

W0GQ

W0WSV



Since 1949

BANDSPREAD



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

CEDAR VALLEY AMATEUR RADIO CLUB

Thursday, July 13th, 2006

7:30 PM

Summerfest Planning

*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 issue is July 27, 2006

BANDSPREAD

The Voice of the Cedar Valley Amateur Radio Club

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		e-mail or Business (PHONE)	HOME
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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 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

JULY CVARC Meeting Preview

It's time to get ready for Summerfest. This is the first time in several years that we've been at the Teamsters' Hall, so we need everybody to help this run smoothly.

Please come to make the final arrangements, and sign up to volunteer. If you can't make it to the meeting, please get in touch with Phil, KC0OOF, and/or Daisy, KF0EC, to volunteer. Please see the sign-up sheet in this issue. We need you.

See you at the meeting on July thirteenth!

JUNE 2006 CVARC BOARD MINUTES

CVARC Board Meeting of June 8, 2006, was called to order at 6:30 for at Kenwood United Methodist Church. In attendance were: WA0GFD, KC0OOF, KC0OX, WA0KHH, N0XZL, N0LNO, WA0ZZG, and KF0EC.

WA0KHH discussed upcoming exams.

KC0OX reported that the mapping software for EMA had been received. There will be a net during the fireworks.

N0XZL reported on Hamfest. Organizations will be charged for tables. We will look into wristbands or hand stamps or marks. Mailing discussed.

KF0EC reported that we had received a Declaration of Inspection. Notice of the filing of the updated Articles of Incorporation was received.

KC0OOF reported on Field Day progress and needs. We verified that he was planning to stay within budget. Dragonboat communication for was discussed for the races on June 24th.

WA6GFD reported that a SET was being planned in October.

Adjourned at 7:26

Reported by Bill, N0LNO

JUNE 2006 CVARC MEETING MINUTES

CVARC Meeting of June 8th, 2006 was called to order at 7:33 p.m. at the Kenwood United Methodist Church. 26 CVARC members were present.

The minutes of the last meeting were unanimously approved. Moved by N0XZL. Seconded by Ron, KC0OX.

The Treasurer reported that we had received notification of the filing of the changes to our Articles of Incorporation. The checking balance was reported as \$6,280.51

Public Relations reminded us to welcome visitors to our Field Day. Many local officials have been invited to Field Day. Show up, operate, learn, and have fun.

The Program Director reported that he needed a sub for July. Thank you, Jason AA0II.

Emergency Preparedness: Ron, KC0OX reported that we would be doing a net during the Fourth of July Fireworks. Look on 146.745 and 146.52. A simplex frequency will likely be used.

Darrel, WA0KHH, reported on upcoming exams. Vinton will have their next exam in September. Exams are set for Summerfest at 10 a.m.

Mike, KC0NXN reported that an ad for a TS-440S was received too late. (*Ed. Note: ad is in this issue.*)

Under old business, AA0II reported that a new PSK31 net on 30 meters will meet on Saturdays at 1500 UTC on 10.137 MHz.

Under new business, a poster containing items for sale was presented. A safety harness was to be given to KA0YSQ. Clocks for sale were displayed.

Mike, KC0NXN presented two informational flyers for Field Day. Bill, N0LNO moved and W0SS seconded that we make 50 each for Field Day. It passed unanimously.

Business meeting adjourned at 7:49

After refreshments, Phil, KC0OOF led a Field Day discussion. Bill, N0LNO recruited willing volunteers.

