

W0GQ

W0WSV



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BANDSPREAD



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

CEDAR VALLEY AMATEUR RADIO CLUB

Thursday, August 10th, 2006

7:30 PM

Antenna Safety by K0LYP

*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 September issue is August 31, 2006

BANDSPREAD

The Voice of the Cedar Valley Amateur Radio Club

Bandspread Staff

		e-mail or Business (PHONE)	HOME
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Club Historian	Dave Foster, NØCYH		377-8568
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Hamfest Chairman			

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ARRL Iowa Section Manager	James Lasley, NØJL	nøjl@arrl.org	
ARRL Volunteer Consulting Eng	Steve Sawyers, NAØIA	295-5983	377-2877

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 kcønxn@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

August CVARC Meeting Preview

Our attention to safety in antenna installations was renewed when people died last year at the Boy Scout Jamboree. This tragedy could have been avoided by observing, planning, and changing the location of a tent.

Those who have seen my backyard know that I have a power line right of way on my property. There are also three homes whose power is connected to the power line above the ground. Every year I look at this situation while planning a big antenna. My safety limits the size of anything that I do.

John Sevcik, K0LYP, worked at ESCO where he was concerned with safety everyday while on the job. We have been looking forward to this presentation for almost a year. Please pay attention. I do not want to see your obituary in the paper

JULY 2006 CVARC BOARD MINUTES

The July 2006 CVARC Board of Directors meeting was held Thursday, July 13, 2006 at 6:30 PM at the Kenwood United Methodist Church. The meeting was called to order by President WA6GFD. Other attending were: N0XZL, KF0EC, WT0D, AA0II, KC0OOF, KC0OX, NA0IA and K0AL

KF0EC reported the current checking account balance is \$6,089.60. She announced that she will putting \$5,000 into a "7 day roll account" which will give us ready access but produce slightly higher yield.

After discussion, KC0OX moved to purchase a new 12 volt DC power supply from a Summerfest vendor for the club "go kit" with a \$150 limit. Motion seconded by NA0IA and carried with one nay vote recorded.

KC0OOF gave a recap of the recent Field Day activity that saw a raw score of 3,406 points with 20 operators involved, 600+ CW contacts, 400+ Phone contacts and 31 digital contacts and a total score of 4.056.

KC0OOF reported that he had a request to provide communications for an American Legion State Convention parade to be held in Marion on Saturday evening, July 15 at 6:00 PM. Approval was approved on a motion by KC0OOF and seconded by NA0IA.

KC0OOF reported that he had a request from N0CIH to provide communications for the Midwest Tandem Bicycle Rally. The Rally is to be headquartered at the Marriot Hotel on Collins Road and will feature rides each of three days, September 1, 2 and 3. The September 1 ride is to Usher's Ferry and back, the September 2 ride is to Mt. Vernon and back and the Sept. 3 ride is to the Coralville Reservoir and back.

Support for taking this event to the general membership was approved on a motion by KC0OOF and seconded by K0AL.

AA0II suggested that CVARC reinstitute club picnics beginning with 2007. Jason offered to chair the event and K0AL volunteered to assist. On a motion by NA0IA and seconded by K0AL, this was approved.

AA0II suggested we consider club promotional items, such as pencils, note pads, etc. that could be used for trick or treat give outs, Science Fairs, Field Days or other special events. These items could be imprinted and give information on how to contact the club. NA0IA thanked Jason for the suggestion and said as Membership / Promotion Director he would make some investigation as to the cost of such items and report back to the Board.

AA0II suggested the club consider placing our excess treasury funds into vehicles bearing greater yields than the current bank accounts and CDs. Questions arose about what types of investments we may be barred from making due to our "non-profit" status by the IRS which we do not want to jeopardize.

NA0IA made a motion to table this issue until some investigation could be made concerning any IRS limitations. Motion seconded by K0AL and carried by unanimous voice vote.

