

WØGQ

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Since 1949

## BANDSPREAD



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

## CEDAR VALLEY AMATEUR RADIO CLUB

Thursday, May 11th, 2006

7:30 PM

Swati Dandekar, Representative for 36<sup>th</sup> District, Iowa House

On Education

*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](mailto:cvarcbrd@rf.org)

**Deadline for June issue is May 25th, 2006**

# **BANDSPREAD**

*The Voice of the Cedar Valley Amateur Radio Club*

## **Bandspread Staff**

|                         |                                  |                            |          |
|-------------------------|----------------------------------|----------------------------|----------|
| Publisher               | Cedar Valley ARC                 | e-mail or Business (PHONE) | HOME     |
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| Circulation Manager     | Al Groff, KØVM                   | køvm@arrl.net              | 393-8134 |
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## **Club Officers**

|                               |                       |                         |          |
|-------------------------------|-----------------------|-------------------------|----------|
| President                     | Steve Jones, WA6GFD   | wa6gfd@aol.com          | 377-2219 |
| Vice-President                | Lee Johnson, WTØD     | leeajohnson@mchsi.com   | 377-6249 |
| Trea\$urer                    | Daisy Stark, KFØEC    | vernstark@hotmail.com   |          |
| Secretary                     | Al Culbert, KØAL      | allan-culbert@uiowa.edu | 377-4367 |
| Information Director          | Dave Maley, WAØZZG    | waøzzg@arrl.net         |          |
| Membership/Promotion Director | Steve Sawyers, NAØIA  | steve@sawyers.org       |          |
| Program Director              | Bill Caldwell, NØLNO  | wccec@mcleodusa.net     |          |
| Emergency Preparedness Dir.   | Ron Breitwisch, KCØOX | kcøox@arrl.net          | 373-0095 |
| Communications Activity Dir.  | Phil Shook, KCØOOF    | shooye@msn.com          |          |

## **Club Appointments**

|                              |                         |                 |          |
|------------------------------|-------------------------|-----------------|----------|
| Station Trustee              | Al Groff, KØVM          | køvm@arrl.net   | 393-8134 |
| VE Manager                   | Darrel Peterson, WAØKHH | waøkhk@juno.com | 393-8667 |
| Club Historian               | Dave Foster, NØCYH      |                 | 377-8568 |
| Packet Committee             | Ron Breitwisch, KCØOX   | kcøox@arrl.net  | 373-0095 |
| Training/Education Committee |                         |                 |          |
| Hamfest Chairman             |                         |                 |          |

## **ARRL Appointments**

|                               |                      |                         |          |
|-------------------------------|----------------------|-------------------------|----------|
| Linn County Emer.Coordinator  | Scott Haney, NØGUD   |                         | 366-1465 |
| Ia Section Tech Coordinator   | Robert Mason, WØDIA  | Bloomfield, IA          |          |
| ARRL Midwest Assistant Dir.   | Al Culbert, KØAL     | allan-culbert@uiowa.edu | 377-4367 |
| Official Observer             |                      |                         |          |
| ARRL Midwest Division Dir     | Wade Walstrom, WØEJ  | wøej@arrl.org           |          |
| 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. 145.150-192.8PL) | 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         |
| 145.230 MHz (-600 KHz)             | Benton County ARES Net    | 6:30 p.m. Sundays         |
| 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 |
| 3713 KHz                           | Iowa Code Net (Slow CW)   | 7:00 p.m. Mon.—Fri.       |

## **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](mailto: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

## MAY PROGRAM

Swati Dandekar, Iowa House Representative for District 36 will be speaking on education.

Please come and welcome her to CVARC.

Note: If the Iowa Legislature has not adjourned by then, an alternate speaker has been arranged.

## APRIL 2006 CVARC BOARD MINUTES

The April 2006 CVARC Board of Directors meeting was held Thursday, April 13, 2006 at 6:35 PM in Linn Hall of Kirkwood Community College. The meeting was called to order by President WA6GFD. Others in attendance were; WA0ZZG, KC0OX, KF0EC, WT0D, K0AL, N0XZL, KC0OOF, N0LNO, and NA0IA.