Submitted by Bill, N0LNO

ARES MAY 4th PLANNING COMMITTEE MEETING MINUTES

Attending: KC0OX, KD0HF, KF0VF, KC0ONY, KB9CEF, KB0KW, KC0PON, WA6GFD

1. The meeting minutes for the 6 April 2006 meeting were reviewed and approved.
1. The update of the pager codes was discussed and the list was updated. The codes are a repeat of the digit listed (i.e., 0000, 1111, etc). The following codes apply:
 - a) 0 Severe Weather/Radar Activation anticipated within 1 to 2 hours
 - b) 1 Need Radar
 - c) 2 Enroute to Radar
 - d) 3 Radar is up
 - e) 146745 Report in on the CVARC Repeater
2. The need to conduct a periodic pager test was discussed. The group agreed that a weekly test was probably too often and recommended the test be conducted monthly. KC0OX will discuss the recommendation with N0GUD.
3. The Training Requirements Matrix was discussed. The recommendations listed in the matrix are a result of discussions at both State and Local levels. The recommendations for the positions of District EC, EC,

and AEC are expected to become requirements established by the Iowa Section EC. The State EC meeting also established a training recommendation for the general Amateur population. A copy of the matrix is attached.

- a) The EC-001 course was discussed. It was felt this course contained a great deal of information concerning emergency communication operations. It was pointed out that the cost of this course (\$45 for ARRL Members) might deter some amateurs from taking this course. Several suggestions were made on how to overcome this in an effort to get the information out to the amateur radio population. A suggestion was made to create a course that would include much of the information from the EC-001 course presented as it might apply to local operations. The group wanted to make sure that conducting training in this manner would not conflict with ARRL copyrights or policies. A project was established to work to resolve the questions and begin creating an outline for the course.
 - b) A discussion was held of teaching the FEMA courses in a classroom situation for those who do not have access to the Internet or who would be more comfortable taking this in a classroom situation. The requirements for instructor accreditation were discussed. While there were four people selected to attend instructor certification training, it was felt their priority would be to train Emergency Response personnel in an effort to meet the FEMA mandated deadlines. It does not appear this will be an avenue for training in the near future.
4. A discussion was held on existing and future ARES Projects. The following projects are in progress:
- a) NIMS and ICS Training
 - b) EOC Station Completion
 - i. Get HF Operational
 - ii. Clear up interference to PA system
 - iii. Software to control radios and display weather alerts
 - iv. Headphones, microphones, etc
 - v. Add APRS capability
 - c) SET Exercise
5. A short discussion was held on the April 13 storms. The actual locations of the tornado(s) along County Home Road were not known until spotters reported the rotation. At that time, the sirens were sounded. KF0VF

showed some photos taken of some cloud formations and asked for inputs as to whether the group felt these formations should have been reported. It was difficult to look at 2D pictures and get a feel for the motion of the formation.

6. The meeting was adjourned at 2120 hours.

Submitted by Ron, KC0OX

From the President's Desk

Congratulations to all of those who participated in the Dragon Boat Races and Field Day this last weekend! Having two events on the same weekend often stretches our resources pretty short, especially when combined with vacations and other family events that pop up this time of year.

The Dragon Boat Communications Crew was in place and ready even before the event coordinators, quite a feat knowing how hard it is for some of us to get up that early on a Saturday morning <grin>. From all reports the communications support provided to that activity went well beyond what was required – A great job by Dennis and his team.

Field Day set-up went smoothly with everything ready to go and operators ready to hit the airwaves at 1PM Saturday. The day went smoothly until we had our “Field Day Round of Bad Weather” that caused operations to cease until the storms passed. It gave folks time to enjoy the fantastic cooking of Mrs. Pam Shook. A few had to cut the potluck short to man the weather net, once again showing our flexibility and ability to react to many different situations. While the field day totals are still being calculated, I know there were over 1100 contacts made between the phone and CW station! Great work.

Almost as amazing was the crew at tear down. With the threat of bad weather on the horizon, the tear down team took only an hour and a half from the time the operators stopped sending until the Field Day site was back in it original condition and everything (antennas, generators, cables and the tent) was packed up and ready to travel.

A special thanks to Phil, KC0OOF, for the hours he spend recruiting and coordinating all of the preparation for this last weekend.

We have an extra event coming up year. The American Legion has requested our assistance to help with a parade to be conducted in Marion during the month of July. More details will be forthcoming. This should be a short event and I encourage all those who haven't yet worked a public service event to participate. Also, don't forget Summerfest and the Big Pigman event in August. Look forward to seeing you all at the July meeting!

