

W0GQ

W0WSV



BANDSPREAD



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

CEDAR VALLEY AMATEUR RADIO CLUB

Thursday, July 0, 2009, 7:30 PM
Joe and Joey Freeland – Getting Involved as New Amateurs
Antenna Building Project
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 August 2009 Issue is July 23, 2009

BANDSPREAD

The Voice of the Cedar Valley Amateur Radio Club

Bandspread Staff

Publisher	Cedar Valley ARC	e-mail or Business (PHONE)	HOME
Editor & Word Processor	Mike Miller/Laura Runkle	kc0nxo@arrl.net	377-5929
Circulation Manager	Al Groff, KØVM	køvm@arrl.net	393-8134
Mailing	Dave Hallock, WØSS		377-3876

Club Officers

President	Steve Jones, WA6GFD	wa6gfd@aol.com	377-2219
Vice-President	Rick Olney, NØXZL	rolney@qwest.net	396-8979
Treasurer	Dennis Sutherland, KCØPON	dennis.sutherland@mchsi.com	
Secretary	Michael Zomlefer, WØMRZ	michael_zomlefer@hotmail.com	362-0092
Information Director	Bill Clark, AKØR	ak0r@arrl.net	
Membership/Promotion Director	Steve Sawyers, NAØIA	295-5983	377-2877
Program Director	Gregg Lind, KCØSKM	kc0skm@arrl.net	
Emergency Preparedness Dir.	Scott Haney, NØGUD	nogud@arrl.net	366-1465
Communications Activities Dir.	VACANT		

Club Appointments

Station Trustee	Al Groff, KØVM	køvm@arrl.net	393-8134
VE Manager	Darrel Peterson, WAØKHH	waøkh@juno.com	393-8667
Training/Education Committee			
Hamfest Chairman	Rick Olney, NØXZL	rolney@qwest.net	396-8979
Dist 6 West Emergency Coordinator	Steve Jones	wa6gfd@aol.com	377-2219

ARRL Appointments

Linn County Emer.Coordinator	Scott Haney, NØGUD	nogud@arrl.net	366-1465
Ia Section Tech Coordinator	Tom Brehmer, NØLOH	nøloh@arrl.net	
ARRL Midwest Div. Vice Dir.	Cliff Ahrens, KØCA	køca@arrl.org	
ARRL Midwest Division Dir	Bruce Frahm, KØBJ	købj@arrl.org	
ARRL Iowa Section Manager	Tom Brehmer, NØLOH	nøloh@arrl.net	
ARRL Volunteer Consulting En	Steve Sawyers, NAØIA	295-5983	377-2877

Net Directory

3.896 MHz	3900 Club	8:45 a.m. Sundays
146.745 MHz (alt. 145.150-192.8PL)	Linn County ARES Net	7:00 p.m. Sundays
146.850 MHz (-600 KHz)	Johnson County Sunday Net	7:30 p.m. Sundays
145.390 MHz (-600 KHz)	Jones County ARES Net	8:00 p.m. Sundays
146.430 MHz	Iowa County Amateur Net (ICAN)	6:30 p.m. Mondays
3560 KHz	TLCN (CW Section)	6:30 & 10:00 p.m. Daily
3970 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 kc0nxo@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

APRIL CVARC MEETING PREVIEW

Joe and Joey Freeland are a father/son duo, and are two of our newest members, having recently becoming "hams" in the past few months. They will be giving a presentation on getting involved in the hobby, and the various challenges and opportunities the hobby provides.

Joe will begin with a brief light-hearted look at their experiences getting started in the hobby as a father/son, including their inaugural trip to Dayton, contesting together, and getting the shack setup.

Joey will then continue the presentation on his favorite aspects of the hobby, mainly contesting and antenna building. He will share some of his recent contesting experiences as well as some of his past and present antenna building projects.

Antenna projects include 6 elements 2m yagi, 20m dipole, 7 element UHF quad, and recently a 6m folded dipole. The presentation will conclude with a project building session where participants can build a 6m folded dipole.

We are planning to have 10 kits 6 meter folded dipole project. I have 6 people interested currently.

Final cost calculation will be done after I purchase the aluminum rod - I believe the cost will be below 25\$.

I would like the club members to help other's building antenna and we will need folks to help tune the antennas so if you have a MFJ antenna analyzer please bring it. Brush up on how to use your antenna analyzer. If you can bring the antenna analyzer please also bring some good coax cable.

I will bring one set of tools - but we could use possible another couple of set of the following.

Tools and supplies needed ---

Bench vise mounted on a board/something to do the bending. Propane torch to heat and anneal the metal so we can work the aluminum. We will be heating each bend for about 1 minute and then do a bend.