N0XZL inquired if anyone could deliver SUMMERFEST flyers to the Des Moines hamfest on April 22 and the Starved Rock hamfest on June 4.

N0XZL reported that he will be having 700 tickets printed for Summerfest. He will be making a mailing using postcards. N0LNO is to assist N0XZL in preparing a manpower requirements list for Summerfest.

KF0EC reported a checking account balance of \$6,910.25.

On a motion by NA0IA and seconded by K0AL it was approved to make a \$220 donation to the Kenwood United Methodist Church in consideration for use of their basement for club meetings.

KC0OOF presented a list of coming Public Service Events. On a motion by KC0OOF and seconded by NA0IA, participation in these events by CVARC was approved.

The events and the dates are:

| DATE     | EVENT                  | LOCATION                  |
|----------|------------------------|---------------------------|
| 05/20/06 | Marion 5K Race         | Marion                    |
| 06/03/06 | Pigman Triathlon       | Pleasant Creek State Park |
| 06/24/06 | ARRL Field Day         | Regis Middle School       |
| 06/24/06 | Dragon Boat Races      | Pleasant Creek State Park |
| 07/15/06 | American Legion Parade | Marion                    |
| 08/18/06 | Pigman (long course)   | Pleasant Creek State Park |

| DATE     | EVENT            | LOCATION                                |
|----------|------------------|---|
| 10/07/06 | Alzheimer's Walk | Noelridge Park by Harding Middle School |

KC0OOF announced that he will be undergoing hip replacement surgery April 27 at St. Luke's Hospital and might not be at the May meeting.

KC0OX announced that he is preparing articles for inclusion in coming Bandsread issues regarding EMA participation and training requirements as now known.

K0AL announced that classes are on schedule and the VE session is scheduled for Monday, May 15 at 7:00 PM at the Isaac Newton Christian Academy.

Considerable discussion was held concerning repeated contacts by N0UUS concerning his grievances concerning election procedures and emergency preparedness by CVARC. The Board of Director's position is that it was requested at the February meeting that he (N0UUS) present his grievances with recommended solutions in written form to the Board. To date, such has not been received.

Meeting adjourned at 7:25 PM.

Submitted by K0AL, Secretary

## APRIL 2006 CVARC MEETING MINUTES

The April 2006 General Membership meeting was held Thursday, April 13, 2006 at 7:30 PM in Room 203A Linn Hall on the Kirkwood Community College campus. Meeting was called to order by President WA6GFD. All attendees introduced themselves with 24 members and guests present.

KC0ORM brought forward some typos contained in the amended January 2006 meeting minutes as included in the March minutes as printed in the Bandsread. On a motion by WA0ZZG and seconded by N0SS, the March minutes with typos noted were approved. (*Ed note: Please e-mail corrections or noted typos to kc0nxo@arrl.net*)

KF0EC reported a checking account balance of \$6,910.25.

N0LNO outlined coming program possibilities.

K0AL reminded all of the coming VE session scheduled for Monday, May 15, 2006 at 7:00 PM at the Isaac Newton Christian Academy.

KC0OOF listed coming Public Service opportunities. He also said that he is planning for a cook out supper on Friday, June 23 at Regis Middle School Field Day site.

The coming Public Service Opportunities are:

| DATE     | EVENT                  | LOCATION                                |
|----------|------------------------|---|
| 05/20/06 | Marion 5K Race         | Marion                                  |
| 06/03/06 | Pigman Triathlon       | Pleasant Creek State Park               |
| 06/24/06 | ARRL Field Day         | Regis Middle School                     |
| 06/24/06 | Dragon Boat Races      | Pleasant Creek State Park               |
| 07/15/06 | American Legion Parade | Marion                                  |
| 08/18/06 | Pigman (long course)   | Pleasant Creek State Park               |
| 10/07/06 | Alzheimer's Walk       | Noelridge Park by Harding Middle School |

NAOIA noted two coming VHF conferences. The first was an Aurora Conference in Minneapolis on April 29, the other being the Central States VHF conference on July 28 – 30.

At this point (approximately 7:45 PM) the storm sirens sounded and Kirkwood staff directed us to designated shelter locations.

