

WOMG FEEDBACK

Since 1929

February 2001

NEIRAA OFFICERS 2000

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@gcuni.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)

Independence

NIØL: 145.33*

Oelwein

KFØHA: 147.345, 443.950

Waverly

NØRJJ: 145.43*

CLUB WEB PAGE

<http://wØmg.cfiowa.net>

NEIRAA TREASURERS REPORT

Ø1-13-Ø1

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

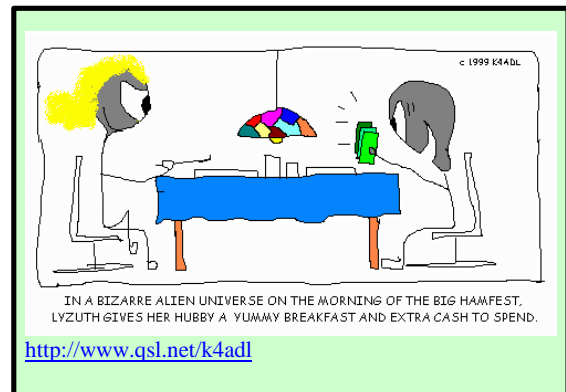
Feb. 13th Club Meeting

Start time 6pm

Red Cross Damage Assessment Training

CLUB MEMBERSHIP DUES DUE

It is that time of year again. Dues are still only \$20.00 for a full membership. Please see our new treasurer Curt Wilson (NKØT) at the next meeting.



MONDAY BREAKFAST MEETING

Monday mornings at 9AM Waterloo Airport. Enjoy Ham Chatter and a great breakfast.

Minutes of Last Meeting

Election of club officers and board members:

Pres. – Dennis Orona
 VP – Chuck Angel
 Sec. - David Huff
 Treas. – Curt Wilson
 New Board Members:
 Dave Berry – 2ØØ5
 Earl Taggart – 2ØØ4

Upgrade testing in April if anyone is interested.
 John Deere 2 cycle club show special event station.
 Checking with their president ICW setting up a station for the 2ØØ1 show.
 Encourage members to join ARRL to get Club affiliated with the ARRL
 Red Cross Training – Introduction to Disaster Services

Using 75 Ohm CATV Hardline on VHF/UHF

Why would you want to do this? The big reason is cost. Often you can obtain a section of hardline from the local cable company for nothing. (End of reel piece or excess from a repair) The hardline can be ½ inch or ¾ inch and has very little loss at vhf/uhf frequencies. Cutting the cable to an electrical ½ wavelength of the operating frequency makes the impedance transparent, whatever the load (Ant) impedance is presented to the transmitter. The formula is: Length (ft.) = 984/frequency (Mhz) X Velocity Factor. For example the Velocity Factor (VF) of RG-213 is .66 and lets pick 144.2 for our frequency. L=984/144.2*.66. L=4.5Ø feet. A problem with this is that the published VF is not always accurate. The cable may vary from one manufacturer to another. The best way is to prune the hardline for best SWR. Cut the hardline to a length that is about ½ wavelength longer than needed and trim it a little at a time until the lowest SWR is obtained.

Connectors can be made for the hardline. For ½ inch hardline a PL-259 can be used. Screw the connector over the body of the cable (vinal removed) and solder the center conductor to the center pin of the connector. Take a piece of ½" ID tubing 1.25" long and split it down the middle. Using two small hose clamps clamp the tubing on the shell of the connector and on the cable. Finish the job by covering the splice with electrical tape to keep moisture out. For ¾" cable use a double female PL-258 connector. Core the cable so you can push the connector into the cable. You might need to wrap a shim of aluminum sheet around the threads to make a snug fit. Secure the connector with a hose clamp. Use a 5Øohm jumper to connect the cable to the rig or antennae.

