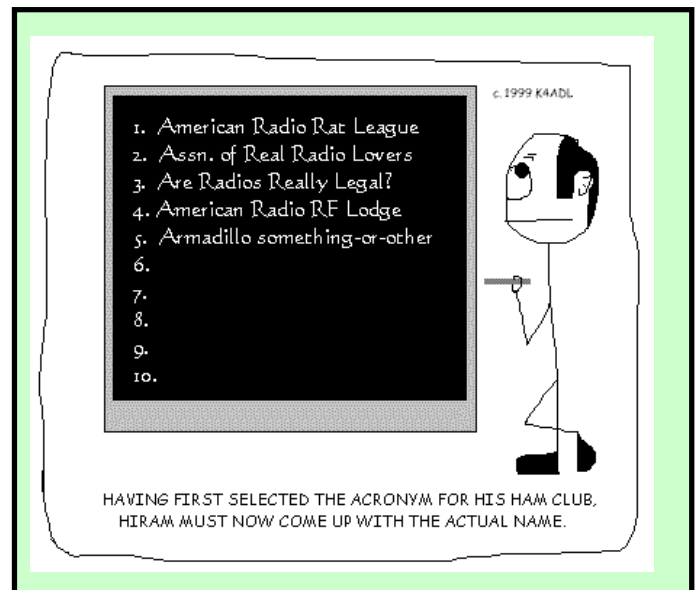
NEIRAA TREASURERS REPORT

01-13-01

General Fund:----- \$586.84
Repeater Fund:----- \$55.00
Savings:----- \$25.00
VE Testing:----- \$127.00
Cash:----- \$15.00

Next Meeting

April 14 7pm. Presentation on PSK-31



<http://www.qsl.net/k4adl>

MONDAY BREAKFAST MEETING

Monday mornings 9AM at McDonalds on University near Hackett Rd (across from K-Mart). Enjoy Ham Chatter and a great Mcbreakfast.

Minutes of Last Meeting

Attendance -20

7:02 Meeting called to order

7:05 Introductions

7:07 Old Business

Hospital Repeater antenna taken down
Location and storage of other Club

items

Lists of emails
ARRL Affiliation

7:32 New Business

Field Day buttons & shirts
Waterloo Tech Scociety Meeting
Weather Spotter Training
Oskaloosa Hamfest (March 17)
Volunteers for Special Olympics
ARRL videos available for borrowing

7:43 Invitation for future monthly presentations

K8YWT volunteered for next meeting
Warren about "Debunking the G5RV",

date TBD

7:45 Meeting adjourned

8:00 Presentation by NK0T on oscilloscopes and co-ax line delay

PSK-31 HF Mode

I recently tried running PSK-31 and was surprised how easy it was to set up my station to operate this new mode. All that is required is a very simple interface to connect your HF Radio to the computer. This consists of the necessary cables to go from the Line IN and OUT jacks of the radio through a 1:1 600 ohm transformer to the Line In and Out Jacks of the sound card of your computer. Download a free Share ware program and away you go. Finding the psk-31 Signal on your radio is simply listening for the tone of the PSK-31 transmission, a steady tone with a very slight warble. Here is a list of frequencies to start listening at:

80 - 3.581

40 - 7.034

30 - 10.139

20 - 14.073

17 - 18.109

15 - 21.079

12 - 24.919

10 - 28.119

Once you find the signal, the program allows you to zero in on one of many signals and begin copying. The stations are separated by about 100 Hz. And the display can be set up to look at 200Hz to 3 KHz at one time. Using the waterfall display allows you to see which signals contain information. This makes finding a qso or a cq much easier than the conventional spectrum display.

I downloaded from www.packetradio.com all the information and programs needed to get started. I am using WINPSK at this time. It works on my Windows 2000 computer and is very simple to operate (Important for a Non-Programmer like myself) They had the wiring for my FT-990 and all the parts were available at Radio Shack. I did not build the PTT function and am using the VOX function of my radio to switch between RX and TX. It is important to understand it does not take very much power to operate this mode. I run about 20 watts and it has been more than enough. Many stations only run 1 to 5 watts.

