

W0GQ

W0WSV



Since 1949

BANDSPREAD



Associated with *Linn County Emergency Management Agency* and the *ARRL*

CEDAR VALLEY AMATEUR RADIO CLUB

Thursday, June 14, 2007

7:30 p.m.

Field Day Preparations

Kenwood Park United Methodist Church

175 34th St. NE

*POLICY STATEMENT: Renew your ads, or they get dropped at the end of the month.
Any Ham can submit ads. You don't have to be a member. TNX.*

IN THIS ISSUE:

Meeting minutes - Board minutes - ARES minutes -
Want & For Sale Ads - A Certain amount of opinion – news for Hams

CONTRIBUTORS WELCOME

Have an idea you want to share? A better way of doing things? Comments on Summerfest? Then let us at BANDSPREAD know. Contact any board member listed in the directory on page 2.

Send items via e-mail to any board member at cvarcbrd@rf.org

Deadline for July issue is June 28, 2007

BANDSPREAD

The Voice of the Cedar Valley Amateur Radio Club

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Net Directory

3.896 MHz	3900 Club	8:45 a.m. Sundays
146.745 MHz (alt. 145.15Ø-192.8PL)	Linn County ARES Net	7:00 p.m. Sundays
146.85Ø MHz (-6ØØ KHz)	Johnson County Sunday Net	7:30 p.m. Sundays
145.39Ø MHz (-6ØØ KHz)	Jones County ARES Net	8:00 p.m. Sundays
145.23Ø MHz (-6ØØ KHz)	Benton County ARES Net	6:30 p.m. Mondays
356Ø KHz	TLCN (CW Section)	6:30 & 10:00 p.m. Daily
397Ø KHz	Iowa 75 Meter Net (SSB)	12:30 & 6:00 p.m. Mon—Sat

WWW Addresses

CVARC Web Page: <http://cvarc.rf.org/>

ARES Web Page: <http://ares.rf.org>

Want ads and articles are accepted from all amateurs, members or not, at no charge! Submissions must be sent to

**CVARC
PO Box 2352
Cedar Rapids, IA 52406
Or to kcønxo@arrl.net**

Meeting place is indicated on the cover with program information.
For Club membership send, Name, Call, Address, Phone number, ARRL Status (Yearly, Life, or not a member),
willing or not to be on call for Storm Watch and emergency situations and dues to CVARC PO Box
Yearly Dues, PAYABLE JAN 1: \$10 Regular or Family, \$5 under 18yrs of age,
After July 1: \$5 for all

JUNE CVARC MEETING PREVIEW

The June CVARC meeting will be held at the Kenwood Park United Methodist Church, 175 34th St. NE, Cedar Rapids, at 7:30 p.m on Thursday, June 14th.

The meeting will involve the final planning for Field Day. Field Day this year will be from 1800 UTC Saturday (1 pm) to Sunday. Setup will be on Friday, June 22nd. Field Day is a wonderful opportunity – come and be part of the final planning.

RECEIVE NOTICE OF BANDSPREAD BY E-MAIL

Bandspread is now available in PDF format on the CVARC Website, at <http://cvarc.rf.org/Bandspread/>. Back issues for 2006 are in the 2006 subdirectory, and 2007 issues are in the 2007 subdirectory.

If you would like to get an e-mail notice of when the latest Bandspread is on the Website, please email Laura, KCONXO at kcønxo@arrl.net.

If you like the convenience and economy of the electronic version, and want to be removed from the mailing list for the paper version, please contact Al, K0VM, at køvm@arrl.net.

MAY 2007 CVARC BOARD MINUTES

The May 2007 Cedar Valley Amateur Radio Club Board of Director's meeting was held May 10, 2007 at the Kenwood United Methodist Church. The meeting was called to order at 6:30 PM by WA6GFD. Others in attendance were: K0AL, N0XZL, KC00OF, KC0OX, K0ECW, AA0II, WA0ZZG and WT0D.

A voice vote approved the motion by WT0D and seconded by K0ECW to approve the April 2007 Board minutes as printed in the Bandspread.

