

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 Hawkeye Chapter 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@staroute.com

NEIRAA OFFICERS 2000

President: Jerry Jones (KI0IH)
Vice President: Curt Wilson (NK0T)
Secretary: Jay Nabholz (KC0AKJ)
Treasurer: Dave Berry (KB0OCI)
Directors: Chuck Angel (WA0INC) >2002
Dennis Orona (N0RWY) > 2001
Chris Conklin (N0CF) > 2003

Area Repeaters:

* Indicates 136.5 Tone Coded Squelch

Waterloo/ Cedar Falls

W0MG: 14694 *, 444.975 *
WA0INC: 146.82*, 443.75*,
444.975* (Linked SEITS)
N0CF: 444.65*
KM0K: 146.655*
NK0T: 224.90 (-1.6)

Independence

NI0L: 145.33*

Oelwein

KF0HA: 147.345, 443.950

Waverly

N0RJ: 145.43*

CLUB WEB PAGE

<http://w0mg.cfiowa.net>

NEIRAA TREASURERS REPORT

02-12-00
General Fund: \$486.82
Repeater Fund: \$155.78
Savings: \$25.00
VE Testing: \$37.00

MINUTES of MARCH MEETING

- 30 people in attendance
- Dues stay the same for 2000:
 - \$20.00 Members,
 - \$10.00 Full Time Students

- VE Testing set for 26 Feb. 1 P.M. at Emergency Management on Newell St.
- Future technical presentations to be selected on a quarterly basis
- Fox Hunt for summertime. Need to plan on antenna type and rules.



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

2000 DUES DUE

Yes folks, it's that time of the year again. If you noticed a **RED X** next to your name on the mailing address your year 2000 dues have not been paid.

Please help support your club and join now. The dues have not gone up for the new year, still only \$20.00 per individual membership and \$10.00 for full time students. See Dave Berry (KB0OCI) at the next club meeting.

VEC TESTING, HAMFESTS & OTHER EVENTS

PLEASE always double check (call ahead) to make sure these events are happening before you drive there...

UPCOMING TESTING SESSIONS

The testing fee for 2000 is \$6.65.

- AMES - March 25, September 9, December 2, 9:30 AM, Fire Service Institute Extension Building, Iowa State University. (I-35 to Exit 113 (13th Street); West 4.5 miles to Haber Road, South 1.5 blocks (2nd building on west side of the road). For information, contact Ken Anderson, N0AS, (515)-291-0481. Talk in on Ames Repeater.
- DES MOINES - March 19, May 21, July 16, September 17, November 19. 1:00 PM. Saylor Township Fire Station, 211 NW 54th Ave (1/2 mile north of I-80/I-35 on 2nd Avenue). For information, contact LeRoy Koder, WDOCZO, (515) 262-2390
- WINTERSET - April 21, June 16, August 18, October 20 7:30 PM, Madison County Extension Office, east side of the courthouse square. For information, contact John Sawhill, WA0O, (515) 462-1342.

UPCOMING HAMFESTS, FLEA MARKETS & CONFERENCES

Illinois:

- 19 Mar 2000 Sterling-Rock Falls ARS Contact: Lloyd Sherman, KB9APW 25873 Capp Road Sterling, IL 61081 Phone: 815-336-2434 Email: lsherman@essexl.com
- 26 Mar 2000 North Shore Radio Club <http://www.ns9rc.org/> Contact: Jacob Fishman, KF9ZF PO Box 1066 Highland Park, IL 60035 Phone: 847-291-4160 Email: kf9zf@lightwriters.com

Minnesota:

- 8 Apr 2000 Rochester ARC <http://members.aol.com/rarchams>.

Contact: John Scott, N0HZN, 4552 5th Street NW Rochester, MN 55901, Phone: 507-285-6522 Email: n0hzn@aol.com

- Minnetonka, MN. 15 Apr 2000 Robbinsdale ARC Contact: Harriet Johanson, KB0UPG 19000 Clearview Drive Minnetonka, MN 55345 Phone: 612-474-7346

Iowa:

- 29 Apr 2000 DES MOINES - DMRAA. Iowa State Fairgrounds, Hall of Law. 8 AM to 1 PM. Talk in: 146.940 or 146.820. Testing. Contact: Duane Bower, WB0UCY, (515) 287-6542 or duaneab@uswest.net
- SHELDAHL - June 17th. Sheldahl City Park. Talk in: 147.075+
Contact: Don Towers, N0QFK, (515) 685-3410 or n0qfk@arrl.net.
- WINTERSET - July 15th - (See above information).
- AMANA - Cedar Valley ARC. Summerfest 2000. August 13th. 8 AM to 12 PM. Amana Outdoor Exhibition Center. For information, Visit <http://cvarc.rf.org/sumfst00.htm> or email n0uts@rf.org. Testing available.
- DES MOINES - Hamfest Iowa. October 29th. 8 AM to 2 PM. Iowa State Fairgrounds 4H Building. Contact: Jim Wieder, KG0UF, (515) 276-0500 or <mailto:wiederj@netscape.net>

CENTRAL IOWA AMATEUR RADIO NETS

- Sunday - 7:45 AM to 8:30 AM, 3900 Club Slow Speed CW Net, 3.560
- Sunday, 9:00 AM, 3900 Club Net (Voice), 3.896
- Sunday - 5:30 PM - Iowa Traffic & Emergency Net (ITEN), 3.970
- 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 - 9:00 PM - North East Iowa ARES Net (Waterloo), 146.94
- Sunday - 9:00 PM - Boone County ARES Net (Boone), 146.850-; 443.900+ UHF net follows
- Monday - Saturday, 12:30 PM & 5:30 PM, Iowa Section Net (Voice), 3.970
- Monday - Saturday, 6:30 PM & 10:00 PM, Iowa Section Net (Tallcorn Net) (CW), 3.560
- 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 10 Meter net, 28.313