Give it a try, if you like Teletype or Pactor, this is as much fun and a whole lot easier to get into.

ARISS QSO FREQUENCIES

Voice and Packet downlink-	145.80
Voive uplink-	144.49
Packet uplink -	145.99

HAMFESTS and CONVENTIONS

26 May	+ Newton ARA Contact: R.J Hellstern K)FAT POB 1494 Newton IA 50208 Phone: 641-792-2222 E=mail: trim@netins.net	Newton IA. DIV: Midwest SET: Iowa
21 July	The Triple H Net 25 th Anniversary Convention Contact: James Young W7FTT POB 576 Wrightwood CA. 92397 Phone-760=249=3698 E=mail: w7ftt@qsl.net	DesMoines, IA. DIV: Midwest SECT: Iowa
12 Aug	Cedar Valley ARC http://cvarc.rf.org/ Contact: Chuck Bassett, N0UTS 207 7th Avenue Hiawatha, IA 52233 Phone: 319-378-0448 Email: n0uts@rf.org	Amana, IA Div: Midwest Sect: Iowa

30 Sep	Muscatine & Iowa City ARC Contact: Mike Hayden KBØTFT 1215 Lincoln Blvd Muscatine, IA. 52761 Phone: 319-262-879Ø E=Mail: kbØtft@arrl.net	West Liberty, IA DIV: Midwest SECT: Iowa
4 Nov	Davenport RAC Contact: Dave Mayfield W9WRL 191Ø 7 th St. Moline, IL. 61265 Phone: 3Ø9-762-6Ø2Ø E-Mail: hamfest@gwltcd.com	Davenport, IA. DIV: Midwest SECT: Iowa

CENTRAL IOWA AMATEUR RADIO NETS

- Sunday - 7:45 AM to 8:30 AM, 3900 Club Slow Speed CW Net, 3.56Ø
- Sunday, 9:00 AM, 3900 Club Net (Voice), 3.896
- Sunday - 5:30 PM - Iowa Traffic & Emergency Net (ITEN), 3.97Ø
- Sunday - 6:00 PM - Central Iowa Radio Amateur Society Net (Marshalltown), 147.135+ (CTCSS 141.3)-
- Sunday - 7:00 PM - Story County ARES Net (Ames), 147.240+
- Sunday - 7:00 P.M. - Central Iowa Rag chewers Net (Mingo), 146.67-
- Sunday - 8:00 PM - Central Iowa ARES Net (Des Moines), 146.94Ø- (Simulcast on many other repeaters)
- Sunday, 8:30 PM (or following ARES Net) - Central Iowa Packet Net (Des Moines) - 146.94Ø- (simulcast on many other repeaters)
- **Sunday - 9:00 PM - North East Iowa ARES Net (Waterloo), 146.94**
- Sunday - 9:00 PM - Boone County ARES Net (Boone), 146.85Ø-; 443.90Ø+ UHF net follows
- Monday - Saturday, 12:30 PM & 5:30 PM, Iowa Section Net (Voice), 3.97Ø
- Monday - Saturday, 6:30 PM & 10:00 PM, Iowa Section Net (Tall corn Net) (CW), 3.56Ø
- Monday, 7:00 PM, Southwest Iowa CW Net, 3.691
- Wednesday, 7:00 PM, Iowa QRP Club Net, 7.113

- Wednesday, 8:00 PM, Eastern Iowa/Western Illinois 1Ø Meter net, 28.313
- Wednesday, 9:00 PM, Cyclone Amateur Radio Club (Iowa State University) net (Ames), 147.375+/443.375+
- Wednesday (2nd & 3rd of each month) 9:00 PM, Slow Scan TV Net, 147.Ø75+
- Thursday, 7:00 PM, Polk County ARES Net (Des Moines), 146.94Ø-
- Thursday, 7:30 Manchester Net