KC0OX reported that arrangements for a National Medical Disaster Drill to be held in Des Moines, IA this summer are pending. As yet, Amateur Radio services have NOT been requested. Ron also reported that FEMA need no longer wait to be "invited" from local officials to become involved in disasters.

AA0II reported the following programs are scheduled: June – Field Day preparation; July – Summerfest preparation and club auction for August.

N0XZL led a discussion concerning the preparation of and the mailing of flyers for Summerfest 2007.

KC00OF reported that May 12 & 13 are the dates for the 2007 National Military / Amateur cross services contacts. This is to be a digital ONLY event, and they do NOT consider CW as being digital.

K0ECW reported there is to be a 5K run in conjunction with the Marion Arts Festival on May 19. On June 3 there is to be a ½ Pigman Triathlon at Pleasant Creek State Park and on June 16 there is to be a M.S. cycle ride for which he will need approximately 15 hams to support.

K0ECW presented a proposal to have two signs of approximately 3 feet by 8 feet to use at Public Service events, Field Day, etc. to promote amateur radio. The cost for such was estimated at \$330. The purchase was approved on a voice vote on a motion by K0ECW and seconded by K0AL.

WA0ZZG is still working on securing a Field Day proclamation. WA0ZZG also reported that the National Weather Service was replacing their 5 KW emergency generator and that he had suggested they consider donating it to the Anamosa group for their repeater. The NWS is also upgrading their antennas and feedlines and expect to have a better signal into the outlying areas they serve.

Meeting adjourned at 7:30 PM

Submitted by K0AL, Secretary

MAY 2007 CVARC MEETING MINUTES

The May 2007 general membership meeting was held Thursday, May 10, 2007 in the Kenwood United Methodist Church. The meeting was called to order at 7:30 PM by President WA6GFD. All attendees and guests introduced themselves with 44 members and guests present.

A voice vote approved a motion by N0LNO and seconded by W0WLL to approve the April minutes as published in the Bandspread.

K0ECW reviewed upcoming Public Service opportunities which included a new event – an MS bicycle event to be held June 16 for which approximately 15 amateur volunteers will be required. On a voice vote, a motion by K0ECW and seconded by K0AL to support this new event was approved.

KC00OF reported that May 12 & 13 were the dates for inter-US Military and -US amateur contacts using digital modes.

WA0ZZG gave a reminder about proper repeater etiquette during storms and similar conditions where priority traffic may be present.

At 8:00 PM the business meeting was adjourned for a social break before the program.

The program was by K0DAS concerning Skywave Propagation Measurement and Analysis. This work was really an integral part to confirm some previously published data that had never been validated and which would be an important element in their effort to assist in determining a probable location of where Amelia Earhart's airplane crashed into the Pacific Ocean. Conclusion? The 50+ year old data was valid!

K0YLU, the pilot for this work, was also in attendance to give commentary.

After the program a few new items arose.

It was announced that a VE session is scheduled for 7 PM on Friday, May 11 at the Zion Lutheran Church in Hiawatha. Other opportunities include Muscatine on May 12, Benton County at the Vinton High School on May 17, Davenport on May 27 and Dubuque on June 23.

W0SS suggested in view of rising postal costs that we consider two classes of membership, those receiving the Bandspread via electronic means and those receiving it via "snail mail."

W0LBK announced he has a new Extra Class study manual available gratis.

KC0NXN is looking for technical help on working the space station this fall as an Iowa astronaut is to be on board that mission.

KC0PON gave a Treasurer's report of \$1,568.34 as the current checking account balance.

The meeting was finally adjourned at 9:20 PM

Submitted by K0AL, Secretary

ARES PLANNING COMMITTEE MEETING MINUTES – 3 MAY 2007

Attending: KD0HF, Cameron Haney, KC0OX,
AC0HC, AC0HB, WA6GFD, N0GUD, KF0VF

Past events

- Had a work day and cleaned up some cables and such at the EOC.

Upcoming events

- NDMS Drill
 - Drill will be 19-21 July, with 21 being the full-scale exercise and training

activity.