Steve, WA6GFD

From Communication Activity Director, Phil Shook

I just realized this it was already June 23, and hadn't even thought about this months BANDSPREAD article. The turnout for the Little Pigman Race was very good. I really want to thank the following Hams for helping out: KD8BFG, WA0ZZG, WA6GFD, KC0NXN, KC0ORM, KC0GWE, KD1AC, AND KD1AD, pictured below.

A quick summary, almost perfect weather conditions. We had just enough Hams to man all the positions on the course. We used 146.505 simplex as our comm. freq, and had very few problems. During the one medical emergency, KD1AD was with the ambulance. KC0GWE found a rider down at the information booth, and called net control. He let the rider talk directly to KD1AD. The ambulance was moving approximately 5 minutes after net control received the first call. The only other item was some very rude riders. They banged on KC0GWE's pick-up door and tail gate leaving smudge marks. These actions were called to attention of the Race Organizer. I want to thank all the Hams who helped. We could not have succeeded without you.



Matt, KD8NYN, Mike, KC0NXN, Brett, NC0VJI, Frank, KD1AC, Steve, WA6GFD, Sue, KD1AD, Jake, KD8BFQ, Phil, KC0OOF, Terry, KC0GWE, and Eric, KC0ORM.

Photo Courtesy of Dave, WA0ZZG

The debriefing was held at Happy Chef Restaurant, where we all enjoyed a great Brunch. Everybody was home, I hope, by about 2:00 P.M.

By the time you have received this issue, Field Day will be history, and the American Legion Parade in Marion on July 15th will be coming up fast. Coverage of Field Day and the Dragon Boat races are later in this issue. Your call sign can appear in the BANDSPREAD. All you need to do is volunteer your help.

Phil, KC0OOF

K-12 Corner

Because of space considerations, we aren't

running a full K-12 Corner this month. Please bring young family members and friends to the Summerfest. And now is the perfect time to help younger folks study for their first license.

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 kc0nxn@arrl.net, or 377-5929.

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

Join the CVARC and ARES E-mail reflectors

Did you know both CVARC and Linn County ARES have E-mail reflectors? If you are not already signed up, you are encouraged you to do so. By simply sending an E-mail to the address of the list, everyone subscribed to the list will get a copy forwarded to them.

The CVARC list is a great way to receive news about club events, and to discuss issues of general interest to club members. Need help with an antenna question? Want to exchange ideas on club activities? Need technical assistance? Just sending an E-mail to cvarc@rf.org will send your ideas or questions to all those club members on the list.

The purpose of the Linn County ARES list is slightly different, although it operates the same way. Sending an E-mail to ares@rf.org will forward your E-mail to everyone subscribed. This list is intended to distribute information related to Emergency Communications in Linn County. We encourage all Amateurs in Linn County (including non-CVARC

members) to subscribe to this list with both their home and work E-mail addresses. To limit distractions at work, we ask that submissions to this list be limited to news and events that relate directly to emergency communications needs in Linn County, or in support of adjacent counties.

To subscribe to the CVARC list, send an Email request to n0lno@rf.org. To subscribe to the ARES list, send your request with both your home and work E-mail address to kc0ox@arrl.net. If you would like to subscribe yourself, visit <http://www.rf.org/mailman/listinfo/cvarc> and <http://www.rf.org/mailman/listinfo/ares>. Please note that in order to prevent spam, only submissions from e-mail addresses already subscribed to the list will be automatically distributed.

If you have any questions, please let Bill or me know.

Ron, KC0OX. ARES District Emergency Coordinator – District 6 West, CVARC Emergency Preparedness Director

CVARC Makes a Splash at Dragon Boat Races

CVARC has completed another successful service project serving the Cedar River Dragon Boat Association at its 2006 races at Pleasant Creek State Recreation Area on June 24.

For those not familiar with the races, the communications volunteers staff three stations. The staging area assists in getting the right team into the right boat. Each race consists of two heats with identical boats made from the same molds racing first in one lane and then the other. The scoring sheets are pre-constructed as to which team should be in which boat and which lane for each heat. The main task is to call back to the scoring tent and ask for directions and guidance and to make second and third calls for a team of paddlers to show up.