N0XZL reported on Summerfest plans and status. He mentioned that Dr. Denny Crabb, Section Repeater Coordinator will be flying into the Eastern Iowa Airport to attend Summerfest and requested transportation. K0AL volunteered to pick him up since he has a pass to take his vehicle on airport property.

NA0IA moved and KC0OOF seconded that the July Board meeting be adjourned. Motion carried.

Submitted by K0AL

JULY 2006 CVARC MEETING MINUTES

The July 2006 General Membership meeting was held Thursday, July 13, 2006 at 7:30 PM at the Kenwood United Methodist Church. The meeting was called to order by President WA6GFD. All attendees introduced themselves with 22 members and guests present.

On a motion by WT0D and seconded by W0WLL, the June meeting minutes as published in the July Bandsread were approved.

NA0IA reported that due to increased workload he would like to pass the gauntlet for chairing the Repeater Committee. Anyone interested can contact Steve or one of the other Committee members (W0SS, KC0PON, KC0OX or AD5QZ).

KC0OX reported that ARES has a vacancy for the Net Control on the 3rd Sunday of the month. Anyone interested should contact KC0OX or KF0VF.

KC0OX reported that the e-mail reflector is a good resource for information for either CVARC and ARES and one can be placed on the mailing list by responding to the prompt at the web site.

KC00OF reported on Field Day activity and several Public Service events coming up:

Volunteers are needed to provide communications assistance for the American Legion State Convention Parade to be held Saturday, July 15 at 6:00 PM in Marion. This will be a short parade and a minimal number of operators will be needed.

We have been asked (by a fellow ham, N0CIH) to provide communications assistance to the Midwest Tandem Bicycle Rally to be held in Cedar Rapids on September 1, 2 & 3. There will be rides each of these days for which communications is sought. Contact KC00OF for details.

We have again been asked to provide communications assistance for the Pigman Athletic events to be held Saturday, August 19 at Pleasant Creek State Park and routes nearby.

A social break was held at which refreshments provided by AA0II were served.

The door prize drawing for an ARRL publication "Hints and Kinks" was held and WA6GFD won.

K0DAS gave a synopsis of the Spring 2006 effort to solve the Amelia Earhart mystery. Due to a medical emergency they visited (again) Tarawa where he and Tom Vinson were able to put T30CXX on the air for a 24 hour period. Inflation has reached the south Pacific as Rod said the license this time cost \$66, a 50% increase from 4 years ago.

N0XZL addressed the coming Summerfest.

We need manpower!!!

1. The Teamster hall has very limited parking so we will be placing signs denoting those places where owners have agreed to allow parking and noting some who have NOT agreed. We need volunteers to place and REMOVE the signs.
2. There is only one overhead door to the hall, so we will need extra manpower to assist vendors in bringing in and REMOVING their wares.
3. CVARC will be operating the food stand and extra help can be used in the kitchen and serving.
4. The hall will be open for set up at 2 PM on Saturday, August 5.
5. The main prize drawing will be held at 12:45 PM
6. At the conclusion of the drawing help will be needed to clean up the facility and police the outside areas, including parking lots, as well.
7. There will be a VE session.
8. W0EJ will give a report on the recent ARRL

Board meeting and any developments on that scene.

Summerfest provides the BULK of the operating money to CVARC, without a successful Summerfest, we could not maintain all of our present activities.

Meeting adjourned by motion of WT0D and seconded by NA0IA.