Submitted by K0AL, Secretary

## ARES MARCH PLANNING COMMITTEE MEETING MINUTES

Attendees: KC0OX, KB9CEF, WA0AYO, KC0PON, KF0VF, KC0ONY, KD0HF, AD5QZ, WA6GFD

- February Minutes. The February Minutes were reviewed.
  - It was noted the callsign for James Meade, for the new HAMRAD Director of Johnson County should be NO0B
- Spotter Training. A discussion on the recent Spotter Training was held. The attendance numbers were:
  - Attendance morning session
    - 161 visually counted in basic session
    - 119 General Public
    - 42 Amateur Radio
  - Attendance afternoon session
    - 168 visually counted in the advanced session
    - 103 General Public
    - 63 Amateur Radio
  - Non-Ham Spotter Reports. A question was

asked about how and where non-Amateur Spotters should report any storm related information. One option is the 800 number given at the presentation. Use of this number would get the information to the Weather Service but would not get the information into EMA. KC0OX took an action item to discuss this with EMA.

- It was felt some mention was necessary of how important it is to have accurate reporting to prevent a false sounding of the warning sirens. It was felt spotters should be made aware of the cost of time and money to the community when people are directed to seek shelter.
- The group felt the training was good, very well presented and very helpful. In addition, it was felt the displays in the registration area provided a great deal of information to those attending the training.
- 26 February Sunday Night ARES Net was discussed. As the Net was opening, there was constant carrier on the repeater output frequency caused by a stuck PTT button (stuck mike). Per the Net Operating procedures, the NCS moved the Net to the alternate repeater, 145.15MHz. Most stations were able to quickly change to the alternate frequency. A few stations were unable to move as they did not have the capability to transmit the required CTCSS tone.
  - While stations were able to move to the backup repeater, not all stations were able to hold the repeater when transmitting. Those stations would begin transmitting and during their transmission the repeater would drop. It appeared the stations with the higher than average deviation were having the most difficulty holding the repeater. In addition, periodically, conversations being held on the 146.745 MHz repeater are heard through the 145.15 MHz repeater. This has occurred with numerous users on numerous occasions. It was unknown if this could have possibly contributed to stations being unable to hold the repeater. It was noted the two repeater systems share a common receiver site, with both receivers being fed from a common antenna via a multicoupler. After couple of possible causes were discussed, it was suggested that some additional testing would be required to try to determine the exact cause of these problems.
- It was also mentioned that CVARC is establishing a committee to look at the club sponsored repeaters and to determine what additions or enhancements to the repeater might be desirable or additional work/replacement actions that might also be required.

The committee is being chaired by Steve Sawyers, NA0IA. It was suggested that any ideas for changes etc on the repeater system be addressed to this committee for consideration and possible inclusion in an overall plan.