Bring heavy gloves - welding type to help hold and quench the aluminum rod. With safety in mind bring safety classes. I think some basic tools such as a channel lock, tape measure, standard screw driver, hacksaw, 5/16 socket/nut driver, 7/16 socket/nut driver, cordless drill and 1/8 and preferred 9/64 drill bits, solder gun and solder, and extension cord, would be useful to help multiple people to work.

If you have any questions please call me.... or email gregg@thelinds.net

Next month's presentation will be by Warren Amfar W0WL - it will be on antenna myths and potpourri on wire antennas and antenna tuners.

Gregg Lind KC0SKM

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 are organized in annual subdirectories.

If you would like to get an e-mail notice of when the latest Bandspread is on the Website, please email Laura, KC0NXO at kc0nxo@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 k0vm@arrl.net.

JUNE 2009 CVARC BOARD MINUTES

The June 2009 Cedar Valley Amateur Radio Club Board of Director's meeting was held 11 June 2009 at the Kenwood United Methodist Church. President WA6GFD called the meeting to order at 6:32 pm. Others in attendance were: N0XZL, KC0SKM, AK0R, W0MRZ, N0GUD, KC0PON and WA0KHH.

The Board Minutes from the May 2009 meeting were accepted without modification by a unanimous vote of the Board.

KC0PON reported a total of \$1874.74 balance in the club checking account.

N0XZL noted that WB8ZRL would be attending the upcoming Hamfest and serve as an evaluator for DXCC applications at that time. The club vp also discussed various mailing list options for Hamfest and WA6GFD agreed to review the existing mailing list and edit it as appropriate. As part of that effort, WA0KHH agreed to provide those concerned with contact info for those hams who obtained licenses over the past year.

WA0KHH discussed the next Ham Exam Session which will be held at Hamfest on August 2nd starting at 10 am. Registration will for the exam session will be downstairs and just outside the main Hamfest venue, while the actual exam session will take place upstairs.

KC0SKM advised the Board that Joey Freeland will be providing a 'hands-on' talk/demonstration at

the next meeting, which will revolve around an omnidirectional, horizontally-polarized 6m dipole configuration.

Steve Jones discussed upcoming events in which the club will participate, including Pigman, Tour for the Cure as well as the ARRL Field Day. WA6GFD agreed to organize logistics for Field Day, while KI0IB would coordinate the phone station and W0MRZ would be coach for the GOTA station. Details for all of these special events will be made available in upcoming Bandsreads.

The board meeting was closed at 7:09 pm.

Submitted by W0MRZ, Secretary

JUNE 2009 CVARC MEETING MINUTES

The June 2009 general membership meeting was held Thursday, 11 June 2009 in the Kenwood United Methodist Church.

The formal meeting was opened at 7:32 PM by President WA6GFD with all attendees and guests introduced themselves with 76 members and guests present, including students from the ongoing general and technician classes.

The Club President introduced Sgt Christie Hamlin of the Cedar Rapids Police Department who thanked the Club for its active participation in the recent 'Walk for the Community'.

KC0SKM made a formal introduction for the presentation for the evening:

“Frequency Allocation and Broadcast Engineering Services Software” by Doug Vernier, K0DV, President and Senior Engineering Consultant, V-Soft Communications, LLC

The minutes for the May 2009 meeting were accepted unanimously by those present.

KC0SKM advised the Board that Joey Freeland will be providing a 'hands-on' talk/demonstration at the next meeting, which will revolve around an omnidirectional, horizontally-polarized 6m dipole configuration.

The Bandsread editor advised members that they should contact him if they were not getting electronic copies of the Bandsread via email.

Club Treasurer KC0PON reported that the club had a balance of \$1874.74. KC0PON also wanted members to know that the local D-Star simplex frequency was 145.670 and that the upcoming TAPR

digital conference would be in Chicago.

N0XZL noted that WB8ZRL would be attending the upcoming Hamfest and serve as an evaluator for DXCC applications at that time. The Club VP is also looking for volunteers to help with ticket selling at Hamfest this year.

WA0KHH discussed the next Ham Exam Session which will be held at Hamfest on August 2nd starting at 10 am. Registration will for the exam session will be downstairs and just outside the main Hamfest venue, while the actual exam session will take place upstairs.

Steve Jones discussed upcoming events in which the club will participate, including Pigman, Tour for the Cure as well as the ARRL Field Day. WA6GFD agreed to organize logistics for Field Day, while KI0IB would coordinate the phone station and W0MRZ would be coach for the GOTA station. Details for all of these special events will be made available in upcoming Bandsreads.

N0GUD announced that the Governor of Iowa had issued an award to Linn County ARES for its efforts during the flood of 2008. In addition, the Governor has issued a proclamation declared the week of Field Day as Amateur Radio Week for Iowa.