- Not sure who will participate in Des Moines, but both CR hospitals will be participating, so we may want to set up stations there.
 - Next NDMS drill meeting is 22 May, so we may have more information after that.
 - We should talk to Rich Mahaney to determine the level of participation local EMA may have. If we staff the hospitals, we almost certainly would want to staff EOC if possible.
- Emergency Preparedness information distribution by Boy Scouts/Kernels
 - Some basic information reviewed. Nothing new learned since the last meeting.

Project Status Reports

- Service Station Database
 - No change to the list given at the last meeting. Should be able to get more information this month.
 - It's probably not worth looking for a gas station with a backup generator. Sources inform us that there are no stations with backup power in the area.
 - We could check with the co-ops to see if they have service vehicles that may have fuel on board. They could deliver to EMA or other critical locations.
- Spotter Database
 - WA6GFD has started on this, but has nothing to show this month.
 - Some discussion followed on the purpose of the list and how it may best be used. Safety considerations should definitely be included with every spotting location on the list.
 - Locations are still being scouted. If you have information on a good location, please forward to WA6GFD.
 - A list of where the fire departments deploy for Storm Watch would be useful. Then we will not be duplicating

locations. We would probably have to contact FD directly about this, as it is not coordinated by EMA.

- ARES database updates

- KC0OX is still looking for some way to incrementally check the DB to make sure it is not out of date. We probably need someone to volunteer time to set this straight.

- WA6GFD suggests a mailing via postcard. This would incur a cost (ARES has no budget, as we are not a club) of both time and money.

- KD0HF suggested that any record older than two years could be sorted out on general principles.

- Dosimeter Training

- KC0OX still hasn't heard back in response to his e-mail. He will try to arrange training for a CVARC meeting.

- ATV at radar status

- WA6GFD reports that the new transistors for the amp arrived today. He will try to get those into the amplifier in the next week.

- We found a "foreign device" in our feed line. That's likely a 3 dB loss, so things should improve with that removed.

- We are currently using KA0YSQ's amplifier. We'll get the big amp back in there as soon as possible.

- We'll want to reset the levels when we go live.

- WA6GFD suggested that perhaps we should just switch to the cable channel 57 (or 58, whichever works) frequency, if it is in the band plan. That would make it easier for stations to tune to the radar picture. Many of the newer TVs will not allow tuning outside of the exact center of the channel, making it harder to receive the radar signal.

- WA6GFD suggests taking pictures of the parts placement on the board so we have a guide as to how it should look

when properly completed.

- KC0OX talked about the band plan. Since the transmitter is double sideband, we cannot move the frequency any lower and remain in the Amateur band.

- Liability MOU status

- KC0OX reports no further progress on this item. EMA has received it, but has not reviewed it due to vacations. In progress.

QC NWS Ham Radio Spotter web pages

- KC0OX shared a printout of the web pages. They are brief, but seem good.

- QC can hit our main repeater. It is unknown if they can hit our backup, but they may not need to under most circumstances. (CVARC is open, backup has a tone requirement.)

- The site includes recommended reporting procedures – they are well thought. It is what we have encouraged in the past for our local nets.

Severe WX Spotter procedure review

- Printouts were not available, so procedure not reviewed. Can use current for now.

KC0OX talked about the problems we are having between AT&T/Mediacom and rf.org. E-mails are being blocked in both directions. KX9Y is working on this.

KF0VF reports that we need a net control for the first Sunday for the three months of summer due to N0GUD having contractual obligations each of those evenings.

Discussion of Sunday night net followed for new attendees who had questions.

Submitted by N0GUD

FROM THE PRESIDENT'S DESK

I can't believe it is June already! The year is certainly flying by. June is traditionally one of busiest months for CVARC. We start the month with the PIGMAN SPRINT event and end the month with support to the Dragon Boat races and of course FIELD DAY. In addition this year, we have been asked to support one additional event, the MS Bike Marathon.

Specific details on each of these events can be found in Eric's column in the Bandsread.

I mention these events because they provide excellent opportunities for the amateur radio community to practice some of the things we might be called upon to do should in the event of an emergency or disaster as well as to provide a public service and to have some fun. They allow us to test our emergency power, antennas, and operating techniques in a more relaxed atmosphere than we would find in a real world event. They are also excellent opportunities for new amateurs, or those just getting into public service communications to learn the basics and to become familiar with operating in a more controlled operating environment. For those who enjoy testing their operating skills and making contacts, Field Day provides a great opportunity to show off your skills if you are an old hand, or if you are a new amateur, to get your feet wet working side by side with the more experienced operators. I encourage all members to look at your calendars and if you are available, to support one or more of these events.