- A short report on ARES packet operational testing was given. KD0HF and WA6GFD have been conducting some operational tests on 145.05 MHz. Currently, they are re-familiarizing themselves with packet operations and to explore ways to be able to send “canned” messages that might be used during an emergency situation. Tests have been conducted from EMA to each of their stations and also the ability to digipeat from one station to the other. They invited any interested amateur to participate.
- WA6GFD distributed a copy of the SET exercise he and KB9CEF have been planning. The objectives of the exercise are to establish a Net with at least 3 stations deployed to sites in the Cedar Rapids area, simulating a shelter location. Once the stations arrive at their designated locations, they will be asked to pass two practice messages back to the NCS (located at the EOC). One of the two messages will be a text message, the other will consist of some alpha-numeric combinations designed to test the ability to send information accurately. At some point during the exercise, operations will move off of the repeater to a simplex channel to test the capability to maintain communications via a simplex frequency. The members were asked to review the objectives and to provide any comments they might have. The date of the SET exercise was left open.
- KC0OX indicated he would be attending the State EC Meeting on 4 March. There will be several presentations on NIMS compliance, a look at the compliance guide and what training should be suggested/required for ARES/Amateur Radio volunteers. It is hoped that a set of standardized training requirements will be generated as a result of this meeting. In addition, hopefully there will be some information provided on how State Level Officials feel they might use Amateur Radio in a large scale event. KC0OX will provide and update at the next ARES meeting.
- The Go Kit presentation presented at the CVARC meeting was also discussed. It was felt the presentation was well done and provide a good over view of what should or might be included in an individual kit. While the actual contents of the kit may vary depending on personal preferences and needs, the presentation and the information printed in the Bandspread give a pretty good idea of the kinds of things that should be in the kit. It was noted the generation of a go kit/list is part of the requirements of the EC-001 course offered by the ARRL.
- The Severe Weather Net Standard Operating Procedure was passed to each attendee. Each person was asked to review this document and to bring any recommended corrections and changes to the next ARES meeting. The goal is to get the procedure updated before the start of the severe weather season.
- OPEN AGENDA ITEMS:
  - RADAR TEST. With the severe weather season approaching it was suggested that a test of the Radar ATV system be conducted. After a short discussion, it was decided to conduct the test in conjunction with the 19 March ARES Net. The test will be announced at the CVARC meeting as well as on the Sunday night nets prior to the 19<sup>th</sup>. The ATV system will be on the air prior to and if necessary for a period of time after the net to allow alignment of antennas and receiving systems.
  - List of Training Accomplished. KC0OX is tracking the courses and specialized training that has been completed by local Amateur Radio Operators. He asked for those present to review what he had in the database already and to update the information with any additional courses that have been completed. Courses include those offered on the FEMA Training Site as well as those conducted by the ARRL.
  - KF0VF reported the Malcom Repeater is down, possibility for good. It appears they lost access to the repeater site.
  - KF0VF also mentioned the Dubuque 147.24 repeater now requires a 114.8 Hz CTCSS tone. It was noted this tone is assigned to repeaters operating in Central Iowa and that there is currently a repeater in Ames running the same frequency and CTCSS tone.
- Open Action Items were reviewed:
  - Simplex Test To/From the EOC. It was suggested this test be conducted in a manner similar to the previous Simplex test. A station’s location, power, elevation, etc will be collected in order to determine the operation effectiveness.
  - Witch Watch Letter. KC0OX will update and submit the Witch Watch Letter later in the year, closer to Halloween.
  - HF Problems at the EOC. A short discussion was held on the problems that have been experienced when trying to operate the HF Radio in the EOC. Now that the weather is improving, a request for assistance was made to try to determine how and why the HF transmitter is getting into the PA system. This

may require a look at the HF dipole at the same time. AD5QZ volunteered to assist with this effort.

- New Action Items. The following new action items were added to the list:
  - KC0OX to talk to EMA about Non-Amateur Spotter Report routing
  - WA6GFD will operate the Radar for the 19<sup>th</sup> March Test
  - KD0HF will check with Collins personnel to determine the status of the radar and associated equipment.
  - KC0OX will announce the radar test on the Sunday ARES Net.

Submitted by Ron, KC0OX

### **From the President's Desk:**

I want to thank all of those who braved the weather to attend April's meeting at Kirkwood and also thank all of you for cooperating in making the orderly move to the shelters. Hopefully, we can find another date to hold the program scheduled for that night.

Once again Mother Nature showed us who was in charge. While Cedar Rapids escaped the brunt of the storm this time, we may not be as lucky the next time. Hopefully each of us has a plan of where we will go when the siren's sound and will have made some preparations ahead of time, so your shelter is stocked with flashlights, some creature comfort items as well as a radio (and a WX radio as well). The plan and some simple preparation can make a big difference in the outcome.

I want to commend the Iowa City Amateurs for the way they handled the emergency situation that Thursday night. They had an orderly and well organized Net and while they only called in a few amateurs to provide communications for the shelters as they were being established, they also started to line up volunteers to provide manning for a much longer period if required. The other area amateurs are to be commended as well, as they kept the frequency clear and listened to what was required before transmitting. Hopefully, through the practice provided by our Sunday Night and other Nets, we will be as prepared to respond to an emergency as they were.

I would like to report also that Phil, KC0OOF has had the first of two hip replacement surgeries on Thursday 27 April. The surgery went well and Phil made such good progress, they sent him home on Friday! He is doing well and will be listening on the repeater as he continues to recover.

I want to remind everyone of the upcoming

communications event on 20 May in Marion. This is a short 5K event in support of the Marion Art Festival. This is a very good chance to check out batteries and antennas that you might use in an emergency or field day. See you all there!