WANTED

Rotor - Tail Twister or larger for turning big quad.
K8YWT, Earl Taggart 319-345-6488

FOR SALE

Please submit any Amateur Radio related equipment for sale to k8ywt@staroute.com or send me a list at "Earl Taggart, 1041 L ave., Reinbeck, IA. 50669"

The following items are from K8YWT, Earl Taggart 319-345-6488

- Dentron Clipperton L HF amplifier 1000W output. 872B Tubes (4) are a little soft and the output is approx. 800 watts. \$350.00.
- JRC JST-100 Transceiver 160-10meters all solid-state 100 watts. \$350.00
- Drake MN-2000 Antenna tuner 2000watt 80-10 meters \$125.00.
- Butternut Butterfly 20-10 meter 2 ele. Quad Beam. Rated for 400 watts. Great for hams with limited space to put up an antenna. A little bigger than a TV antenna. \$150.00.
- Mirage B108 2 Meter Linear Amplifier, 10w in - 80w out. Receive preamp. SSB or FM \$80.00.
- Alinco 2 meter Linear Amplifier, 3w in 30w out. SSB or FM. \$50.00
- I.C.E. Model 421 Low Pass Filter. DC - 30 Mhz. 50 ohm, 80db attenuation above 32Mhz. \$50.00.
- Radio Shack DSP40 CW & SSB noise reduction digital signal processor. \$45.00

The following is from Don W0DT at 277-6031

- Kenwood TS-50S with 500hz CW filter and optional mount. \$515.00 with original cartons.

The following equipment is being offered for sale for Vinton/Shellsburg Washington High School Ind. Tech. By Bill Reams N0ZJO at 319-472-3513

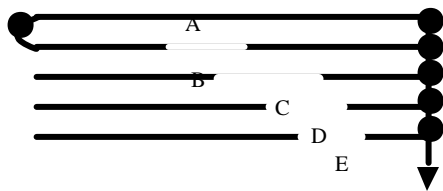
- Yeasu YS-60 HF SWR / Watt meter \$30.00
- TE64 Encoder 32 aud 32 sub audible. \$25.00
- NYE Straight key 330-001 Master Key. \$10.00
- MFJ 557 Code Key Osc. \$10.00
- MFJ Versa Tuner V 989c 3 kw roller inductor antenna tuner. \$150.00
- Astron RS-35A PS. \$70.00
- Astron RS20 PS. \$50.00
- Astrom RS35M PS with meters \$75.00
- Kenwood 7625 2 meter radio with Drake hand mic and RM-76 control unit. \$25.00
- Uniden Force Business Band Radio converted to 2 meters w PK232MBX, LEA #91795 CF 386 computer w 8 meg ram, 420 meg HD, IBM monitor \$100.00
- Video – Getting Started in Ham Radio \$1.00
- Balun 1:1 used pro PB-1 2000W \$7.00
- Balun 1:1 New 2000W \$7.00
- Balun 4:1 New 1500W \$7.00

The following are for sale from Raynard Engel WA0EEY 319 234-0756

- Heathkit model HW 16 transceiver and Heathkit HG 10 VFO. With manuals. Excellent beginners combo. \$50.00
- Kenwood PC-1 Phone Patch Controller. \$ 10.00

PROJECT FOR THE MONTH

Multi-band HF dipole antenna made from 5 conductor rotor wire.



This represents ½ of the dipole; you must make 2 identical pieces. One is connected to the 50 or 75 ohm coax center conductor and the other to the shield. (300 or 450 ohm lead-in can be used with a tuner.) Dimension A is shown running back on the second conductor to reduce the overall length of the dipole. This is handy for 80 meters as you can make the entire antenna from one 100 ft. length of rotor wire. The third, fourth, and fifth wire can have the excess stripped off to reduce the weight.

The following dimensions are a starting point. Each band must be trimmed for best swr starting with the lowest frequency first and then the next lowest band and ECT. Pick your 5 favorite bands and have fun.

80/75 meters65ft.
 40 meters33'4"
 30 meters23'4"
 20 meters16'6"
 17 meters12'11"
 15 meters11ft.
 12 meters9'4"
 10 meters8'4"

Radio Shack sells the rotor cable Cat # 15-1201 for about \$13.99/ 100ft.
Center and end insulators – Cat # 278-1335 – 2/\$4.79

Hang the antenna as high off the ground as you possibly can. It can be hung as an inverted V or as a flat top dipole. This antenna is a compromise antenna in that the wires are close spaced and will interact some, but it does work.

HAVE YOU COMPLETED YOUR FCC ULS REGISTRATION?

The vast majority of Hams have not. This registration has been available for over two years. Amateurs must register in the Universal Registration System in order to file applications with the FCC including renewals, modifications, and vanity call sign requests.

You can register on-line at <http://www.fcc.gov/wtb/uls> and click on “TIN/CALL SIGN REGISTRATION”. Paper registration is also available. Call toll-free 888-call FCC (225-5322). Please have your license information available when you register.

POWER LINE RFI

Please visit <http://www.arrl.org/tis/info/rfi-elec.html> for information on solving and resolving problems with your local power company.

KLM ANTENNAS CLOSES DOORS

KLM of Monroe, Washington, is reportedly out of business as of Oct. 13th. Sources say Bruce Scott will continue to sell parts – at least for the time being – by e-mail orders only to klm_antennas@msn.com