Submitted by K0AL

ARES Meeting Minutes for June 1, 2006

Attending: KD8BFQ, KD0HF, KC0OX, KF0VF, N0GUD, WA6GFD

- 1 Minutes of the May meeting were reviewed and approved as written.
- 2 KF0VF reports that Hawkeye Radio Communications will be handling the Tanager Festival this coming Saturday. He says he is still the liaison with the group under the new name.
- 3 KF0VF reports that have a situation with net controls. He had some difficulty getting a substitute (admittedly on short notice). One of those substitutes has a schedule that often precludes his participation on Sundays. Another substitute has asked to be removed from the list. This leaves only two people as substitutes, one of whom is unavailable in the summers until the first weekend of August. KF0VF would like another operator on the list, preferably two. More is fine, as we can't have too many trained net control stations. KF0VF says that KC0UMS has expressed interest. KC0OX has taken the action to ask for volunteers at the next CVARC meeting or three.
- 4 Past month's activities:
 - a) Nothing to report.
- 5 Lessons learned: Dayton Katrina ARES Forum & Iowa City tornado
 - a) Forum speaker (ARRL person) said that the ARRL was not prepared for the hurricane as it happened to go. Request was for 700+ operators, but only 200 were able to be fielded. This pointed out that ARRL's organization stops at the section level, and activating amateurs on a nationwide basis was more difficult than anticipated as a result.
 - b) They are preparing the specifications for a web-based tool to provide information on

qualifications to be on the call list. There are many questions to be answered before that list can go live, however.

- c) Locally, should we add to the Linn County database a checkbox indicating a willingness to be called 24/7? This would not obligate anyone to actually respond – it indicates only that they are willing to accept calls at any time. We would not, for example, activate the entire call tree in the wee hours of the morning for anything not directly in our county. Pager carriers are automatically on this list.
- d) On the database in general: we should contact every person on the list once per year to ascertain if that operator is willing to continue to be a registered participant. It is important to note, however, that willingness to be in the database is not the same as willingness to be on the 24/7 call list.
- e) N0GUD will send e-mail to membership asking them to update their data.

6 Project Reports

- a) EOC Station Completion
 - i KC0OX went to CVARC board to get money for RS232 for PMAP (related to APRS). CVARC indicated that the budget approved may be spent as desired. We are looking for a four-port, nine-pin switch. Donations accepted.
 - ii Discussion of Interwarn/StormLab software – do we want this? Interwarn is used by KC0OX for the pager system in his home. Both are good tools, but we need to consider if it will be greatly used in the EOC.
- b) Dipole Interference
 - i No new report. This will take a while to investigate. The interference effectively prevents us from using HF in the EOC.
- c) Training Recommendations
 - i We need to publicize the recommendations. We will put some thought into the venues.
- d) SET

- i No new report. We need to pick a target date (not June!).
- ii WA6GFD reported that FEMA ran a drill today. It was interesting in that any authorized station (such as MARS) was eligible to participate. This may be indicative of a change where such services are moved from DoD to FEMA. Some discussion followed on SHARES and the various radio services.

7 E-mail on bird flu from KA0YSQ

- a) Some good points were raised about bird flu. We need to be aware of the issues. For the most part, we will be operating as communicators – even in the hospitals, we will largely be only in the radio room. We should, however, learn basic techniques to reduce the risk of contracting H5N1.

8 KC0OX reports that a proposal exists to remove NDSM from DHS and put it back in the purview of the Department of Health and Human Services.

9 Web Site Status

- a) We have had server issues and disk issues. We have the website partially restored. The server suffered an FTP password attack as things were being uploaded, so it was shut down. There are permissions that need to be adjusted before we have full access. KC0OX has updated a number of things.

10 KC0OX mentioned Mobile Radio Technology magazine.

11 KC0OX reports that, through a DHS grant, Marion FD and Marion PD now have radio interoperability. Details will be forthcoming. Marion PD also can also link a new UHF frequency (460.275) to the Linn County Sheriff's frequency.

Respectfully submitted by N0GUD

ARES Planning Committee Minutes - July 6, 2006 Attending: KB9CEF, KC0OOF, KF0VF, WA6GFD, KC0OX

1 Lessons Learned from Past Events – Members looked at past events for lessons learned that may be applied to actual emergencies.

- a) Dragon Boat – KC0OOF recommended

publishing an information sheet for new participants. KF0VQ is looking for a definition of what determines a “communication” in a net environment for purposes of determining when to identify.