National Nets:

- 7.255 ECARS
- 7.251 & 14.325 SOUTHCARS
- 7.258 MIDCARS
- 14.3ØØ MARITIME MOBILE NET (12N - 9PM)
- 7.2815 GOOD SAM RV NET
- 14.336 COUNTY HUNTERS NET

FOR SALE

Please submit any Amateur Radio related equipment for sale to k8ywt@gcmuni.net or send me a list at "Earl Taggart, 1Ø41 L Ave. (T69 or Dinsdale Blacktop), Reinbeck, IA. 5Ø669"

For sale by: Steve Sutterer AKØM
319-277-8139 or sjs@cfu.net.

- Icom IC7Ø6 with repeater autoshift mod, extended receive mod, microphone, power cord, manual, original shipping carton. 16Ø-1Øm + 6m + 2m all modes, in excellent condition, works great. \$65Ø.

The following items are from K8YWT, Earl Taggart 319-345-2Ø33

- Dentron Clipperton L HF amplifier 1ØØØW output. 872B Tubes (4) are a little soft and the output is approx. 8ØØ watts. \$35Ø.ØØ.
- JRC JST-1ØØ Transceiver 16Ø-1Ømeters all solid-state 1ØØ watts. \$35Ø.ØØ
- Murch UT-2ØØØB Antenna Tuner 2ØØØ watts, 16Ø-1Ø meters, balanced and unbalanced outputs. \$125.ØØ.
- Butternut Butterfly 2Ø-1Ø meter 2 ele. Quad Beam. Rated for 4ØØ watts. Great for hams with limited space to put up an antenna. Can be turned with a TV Rotor. \$15Ø.ØØ.
- Alinco 2 meter Linear Amplifier, 3w in 3Øw out. SSB or FM. \$5Ø.ØØ
- I.C.E. Model 421 Low Pass Filter. DC - 3Ø Mhz. 5Ø ohm, 8Ødb attenuation above 32Mhz. \$5Ø.ØØ.

- Radio Shack DSP40 CW & SSB noise reduction digital signal processor. \$35.00

The following is from Don W0DT at 277-6031

- Kenwood TS-850AT \$825.00
- Hammarlund HQ 170 rough condition but works \$45.00.
- Butternut HF-6V vertical 80-10 \$50
- Butternut HF-2V vertical 80-40 \$90
- M2 Egg Beater Two meters \$70
- Kenwood DSP-100 \$225

Dave Berry KB0OCI, 116 Usher RD., Hudson, IA
50643 Phone 319-988-3353

- MFJ-914 Antenna Tuner Extender with manual. Works great \$45.00.
- Mobil antenna 40M Hamstick \$20.00.
- Hustler mobile fold over antenna with 10, 20, 40 & 80M coils and manual \$80.00.
- Mosley 40M vertical base or mobile antenna with manual \$55.00.
- CDR Antenna rotor control, 8 wire \$35.00.
- Six position B&W coax switch \$50.00.

- Tower climbing belt, like new \$40.00
- GE MVP VHF radio with multi frequency and tone board options comes with manual. Setup for 146.94/34 and 145.01 frequencies \$55.00.
- Nye Viking 2000 watt Low Pass TVI Filter \$30.00.
- Icom 02AT HT 2M radio with speaker mike, battery and charger, cig lighter adapter and manual \$55.00.
- Azden 4000 PCS VHF radio, complete \$55.00.
- Kenwood MC-50 mike with foot PTT \$50.00.
- Kenwood MC-42S mike with up down switch \$50.00.
- Regency SP-SS Scanner (antenna missing). Weather band works \$20.00.
- MFJ-945 Versa Tuner II \$55.00.

Richard Peterson, K0CAB, 319-377-9126,
Marion IA.

- Uniden 25 watt 10 meter transceiver CW/AM/FM with Power Supply \$130.00

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PO Box 92

Waterloo, IA. 50704