The starting boat is approximately 500 meters from the scoring tent. The volunteer in the starting boat notifies the scoring tent when the starter is about to get the two boats into position. The starting boat provides an open mike for the start of the race, so that the backup timers can start their stopwatches. The primary timer is an electronic timer turned on by radio signal from the starter boat and stopped by removing a magnet tipped flag at the end of the course.

The timing tent volunteer provides an open speaker for the backup timers. Tactical call signs were used with simplex communications on 146.505. We had one each of many models of HT. Simplex communications with the Field Day site were available.

Ron worked some excellent magic with weather radar in his cell phone. All the rain went either north or south of the races.

A special thanks to Mike, KC0NXN and Leslie, KC9CDJ for spending two long shifts in the starter boat. Additional assistance was provided by Lawrence, KC0ODK, Dave, KB0KW, Bob, KC0ONY, Justin, KI0OB, Ron, KC0OX, Steve, WA6GFD, and Dennis, KC0PON. Sorry If I missed someone on the signup sheet.

Submitted by Dennis, KC0PON

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?

KC0NXN & KC0NXO

CLASSIFIED ADVERTISING

For Sale: HP 608C signal generator, 10-480 MHz, with manual. \$35.

Contact Gary NQ0V 377-9574 or nq0v@arrl.net

For Sale: Complete Ham station, including: Kenwood TS-440s HF Transceiver, SM-220 Sation 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 \$450.

Contact Jack Holmes, 319-446-6248, or 319-431-0534

40th annual Central States VHF Society conference
July 26th-28th, Bloomington, MN. Technical presentations, flea market, hospitality, and more.

<http://www.csvhfs.org/CSVHFS2006.html>

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 kc0nxn@arrl.net

All advertisements must be renewed monthly!



Tim, N00GG, Steve, WA6GFD, Matt, KD8NYN, Alan, WB0OAV, Jake, KD8BFQ, Bill, W00F, Lee, WT0D, Ron, K0QVF, Darrel, WA0KHH, and Dave, W0SS. Photo Courtesy of Dave, WA0ZZG

Field Day Gets Strong Publicity

Field Day and Dragon Boat Weekend has come and gone. CVARC, as a club, can be proud of what was accomplished.

This year, with the help of Jim Covington, AA0XJ, we once again were able to operate in a waterproof 20' x 30' tent. Jim also supplied his solar Station, and a 2 meter simplex repeater. A special thanks for his third shift help.

Thanks also to Mr. Rick Blackwell, Principal of Regis Middle School, who loaned us tables for all the radio equipment and the pot luck dinner. Kudos go to Dave Lucas, K0DPL. He did all the electrical including lights, GFI plugs, and cable from generator to tent. He made sure that all stations were properly grounded and even found time to fill gasoline cans. Another big thanks to Nick Brown, AB0WE, our assistant electrician.

A tip of the hat goes to Lee Johnson, WT0D, who loaded computers with a logging program that worked, and also manned the CW Station. His buddy, Dave Hallock, W0SS, gave help.

A special thanks to Vern (sledge hammer), KB0SK, and Daisy Stark (gloves), KF0EC, for supplying antennas and helping both days, including the tear-down Sunday. We cannot forget your President Steve (TV Star), WA6GFD. The beam antenna now has a rotor. He put in work and time planning antenna locations.

Dave, WA0ZZG, tirelessly gave information about Field Day to media outlets. He also sent invitations to local elected and municipal department heads to visit Field Day. The coverage from KWVL-TV was impressive, especially their 10:00pm news feature on Field Day. The Cedar Rapids

Gazette ran a picture and article featuring Alan Erickson, WB0OAV, and Darrell Peterson, WA0KHH, along with his son David, KC0ALC. KCRG-TV sent a young reporter with a TV camera that didn't work, which wasn't her fault. WA0ZZG assisted, but no luck.