N0XZL reminded the Board that this would be his final year as organizer/lead for Summerfest. The club VP offered to assist his replacement in organizing the 2010 Summerfest event.

The meeting was closed at 9:53 pm.

Submitted by W0MRZ, Secretary

LINN COUNTY ARES WINS GOVERNOR'S AWARD FOR SERVICE

The Amateur Radio Emergency Service of Linn Co., Iowa received a Governor's Volunteer Award from Governor CHESTER J. CULVER, during a special ceremony held June 19, 2009 in Marion, Iowa.

The Governor's Volunteer Award program was established in 1982 to honor and recognize volunteers for the commitment, service and time that they contribute to Iowa's government agencies and nonprofit organizations. More than 680 volunteers were selected for awards in 2009. Volunteers may be nominated for an award in one of three categories: Individual, Group, or Length of Service. And, for 2009, a special category was added to recognize



disaster assistance and recovery volunteers.

Scott Haney, N0GUD was selected for the Group Award by Linn County Emergency Management Agency for the 2008 Iowa Flood Disaster Assistance.

“The devotion of these volunteers helps Iowa consistently remain in the top 10 states in the nation for its volunteerism rate,” said Governor Culver. “Lt. Governor Judge, the First Lady, and I are honored to have this opportunity to personally thank this year’s award recipients for donating their time, dedication, and talent to make a tremendous difference in our state.”

The most recent “Volunteering in America” study shows that volunteers in Iowa collectively contribute 89.3 million hours of service and have an estimated economic impact of \$1.7 billion annually. The entire report can be viewed at www.volunteeringinamerica.gov.

The Governor’s Volunteer Award program is coordinated by the Iowa Commission on Volunteer Service and the Governor’s Office. For more information, visit www.volunteeriowa.org or call 515/725-3094

ARES PLANNING COMMITTEE MEETING MINUTES – JUNE 2009

Minutes for 4 June 2009 ARES planning committee

Attending: AC0HB, KD0HF, N0GUD, KI0OB, KC0GFO, KB0KW, KF0VF, N0XZK, WA0FBX, KD0HUH, KC0PON

- Introductions
- Review of past month's activities

- Neighborhood Walk 21 May
 - Went very well, very easy event.
 - Liaison to CRPD went very well. Liaison had to be done through repeater as simplex did not work from their current location.
 - There was a last-minute change to the route that threw things momentarily.
- Weather event 14 May
 - Very mild, no real activity.
- NDMS drill this summer, 11 July
- No new information.
- N0GUD to contact WA6GFD.
- Will probably run 0800 to 1300.
- MS Bike Ride (August)
- No new information.
- WA6GFD tasked to gather more data.
- Review action item list
- Reviewed, with progress noted.
- Collins Radar
 - UPDATE received from Collins radar technician: At this time, the radar is running but it does not have 5 colors, just 4 and no velocity. The antenna had a major problem and it appears that it took the RT with it.
 - N0GUD to arrange a test.
- Independence Day Net
 - No command post has been requested.
 - Comm Center at EOC will be active.
 - AC0HB will staff EOC with an experienced operator.
 - KD0HF will be on-site but in EOC (most likely).
 - Will put out word for volunteers for EOC.
- Military Vehicle Preservation Association convoy
 - 21-23 June. Convoy will cross all of Iowa.
 - Map on their website.
 - Coincides with diabetes bike ride.
 - N0GUD to talk to WA6GFD about this event – have no news at this point.

- Governor's Volunteer Award
- Linn County ARES has been selected for a Governor's Volunteer Award.
- Presentation 0930h on 19 June at Linn-Mar auditorium.
- Amateur Radio Week 21-27 June
- Proclaimed by Governor Culver to coincide with week of Field Day.
- May be additional presentation on 19 June – WA0ZZG will keep us posted.
- Pigman (7 June)
- We have about 20 people, so event should be covered.
- Field Day
- Planning continues.
- Need to verify that we're at Regis – some talk about changing location.
- Dragonboat Festival is canceled, so staffing should be a bit easier.

Submitted by N0GUD

SUMMERFEST 2009

presented by the Cedar Valley ARC

August 2, 2009

Teamsters Hall

5000 J Street S.W.

Cedar Rapids, IA

Setup on Saturday Aug 1 from 1:00 P.M. until 7:00 P.M.

and Sunday from 6:00 A.M. until 8:00 A.M.

Doors open at 8:00 A.M. until 1 P.M.

LARGE open air free flea market, plenty of parking with Handicapped parking on grounds.

Well known vendors including Radio City and WB0W.

Tables in air conditioned comfort \$10 each and tickets for \$5 (*no charge if you are only taking ARRL tests*).

