

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

NEIRAA OFFICERS 2000

President: Jerry Jones (KIØIH)
Vice President: Curt Wilson (NKØT)
Secretary: Jay Nabholz (KCØAKJ)
Treasurer: Dave Berry (KBØOCI)
Directors: Chuck Angel (WAØINC) >2002
 Dennis Orona (NØRWY) > 2001
 Chris Conklin (NØCF) > 2003

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

NØRJ: 145.43*

CLUB WEB PAGE

<http://w0mg.cfiowa.net>

NEIRAA TREASURERS REPORT

04-08-00
General Fund: \$883.82
Repeater Fund: \$155.78
Savings: \$25.00
VE Testing: \$37.00

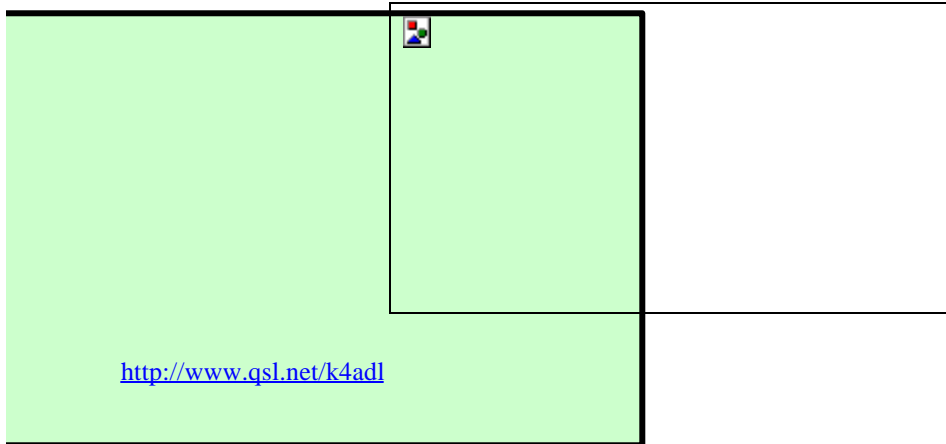
MINUTES of APRIL MEETING

- 20 people in attendance
- Special Olympics on March 26 at 9AM
- Fox Hunt Scheduled for May Meeting at Hawkeye Tech parking (East entrance) lot 9AM.
- John Deere special event station still in negotiations

- Field Day same location as last year

15 APRIL VE SESSION

This was the largest session to date. 25 people showed up to test and or upgrade their licenses. We had people from all over Eastern Iowa show up to take advantage of the first session under the new rules.



VE SESSIONS

- AMES - 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, NØAS, (515)-291-0481. Talk in on Ames Repeater.
- DES MOINES - 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, WDØCZO, (515) 262-2390
- WINTERSET - June 16, August 18, October 20 7:30 PM, Madison County Extension Office, east side of the courthouse square. For information, contact John Sawhill, WAØO, (515) 462-1342.

UPCOMING HAMFESTS, FLEA MARKETS & CONFERENCES

Iowa:

- SHELDAHL - June 17th. Sheldahl City Park. Talk in: 147.075+ Contact: Don Towers, NØQFK, (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, KGØUF, (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 - 7:00 P.M. - Central Iowa Ragchewers Net (Mingo), 146.67-
- Sunday - 8:00 PM - Central Iowa ARES Net (Des Moines), 146.940- (Simulcast on many other repeaters)
- Sunday, 8:30 PM (or following ARES Net) - Central Iowa Packet Net (Des Moines) - 146.940- (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), 146.850-; 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
- 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, 147.075+
- Thursday, 7:00 PM, Polk County ARES Net (Des Moines), 146.940-

WANTED

Rohn 25 tower sections

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@gcmuni.net 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.
- 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 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

? SPECIAL OLYMPICS

A big thanks to a job well done to:

- o Curt NK0T
- o Ryan KC0BSN
- o Jerry KI0IH
- o Dennis N0RWY

- o Dave KBØOCI
- o Dan KAØOPU

? TYPING TIPS:

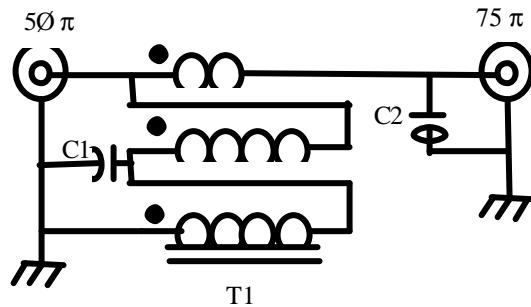
If you like to have a Ø instead of a 0 in your text the following procedure works with most word processors:

1. Put the NUM LOCK on.
2. Hold down the ALT key.
3. Using the number pad type Ø216 and you will display a Ø.

PROJECT FOR THE MONTH

5Ø – 75 ohm unbalanced balun.

This handy device will allow the use of 75 ohm cable TV feedline on the HF bands. Place one on either end of the cable to match to 5Ø ohm transmitters and antennas. Or if you have a dipole, use 75 ohm cable and place only one balun at the transmitter.



- C1 – 1ØØ pf silver mica
- C2 – 1Ø pf silver mica
- Coax connectors – builders choice
- T1 – Amidon FT-2ØØ-61 core (μ of 125)
- Two windings 6 turns (one center tapped)
- One winding 3 turns
- All windings trifilar (wound together)
- #12 enameled wire

AMATEUR SATELLITE REPEATERS UPDATE

Work FM on these satellites if you have a 2 meter and a 44Ø transceiver. The antennae can be a simple vertical ¼ wave or as complex as directional yagi's with AZ/EL rotors. Dual band handhelds with rubber duckies have worked the satellites with limited success.

UO-14 Receive on 435.Ø7 and transmit on 145.975

AMRAD – OSACR 27 (daylight passes only)
Receive on 436.795 and Transmit on 145.85

SUNSAT – Oscar 35 (Limited Operation)
Receive on 145.825 and Transmit on 436.29

Stensat (no Oscar number as yet)
Receive on 436.625 and transmit on 145.84

The frequency will shift as the bird flies over, you may find tuning 5Khz higher when it first comes into view, ØKhz overhead, and then 5Khz lower as it goes out of view. The best passes will give you about 15 minutes of contact time, only one person can talk at a time so keep the QSO's brief. For more info on the FM Satellites go to <http://sunsat.ee.sun.ac.za> for the latest scheduals.

MAY MEETING FOX HUNT

Jay KCØAKJ will chair the May Fox Hunt for our club. He will have identical antennae built for the event. The Hunters will provide their own radios and a cable to attach their radio to the antennae. Jay will have SO-239 connectors on the antennae. Show up at Hawkeye Tech, East parking lot at 9A.M. and join in the fun.

It is recommended having at least 2 people per car. 1 driver and a navigator. A third person to handle the beam would be nice. The event will be limited to Black Hawk County and will not involve any in-the-city locations.

LINKS

T- Hunting

Links to sites that have info on Hidden Transmitter Hunting.

<http://www.qsl.net/n6bg/thunt/links.html>

General Ham Info

<http://www.qsl.net/ham-www/>

Organizations

ARRL <http://www.arrl.org>