### **From Communication Activity Director, Phil Shook**

*Ed. note: Phil Shook, KC0OOF, is recovering from surgery. Please look in this space next month for his regular column.*

### **CVARC VE Test Session in May**

The Cedar Valley ARC is sponsoring a VE test session which will be held on Monday, May 15, 2006 in the Staff Lounge, Isaac Newton Christian Academy, 1635 Linmar Drive NE, Cedar Rapids. Registration will open at 6:30 PM, testing will begin at 7:00 PM

Applicants will need to present the following items:

- 1) PhotoID
- 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!

Some of you may have wondered about the requirement for producing both the original and a photocopy of licenses and CSCEs. ARRL VEC national policy requires each VE team to both verify the authenticity of each document by examining the original, and to attach photocopies of all supporting documentation to each applicant's paperwork package prior to submittal.

If you have any questions, please contact Darrel Peterson, at 319-393-8667 or by email at [wa0khh@arrl.net](mailto:wa0khh@arrl.net) .

### **K-12 Corner**

We're approaching summer now, when school activities slow down and students look forward to a long summer of unscheduled and unsupervised time.

A lot of us will be traveling over the next few months. On our travels, keep an eye out for ham radio.

You might find it in some unusual places.

For example, some science museums have working ham radio stations. Sometimes you will find these staffed by volunteers from the local amateur radio club. Sometimes you will find them run by regular museum people. I can think of several that you might see over the next few months.

The Science Center of Iowa, in Des Moines, has a ham station, W0SCI. You may hear some Morse code on your next visit -- drop by and say hello. Several large museums have stations as well. The Museum of Science and Industry in Tampa, FL has a ham station. They advise calling ahead if you'd like to see it. Info

### Corrections

The ARES minutes in the April Bandsread were the February meeting minutes. The minutes in this May issue are the March, 2006 meeting minutes.

### Questions About Newsletter?

Please let us know if there are any errors or omissions that we can correct. Is there something that you think you can contribute? Please send errors and corrections to [kc0nxxn@arrl.net](mailto:kc0nxxn@arrl.net). Thanks.

KC0NXN & KC0NXO

### Next month in Bandsread

- A basic tip sheet for members, and to hand out at the GOTA during Field Day.

### Thank you

Thank you for the flowers that you sent for Elizabeth's mother's funeral. We had been fighting (and winning) a battle with cancer. The night of the April Club meeting, we found out that the cancer had spread to her lungs. She passed away on April 25.

Thank you,  
Elizabeth, Christopher, and Bill Caldwell

at <http://chipdoc.com/MOSI/about.html>. And at the Smithsonian's Museum of American History you'll find NN3SI. More information is at <http://americanhistory.si.edu/events/programdetail.cfm?newkey=48>

If you run across other museums with ham stations, please let us know!

And finally, don't forget that summer is a great time for a youngster to set a goal of studying for and passing a radio exam...

73,KC0NXN and KC0NXO

Pre-Dayton swap-fest, free to all amateurs,  
in the Collins 35th street Main Plant parking lot.  
8:30 to 10:30, 13 May 2006

WANTED: 220 MHz radios. Midland, Clegg,  
Kenwood or ICOM. John Sevcik,  
[K0LYP@arrl.net](mailto:K0LYP@arrl.net).

For Sale:

- Icom-551 6 meter 10 watt SSB/CW 12vdc/110vac \$200
- Icom-271A 2meter 25 watt Multimode SSB/CW/FM 12vdc \$300
- Icom-471A 70cm 25 watt Multimode SSB/CW/FM 12 vdc \$300
- Mirage C3012 220 Mhz amp, 30W in, 120w out 12 vdc \$100
- Mirage D1010 440 Mhz amp, 10W in, 120w out 12 vdc \$100

Pictures and specs of transceivers available at  
<http://www.rigpix.com/> AL, K0VM 393-8134

### 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 [kc0nxxn@arrl.net](mailto:kc0nxxn@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](http://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) \_\_\_\_\_ ARRL Member? Yes( ) No( )

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

EMAIL ADDRESS \_\_\_\_\_

Are you interested in participating in Public Service Events? 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:** \_\_\_\_\_