We have had some excellent presentations the last couple of meetings and want to thank Jason, AA0II for setting them up. I am looking forward to the programs that will occur later in the year. If you have an idea for a club program or activity, please let Jason or one of the Board Members know and we will see what we can do about getting it on the schedule.

I look forward to seeing you at the June meeting.

73, WA6GFD

FROM ERIC WATSON, COMMUNICATIONS ACTIVITIES DIRECTOR

The Pigman Sprint was held in and around Pleasant Creek State Park on Sunday 3 June. It was a very successful and uneventful event. Special thanks go out to the hams who helped make the event run smoothly: WA6GFD, KC0VTT, KD8BFQ, KC8NYN, KC0VJI, KC0JAR, N0XZL, KC0NXN, KC0ODI, KD1AC, KD1AD, AA0II, KC0TKI, KC0OOF and NA0IA.

The Multiple Sclerosis Society's Cycle for the Cure is Saturday June 16. A series of bicycle courses will take participants through Linn and parts of Jones Counties. Volunteers will be needed for net control stations, water/rest stops, busy intersections and mobiles following the riders. This will be an all day event starting about 0600 and finishing around 1600.

Split shifts will be possible.

The Dragon Boat Races are Saturday June 23 in Pleasant Creek State Park. Volunteers will be need for stations in the start line boat, the timing tent and the staging area. This will be an all day event so split shifts will be possible.

Field Day is Saturday and Sunday June 23 and 24. The June club meeting will be about Field Day preparations.

As of this writing the confirmed calendar of events is:

- June 16, MS Cycle for the Cure
- June 23, Saturday, Dragon Boat Races
- June 23-24, Saturday and Sunday, Field Day
- August 19, Sunday, Pigman
- October 28, Sunday, Devil's Dash 5K & 15K cross country run ***New Event***

Watch the Bandsread for more events.

Communications Activities are open to all Amateurs regardless of experience.

If you would like to volunteer or have questions about any event please contact me

Eric Watson, K0ECW,
k0ecw.ericwatson@gmail.com 319-361-7951

K-12 CORNER

Congratulations to Brett Jones, KC0VJI, inducted into the National Honor Society at Linn-Mar High. Congratulations to Zakir Durumeric, KC0VAA of Iowa City, awarded the PhD Amateur Radio Association Scholarship. This is one of over 40 scholarships administered by the ARRL Foundation. The list of this year's winners is at <http://www.arrl.org/programs/winners2007>. Information about the Foundation and the scholarships is online at <http://www.arrl.org/programs/scholarship>.

We're coming up on the second Kid's Day (the first is in January each year). This June Kid's Day is 16 June 2007, 1800 to 2400Z (or 1300 to 1900 CDT). The ARRL web page for Kid's Day suggests frequencies. For more info on Kid's Day from the ARRL, see <http://www.arrl.org/FandES/ead/kd-rules.html>.

And don't forget to tell friends about Field Day -- this is a great opportunity to see different kinds of

hams and their equipment in action.

Those of you who get to relax during these lazy hazy crazy days of summer should look at the latest Scout Camp Calling Protocol. It's meant to make it easier for scouts at camp to make radio contacts. Last revised in February, this is the first time it's likely to get a lot of use. It's an Adobe Acrobat file, at <http://www.arrl.org/FandES/ead/ScoutCampCallingProtocol-07.pdf>.

As always, if you have tips, success stories or questions about working with K-12 students, we'd like to hear about them. If you have upgraded your license or received a radio award, such as Worked All States, we'd like to share that good news. Please contact us at kc0nxn@arll.net

KC0NXN & KC0NXO

Questions About Newsletter?

Please let us know if there are any errors or omissions that we can correct. If there's something you'd like to see, please also let us know. Is there something that you think you can contribute?