- b) Field Day – KC0OX recommended that a list of equipment and their owners be maintained by the group for those items normally used during Field Day. This would include the generator, power cords, towers, antennas, tents, and other unique equipment. This would be a valuable resource if an actual emergency occurred requiring a Field Day style setup. WA6GFD noted that the CVARC Club Property List would also be a valuable resource.
- c) 4th of July Fireworks Net – WA6GFD reported that the net (and the event) was quiet. 12 Amateurs checked in. Some interference from the other commercial radios in the Command Post were noted. No interference to the commercial radios by the Amateur station was observed, but that does not mean there was no desense as the commercial radios all run CTCSS. WA6GFD recommended that more Amateurs be trained on the operation of the Police and Fire radios in the Command Post. The Amateurs could then assist others that are not familiar with the operation of those particular radios. KD0HF is investigating how to better match the headset audio to the radio. Some headsets are too sensitive, and cannot be turned down without introducing some distortion.

2 Upcoming Events

- a) DAEC Drills – Drills are scheduled for August 9, September 20, and October 18 (FEMA Evaluation). We will need Amateurs to participate in simulated VHF net during the September and October drills. We may also be looking for HF operators to relay messages to the Des Moines EOC in the event that Kirkwood cannot resolve the EOC PA system susceptibility to the Amateur and CAP HF transmitters prior to the drills.

3) Old Business

- a) KC0OX submitted a Bandsread article on the E-mail reflectors that are available for CVARC

and Linn County ARES.

- b) WA6GFD, KD0HF and KC0OX held a working session at the EOC. The PA interference was determined to be RF rectification on the microphone mixer inputs. KC0OX will talk to EMA and Kirkwood to request that RF filters be installed. KD0HF and WA6GFD repaired the 80/40 dipole and looked at relocating both the Amateur and CAP wire dipoles. KC0OX installed the Precision Mapping software (purchased by CVARC). This software is part of getting APRS running at the EOC.

4) New Business

- a) KC0OX reported that his Interwarn software (NWS Warnings to E-mail gateway) is back up 24/7 after being reinstalled on a newer Pentium computer.
- b) KF0VF indicated he is looking for additional weekly ARES net control station. WONEW had to resign due to changes in his work schedule.
- c) KF0VF reported that another source of repeater frequency information can be found at www.artscipub.com/repeaters/states/iowa.asp
- d) The group discussed the procedures to establish a net control during a Storm Watch event when the “regular” net controls are not available. According to the current SOP, any Amateur is allowed to assume this role. However, many are probably hesitant to step in. Several suggestions were made, including offering additional net control training and to specifically recruit Amateurs known to already have excellent net control skills.

Respectfully submitted by KC0OX

From the President’s Desk

It is hard to believe it is August already. The summer has just flown by. I want to remind everyone of the HAMFEST on 6 August. Please attend and enjoy the vendors and the flea market. If you can also help with this event, please get in touch with Bill N0LNO or Rick N0XZL.

We are also looking for a Net Control Station and alternates for the Sunday evening ARES Nets. If you are interested please contact Doug, KF0VF for more

information. This is an excellent opportunity to learn the ins and outs of controlling a Net. You never know when you will need the skill for real.

I want to thank all of you who have participated in the recent Severe Weather Nets. Your efforts are greatly appreciated by the local community as well as the National Weather Service. Our reports are very often the first verification of what is being seen on radar and often gives that vital extra few moments needed to get the local community to shelter.

I look forward to seeing you all at the August meeting!

73, W6GFD

**From Communication Activity Director,
Phil Shook**

The American Legion Parade went off without a hitch. CVARC set up a portable communication center right behind the Legion reviewing stand. Need to give WA0SYQ big round of applause for making sure that we had electricity, table and chairs. The Operator turn out was very good. Rob, KB9CEF manned the starting point at the Marion High School. We had Jason, AA0II, WA6GFD President Steve, W TOD Vice President Lee, W0SS Dave Hallock, and WA0ZZG Dave Maley, who couldn't fit into the Lead Corvette, only because there were only two seats. All were positioned along the parade route. There were no problems encountered and after the parade we all adjourned to Naso's Restaurant where we enjoyed a great meal.