HAMFESTS and CONVENTIONS

3 Mar 2ØØ1	x	Southwest Iowa ARC Contact: Rich Swig, WAØZQG 23Ø6 Rolling Hills Loop Council Bluffs, IA 515Ø3 Phone: 712-256-7775 Email: waØzqg@arrrl.net	Council Bluffs, IA Div: Midwest Sect: Iowa
12 Aug 2ØØ1	+	Cedar Valley ARC http://cvarc.rf.org/ Contact: Chuck Bassett, NØUTS 2Ø7 7th Avenue Hiawatha, IA 52233 Phone: 319-378- Ø448 Email: nØuts@rf.org	Amana, IA Div: Midwest Sect: Iowa

CENTRAL IOWA AMATEUR RADIO NETS

- Sunday - 7:45 AM to 8:3Ø AM, 39ØØ Club Slow Speed CW Net, 3.56Ø
- Sunday, 9:ØØ AM, 39ØØ Club Net (Voice), 3.896
- Sunday - 5:3Ø PM - Iowa Traffic & Emergency Net (ITEN), 3.97Ø
- Sunday - 6:ØØ PM - Central Iowa Radio Amateur Society Net (Marshalltown), 147.135+ (CTCSS 141.3)-
- Sunday - 7:ØØ PM - Story County ARES Net (Ames), 147.24Ø+
- Sunday - 7:ØØ P.M. - Central Iowa Rag chewers Net (Mingo), 146.67-
- Sunday - 8:ØØ PM - Central Iowa ARES Net (Des Moines), 146.94Ø- (Simulcast on many other repeaters)
- Sunday, 8:3Ø PM (or following ARES Net) - Central Iowa Packet Net (Des Moines) - 146.94Ø- (simulcast on many other repeaters)
- **Sunday - 9:ØØ PM - North East Iowa ARES Net (Waterloo), 146.94**
- Sunday - 9:ØØ PM - Boone County ARES Net (Boone), 146.85Ø-; 443.9ØØ+ UHF net follows
- Monday - Saturday, 12:3Ø PM & 5:3Ø PM, Iowa Section Net (Voice), 3.97Ø
- Monday - Saturday, 6:3Ø PM & 1Ø:ØØ PM, Iowa Section Net (Tall corn Net) (CW), 3.56Ø
- Monday, 7:ØØ PM, Southwest Iowa CW Net, 3.691
- Wednesday, 7:ØØ 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-

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 DSP4Ø CW & SSB noise reduction digital signal processor. \$35.ØØ

The following is from Don WØDT at 277-6Ø31

- Kenwood TS-85ØAT \$825.ØØ
- Hammarlund HQ 17Ø rough condition but works \$45.ØØ.
- Butternut HF-6V vertical 8Ø-1Ø \$5Ø
- Butternut HF-2V vertical 8Ø-4Ø \$9Ø
- M2 Egg Beater Two meters \$7Ø
- Kenwood DSP-1ØØ \$225

Dave Berry KBØOCI, 116 Usher RD., Hudson, IA
5Ø643 Phone 319-988-3353

1. MFJ-914 Antenna Tuner Extender with manual. Works great \$45.ØØ.
2. Mobil antenna 4ØM Hamstick \$2Ø.ØØ.
3. Hustler mobile fold over antenna with 1Ø, 2Ø, 4Ø & 8ØM coils and manual \$8Ø.ØØ.
4. Mosley 4ØM vertical base or mobile antenna with manual \$55.ØØ.
5. CDR Antenna rotor control, 8 wire \$35.ØØ.
6. Six position B&W coax switch \$5Ø.ØØ.
7. Tower climbing belt, like new \$4Ø.ØØ
8. GE MVP VHF radio with multi frequency and tone board options comes with manual. Setup for 146.94/34 and 145.Ø1 frequencies \$55.ØØ.
9. Nye Viking 2ØØØ watt Low Pass TVI Filter \$3Ø.ØØ.
10. Icom Ø2AT HT 2M radio with speaker mike, battery and charger, cig lighter adapter and manual \$55.ØØ.
11. Azden 4ØØØ PCS VHF radio, complete \$55.ØØ.
12. Kenwood MC-5Ø mike with foot PTT \$5Ø.ØØ.
13. Kenwood MC-42S mike with up down switch \$5Ø.ØØ.
14. Regency SP-SS Scanner (antenna missing). Weather band works \$2Ø.ØØ.
15. MFJ-945 Versa Tuner II \$55.ØØ.

WONG FEEDBACK

NEIRAA
PO Box 92
Waterloo, IA. 50704