KC0NXN & KC0NXO

CLASSIFIED ADVERTISING

FOR SALE: Cushcraft R-8 vertical antenna. Covers 40m through 6m and has its own stainless steel ground radials. 28.5 feet high - works best at least 10ft. above ground. New in the box two years ago at \$490, will sell for \$300. Ron at 319-366-5947 or WA0AJF@aol.com

FOR SALE: Radio Shack 212 2 meter mobile - very good condition \$200.00; OBE Diamond FX-400 SWR/Wattmeter \$50.00 OBE. Vic Hale KD0OCG 364-3895

FOR SALE: The following retired CVARC items will be available for sale at the June CVARC meeting on June 14. The items will be available for inspection at the next club meeting and will be sold to the highest bidder in a silent auction. Contact Tom Hess KD0HF for more information at 395-9620. Yaesu VHF Xcvr, model FT-2400H. - Frequency selection control is intermittent, but useable; Astron power supply, model RS20A - Excellent condition; Lambda power supply-13 amp, 13 vdc, model LME24-5471; Cushcraft HF beam antenna, - TH6? - Boom length 22 feet. Recently cleaned. Stored inside since removal from Cedar Rapids city hall

roof. Disassembled and ready to move; Power panel for rack mounting - with remote off control - 16 outlets on back side of panel; Power panel for rack mounting - with 110 and 220 volt controls - 4 outlets for 110 volts and one outlet for 220 volts on rear side of control; Grey steel storage cabinet Dimensions: 29" wide, 38" high, 16" deep -four drawers, one large door with shelves.



YOUR AD HERE

The rates are right (free for any amateur), and the audience is perfect for your for sale or wanted advertisement. Send to:

CVARC
PO BOX 2352
Cedar Rapids, IA 52406

Or to kc0nxo@arll.net

All advertisements must be renewed monthly!

About CVARC:

The Cedar Valley Amateur Radio Club is a regional group promoting amateur radio activities in the Cedar Rapids, Iowa area. CVARC is a non-profit corporation registered in the state of Iowa. CVARC meets on the second Thursday of each month in the Kenwood Park Methodist Church at 7:30 PM, Central Time. The meeting consists of club business and a program. The programs tend to be Amateur oriented but we occasionally host a general interest topic. Watch the website at cvarc.rf.org or the Bandspread newsletter for the topic.

All are welcome at these meetings, neither membership nor amateur radio license is required.

CVARC affiliations:

- Amateur Radio Relay League (ARRL)
- Linn County Amateur Radio Emergency Service (ARES)
- Linn County Emergency Management Agency

CVARC Activities:

- Sponsor and present the premier Hamfest of eastern Iowa, in August
- Participation in the Annual ARRL Field Day Event
- Publish a monthly newsletter known as the Bandspread
- Participate in a number of Public Service Activities in the Cedar Rapids area
- Support and Participate in the Storm Watch Net operated by the Linn county ARES organization
- Hold social functions during the year, including the annual Holiday Party and Picnic
- Sponsor a complete ham station at Linn County Emergency Management HQ.
- Conduct classes for Technician and higher licenses each year
- Sponsor VE testing three times a year
- Maintain the 146.745 MHz repeater in Cedar Rapids

Cedar Valley Amateur Radio Club

PO BOX 2352

Cedar Rapids, Ia 52406-2352

Call _____ Name _____ Date _____

Spouse Call _____ Spouse Name _____

Family Members' Call and Name _____

Address _____

City _____ State _____ Zip _____ -- _____

Phone (H) _____ (W) _____ (Cell) _____

EMAIL ADDRESS _____ Please Print

Would you like to be added to the CVARC E-mail reflector? Yes () No ()

ARRL Member? Yes () No () VE Check if yes ARRL VE () W5YI VE ()

Are you interested in participating in Public Service Events? () Yes () No

Help with ham fest? Many job types available. () Yes () No

Dues Regular or Family: _____ \$10/year; Under 18 years of age: _____ \$5/year; Half year after July 1: _____ \$5

===== Club Use Only – Do NOT Write Below This Line =====

Recd: _____ Treas: _____ Entered: _____ Card: _____

Bandspread: _____ Emergency Director: _____ Comm. Act. Director: _____