I want to thank Bryan Infanger, KC0LVF, and Bruce Steele, KC0TKI, for coming in Saturday evening to help Darell, WA0KHH, man the phone station. Due to help from Ron Tonneson, K0QVF, we were able to have a full-fledged APRS Station in operation. Jason Hsu, AA0II, gets a gold star behind his name for providing the GOTA Station. It was operating digital, using PSK-31 and for part of the time Sunday morning, was powered by AA0XJ's solar panel (another 50 points).

A big "Thank You!" to Bob, KC0ONY, who again supplied our 2-meter station including transceiver, power supply, antenna and mast and tripod. Saving the best for almost the last, a huge thanks to Pam Shook, and Daisy Stark, KF0EC, who brought Nelson's Meat Market portable grill, and cooked hamburgers, hot dogs, bratwursts and tenderloins for the potluck Saturday evening.

I'd be in trouble if I didn't mention Rick's, N0XZL, help with tear-down. If I forgot anybody or anything important, I'm sorry. Lots of things were going on all at same time. I also need to thank all the people who helped at the Dragon Boat event at Pleasant Creek Park on Saturday, June 24th. Special thanks to Dennis (KC0PON) Sutherland for taking care of that event Also, welcome to Leslie (KC9CDJ) Balis, and thanks for the help. Don't feel bad about not knowing what to do, I was dragged, kidnapped, etc., into this job. I didn't know what I was doing, and still don't.

Submitted by Phil, KC0OOF

HELP NEEDED WITH SUMMERFEST – Cedar Valley Amateur Radio Hamfest

Location:

Teamster’s Hall
 5000 J St
 Cedar Rapids, IA

Date: August 6, 2006

Help Needed: All Locations

CVARC Members: Unless you are in the flea market or handicapped, please park as far away as possible. Save the close spots for the customers. You need to buy a ticket, too!

Parking Support: We have permission to park at many local businesses. We cannot park on grass. One businessman has requested that a parking spot be reserved at his door for himself. After the Hamfest, we need to police the parking lots to ensure that no trash has been left behind. We will reserve handicapped parking. We should have two people out to help direct parking between 6 and 12. The parking staff can sell tickets.

Ticket sales: In prior years at the Teamster’s Hall, we have sold tickets inside the front entryway. It may be beneficial to move this person outside. Two additional people are needed to sell tickets as people enter the parking lot to visit the flea.

Note that people only taking the exam do not need to buy a hamfest ticket. In past years, we have had two people at each ticket sales point. This year, let's try only one person at each sales point. We will set up a streamer to attempt to guide people to the ticket sales people.

Setup: At 2:00 pm Saturday, we receive the building. We need to set up the tables very quickly. Then we need to help vendors get the vehicles unloaded and moved. There is only one door. We need to move them through.

Kitchen: We will need help from 7:00am to 2:00pm in the kitchen. We will need the help with the following: setting up, taking orders, taking money & making change, getting orders ready, keeping tables cleaned off, miscellaneous tasks. If you can’t stand, we’ll find a stool to sit on. Please call Daisy at 227-7796.

Tear down: After the drawing, we need to help vendors load and move their things. We then need to stack the tables and chairs. The union cleans the hall.

Setup: Need 6 people at 2:00 pm Saturday, August 5th

Kitchen Area

Time	Person 1	Person 2	Person 3
6:00			
7:00			
8:00			
9:00			
10:00			
11:00			
12:00			

Parking Support

Time	Person 1	Person 2
6:00		
6:30		
7:00		
7:30		
8:00		
8:30		
9:00		
9:30		
10:00		
10:30		
11:00		
11:30		

Ticket Sales

Time	Person 1	Person 2	Person 3
6:00			
6:30			
7:00			
7:30			
8:00			
8:30			
9:00			
9:30			
10:00			
10:30			
11:00			
11:30			

Teardown: Need 6 people

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 Bandsread 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 Bandsread
- 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: _____

Bandsread: _____ Emergency Director: _____ Comm. Act. Director: _____