Call for early Reservations on tables because the sooner you do the BETTER location you will get!

Homemade food and drinks with free coffee.

HOURLY DRAWINGS with the GRAND PRIZE drawing at 1:00 P.M.!

Full ARRL testing available starting at 9:30

registration and testing starts at 10:00

FROM THE PRESIDENT'S DESK

By the time this goes to press we will have a couple of more public service events under our belts. The PIGMAN SPRINT Triathlon went very well and was a quiet event this year. We had several of our newly licensed members join us for the event, and the extra manpower allowed us to place plenty of stations along the route.

In addition, the Diabetes Ride for the Cure event also was a big success. I want to thank Justin, KI0OB, and the entire crew who volunteered to help with this last minute event for the outstanding job they did in supporting this event.

While I am on the subject of Communications Activities, please mark your calendar for the following event yet to come:

- August 16 will be the long PIGMAN Triathlon at Pleasant Creek State Park
- August 29 and 30 will be the Multiple Sclerosis Cycle for the Cure 150 mile ride.
- September 26 will be the Alzheimer's Association Memory Walk in Noelridge Park
- October 25 will be the Muddy Monster Cross Country Run (site TBD)

More details on these events will be forthcoming.

I would like to wish every club member a very happy 4th of July Holiday!

I look forward to seeing you at the July meeting!

K-12 CORNER

Summer's here! Do you know any student who coulSummer is in full swing, and we're in the lull between Field Day and Summerfest. Just a week after Summerfest, on 9 August, the Cedar Rapids Science Station will have a free, hands-on family program "Ham Radio and the Poles." This will be from 2 pm to 3 pm in Lindale Mall in the lobby outside Younkens department store.

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@arrl.net

KCØNXN & KCØNXO

AN UPDATE ON COMMUNICATIONS EVENTS

- ◆August 16, Sunday: Pigman Long Triathlon at Pleasant Creek State Park and surrounding communities.
- ◆August 29-30, Saturday and Sunday: Multiple Sclerosis Cycle for the Cure 150 mile bike ride. Cedar Rapids to Marshalltown on Saturday. Marshalltown to Cedar Rapids on Sunday.
- ◆September 26, Saturday: Alzheimer's Association Memory Walk at Noelridge Park.
- ◆October 25, Sunday: Muddy Monster Cross Country Run.

AREA NEWS

2009 Tesla Fest & Inventor's Faire & Midwest Amateur Radio Swap Fest

When: Sat, Aug. 29th Gates open 11 AM and event runs until 11 PM

Setup for displays & demos opens at 10:30 AM

Where: Baraboo / Sauk County Fair Grounds off Hwy 33 on east side of Baraboo

Available power (max) is 120 / 220 VAC @150 Amps to run large Power Displays.

Indoor accommodations in the event of rain, heavy snow, hurricanes, or blizzards!

Tesla coil demonstrations commence at 12 noon and run until 11 PM.

Large scale demos evening hours 7-11 PM

Exhibits include 800 kV Marx Impulse Generator, 1 million Volt Tesla Transformer, 40 kVA HV Climbing Arc, 750 kV Van de Graaff Generator, and solid state "singing" Tesla Transformers.

Open to all Midwest inventors to display their crafts on 10 x 10 ft. lots.

Large group of Midwest inventors displaying their ideas including a large roaming robot.

Large attendance by venture capitalists and entrepreneurs is anticipated.

Any type of high voltage machine is welcome. Displays includes Wimshurst, Tesla Coils, Marx Impulse Generators, Jacob's Ladders, Van de Graaff Generators, Plasma Globes & Plasma Cylinders, Crackle Tubes, etc.

Tesla wireless power transmission demonstration.

Large Swap Fest for Amateur Radio Operators

On-site sales with lot'sa parts, goodies, radios.

We ask any demonstrators or inventors to contact us prior to Aug. 10th so that we may tape off a setup location for your demonstration or invention.

Email your request to resonance@wildblue.net
Please be specific regarding your intentions and power requirements.

COMING NEXT MONTH

Field Day Reports and Pictures!

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?

KCØNXN & KCØNXO

CLASSIFIED ADVERTISING

WANTED: Information leading to recovery of the following amateur radio equipment stolen from my car in front of my residence in early February 2009: Kenwood Dual Band Mobile UHF/VHF TM-V71A, Serial Number 90200023; Kenwood Tri-Band Hand Held TH-F6A Serial Number 70600081. Dave, KBØKW, krk9840@msn.com

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 kcønxo@arrl.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 and License Class _____ Name _____ Date _____

Spouse Call and License Class _____ Spouse Name _____

Family Members' Call, Name, and License Class _____

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: _____