After the Hamfest, August 6, the next BIG project is the Pigman Triathlon August 20, at Pleasant Creek Park, Palo. Carla Schrad, asking about T-Shirt sizes, has already contacted me. We have made some changes for this race. The CVARC Command Center will be located at the Gazebo just as you enter the park. As the race has grown, so have problems. We have discussed with the organizers our ideas on improving the race coverage and most of our recommendations have been accepted.

Normally, the Pigman race would wrap up our summer activities. The only event left would be the Alzheimer's Association's Memory Walk at Noelridge Park on Saturday, September 6th. This year CVARC has been asked by Ron Neyens, N0CHI, to support the radio communications for the 2006 Midwest Tandem Rally. The dates are September 1st – a warm up to Ushers Ferry, 2nd – a ride to Mount Vernon, and 3rd –

a ride to the Lake McBride area. This is all over Labor Day weekend. The race will be based at the Marriott Hotel, on Collins Road. They are offering to pay for fuel used, and will also provide lunch.

Again thanks to everybody who has helped on the public service projects. And hope to see a 100% turnout for Hamfest. N0XZL has really worked hard. If you get a chance let him know you appreciate his work.

K-12 Corner

We're nearing the end of summer vacation, and beginning to look ahead to the next school year. This fall there are will be lots of opportunities of volunteer to help with the schools in the area. Be on the lookout for the chance to introduce students to amateur radio.

The ARRL is also cooking up some great ideas. In the August 2006 issue of QST (p. 20) we read the details of their Homebrew Challenge: "a complete HF and CW station that can be successfully reproduced for under \$50." The \$50 budget doesn't include power supply, microphone, key and headphones or speakers. The idea is to have a project that can be built from ordinary parts, with hand tools, and checked out with a multimeter or homebrew test equipment. Entries will be accepted until 1 August 2007, and the winning design will be published in QST. If they're successful, this would be a great project for many of us to use to get students interested in radio or electronics. (Quite frankly, we're looking forward to building one or two of these ourselves!) The contest runs from now until August 2007.

How about giving kids the chance to practice some basic electronics techniques? Try "unbuilding" a small appliance, like a VCR, boom box or clock radio. Two dead clock radios are lying in state on our workbench, one for each one of our children. With our help, they get to disassemble them down to spare parts. They'll get experience in seeing how some consumer electronics are put together, as well as practice at soldering and desoldering. They get to keep whatever they can salvage -- speakers, power supplies, and so on. This should take a lot of the fear out of attempting an electronics project -- you really can't make a broken clock radio any worse!

Finally, the ARRL web page in early July had a story about a "Scout Camp Calling Protocol" for Boy Scout campers. The idea is to have agreed-on frequencies and times for Boy Scouts on campouts to try to get in touch with other scouts on HF:

www.arrl.org/news/stories/2006/07/06/102/

As always, if you have tips, success stories or questions about working with K-12 students, we'd like to hear about them. Please contact us at kc0nrxn@arrl.net, or 377-5929.

73, KC0NXXN & KC0NXO

August 6, 2006 SUMMERFEST VE TEST SESSION

The Cedar Valley ARC is sponsoring a VE test session which will be held on Sunday, August 6, 2006 at the Teamster's Hall, 5000 J St. SW, Cedar Rapids, IA. Registration will open at 9:30 AM, with testing to begin at 10:00 AM

Applicants will need to present the following items:

- 1) Photo ID;
- 2) Social Security Number or FCC-issued Federal Registration Number (FRN);
- 3) Original AND photocopy of existing license (if any) and/or any valid CSCEs for test element credit;
- 4) \$14.00 test fee. Personal checks, payable to ARRL/VEC, are OK for paying the test fee. If you plan to pay the test fee in cash, exact change is GREATLY APPRECIATED!

For further information, contact Darrel Peterson at 319-393-8667 or email to wa0khh@arrl.net.

Darrel Peterson, WA0KHH

N0LNO Has a Pleasant Experience

I have been remiss about writing an article for some time. This evening I am moved to share my experiences.

I spent an hour recruiting club members by phone to work at the Hamfest. Aside from many disconnected numbers and unanswered phones, I found many people who enjoyed talking to me. This is not because I am a great conversationalist (although, I cannot keep from talking to people once we are connected). Everyone volunteered as their calendar and health permitted. All I needed to do was ask for help.

As leaders, we sometimes complain because nobody volunteers. At meetings, we are sometimes disappointed because people are not jumping up to volunteer. We sometimes forget that not every member can attend the meetings. Calendars are insane these days.

We need to use our club directories to call members to ask them if they can help. Based on my experience this evening, this club should never be short of volunteers to perform any task if we just ask

for help. The best part is that these volunteers will have fun contributing to their club because volunteering is fun.

Do we need to publish a new directory?

73, Bill, N0LNO

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. Would ARRL news be redundant for most people? Is there a Q and A column you would like to see? Is there something that you think you can contribute?

KC0NXXN & KC0NXO

CLASSIFIED ADVERTISING

For Sale: Complete Ham station, including: Kenwood TS-440s HF Transceiver, SM-220 Station Monitor, MC-60 Microphone, SP-70 External Speaker, Astron RS-20A DC Power Supply, MFJ MFJ-1702B Manual Antenna Switch, MFJ-815B Deluxe HF Peak Reading SWR/Wattmeter, NYE Viking 020-001 Low Pass Filter, Ten-Tec Model 239 Dummy Load 50 Ohm 300 watt, Van Gorden G5RV HF Dipole Antenna. All in Excellent condition except for G5RV and SP-70, good, and SM-220 with unknown problem. Package price *reduced to \$400*. Contact Jack Holmes, 319-446-6248, or 319-431-0534

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 kc0nrxn@arrl.net
All advertisements must be renewed monthly!

Volunteers Still Needed for Summerfest

If you don't see your call sign on the grids below, we could certainly use your help. Please contact Richard, N0XZL, to volunteer, at 396-8979. You can also contact Bill, N0LNO at wceec@mcleodusa.net.

Daisy, KF0EC, can also use help in the kitchen area. Please contact her at 227-7796.

Thanks! Without you, there's no Summerfest.

HELP NEEDED WITH SUMMERFEST – Cedar Valley Amateur Radio Hamfest

Help Needed: All Locations

Setup: Need 6 people at 2:00 pm Saturday

N0VNV	KC0OX	AA0II
WA0KHH	K0AL	

Parking Support:

Time:	Person 1	Person 2
6:00	WA0YLU	KC0BHU
6:30	WA0YLU	KC0BHU
7:00	WA0YLU	KC0OKZ
7:30	KC0PON	KC0OKZ
8:00	KC0QWO	KC0OKZ
8:30	KC0QWO	KC0OKZ
9:00	KC0QWO	KC0LVC
9:30	KC0QWO	KC0LVC
10:00	KF0OP	
10:30		
11:00		
11:30		

Ticket Sales

Time:	Person 1	Person 2	Person 3
6:00	KC0OOF	KD0HF	KC0ORM
6:30	KC0OOF	KD0HF	KC0ORM
7:00	KD8BFQ	KD0HF	KC0ORM
7:30	KD8BFQ	KD0HF	KC0ORM
8:00	W0SS	KC0NXN	KC0ODI
8:30	W0SS	KC0NXN	KC0ODI
9:00	W0SS	N0CS	W0DAT
9:30	W0SS	W0DAT	
10:00	W0OF		
10:30	W0OF		
11:00	KC0ONY		
11:30	KC0ONY		

Teardown: Need 6 People

AA0II	WA6GFD	K0AL
K0LYP	KC0ONY	

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 ()

Do you wish to be included on the Emergency Call List? () Yes () No

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: _____