

Central Ohio Amateur Radio Emergency Service
Bulletin



EC NOTES
Kal Dworkin, KA8RLC
ARRL EC—Franklin County



As we start a new year it is always nice to reflect on a successful previous one. 2008 was again a good year for our group. We were able to provide communications support for all of the organizations in Central Ohio who requested our help. We were involved in 38 planned events and one emergency call out (Hurricane Ike). Participation in our weekly Wednesday night nets and attendance at the monthly in person meetings has been good, but there is always room for improvement. The nets and meeting are our best opportunity to inform everyone of upcoming events and give us a chance to volunteer to help.

Our next in-person meeting is scheduled for Wednesday January 21, and we will recognize members for their activity during the last year. I encourage everyone to attend.

The annual awards and recognition night is a time when we acknowledge the accomplishments of members. It is always a fun meeting that holds a few surprises, recognizes the hard work of our volunteers and lets us laugh at some of our own antics. The meeting is on the third Wednesday of the month, January 21st at 7:30 pm. The location is the Franklin County Emergency Management and Homeland Security office at 5300 Strawberry Farms Blvd. Thanks for a great 2008 and I'm looking forward to the new things we can accomplish in 2009.

73, Kal, KA8RLC

**NET CONTROL OPERATORS
NEEDED!!!**
Jeff, N8HFP

**CALLING ALL COARES NET CONTROL
OPERATORS!!!**
**CALLING ALL COARES NET CONTROL
OPERATORS!!!**

Net Control Operators will be needed for the upcoming Wednesday Night Nets, for the months of March and April, 2009. If you are interested in signing up to be Net Control for any of the open dates listed below, I will send you a prepared script, and all necessary log sheets.

The Wednesday Night Nets are a good way of "easing" into the task of being a Net Control Operator. They are a low-pressure situation, with a relaxed pace. Everyone is encouraged to try their hand at Net Control, as any of us could be called upon to run a net, in case of an emergency.

Currently, the net schedule for February through April looks like this:

- February 4, 2009 W8AJW - Adam Westlund
- February 11, 2009 K8QX - Mike Day
- February 25, 2009 KC8UMV - Brent Sheffer

- March 4, 2009 NEED NET CONTROL OPERATOR
- March 11, 2009 NEED NET CONTROL OPERATOR
- March 25, 2009 NEED NET CONTROL OPERATOR

- April 1, 2009 NEED NET CONTROL OPERATOR

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Emergency Coordinator

Kal Dworkin, KA8RLC
973 Venetian Way
Gahanna, Ohio 43230
614-855-2607
ka8rlc@columbus.rr.com

Calling Tree Leaders January - June

Group 1	Bruce Goll, KB8TRI	793-0164
Group 2	Larry Learn, AA8JY	791-0606
Group 3	Jim Clark, KC8TJX	595-3636
Group 4	Andy Elliott, K8LE	864-2922

Calling Tree Leaders July - December

Group 1	Wayne Walls, KA8CEJ	431-9352
Group 2	Jim Sage, WB8TWM	864-5011
Group 3	Skip Howell, KC8HIN	471-2684
Group 4	Jerry Finnegan, KC5WLA	507-2788

Alternates

Mark Griggs, KB8YMN	272-8266
Josh Gould, KC8EQA	326-9839
Chris Stevens, KC8PFD	327-6514
Doug Bell, N8HSU	937-323-2192

ARRL Membership

If you aren't an ARRL member or haven't been a member during the past two years, join the ARRL and a portion of your membership will benefit COARES. To join, send your \$39 (check payable to Central Ohio ARES) and forms to K8QX. Our club will get \$15 if we recruit a new ARRL member or bring back one who has let his/her membership lapse more than two years. Your membership includes a subscription to QST Magazine.

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Ohio Section Update

Joe Phillips, K8QOE
Ohio Section Manager



OHIO SECTION NEWS FOR Jan. '09

by Ohio Affiliated Clubs
Coordinator Joanne
Solak, KJ3O

GREETINGS OF THE SEASON! FROM THE OHIO SECTION.

As I write this Ohio Section News it is still December and Christmas is just a few days away. That is how it goes, we write the Section news in the month prior to the month due, (if you know what I am trying to say)? Anyway, things around the Section are moving along quite well considering the really cold weather and all the activities scheduled.

The Ohio Section had a very full year 2008 and it looks as if the year 2009 is proceeding along those same lines. My calendar for January has quite a few messages on the dates already. There will be a lot of changes coming in the Section also. So keep watch for those.

As we start the New Year, remember to pay your

Assistant Emergency Coordinators

Events Manager: Josh Stevens, KB8YQS
614-571-9393 e-mail: kb8yqs@gmail.com

Net Manager: Jeff Gould, N8HFP
614-837-6171 e-mail: n8hfp@arrl.net

Training Manager: Kim Day, KC8RXL
614-946-1976 e-mail: kday002@insight.rr.com

Financial Manager: Mike Day, K8QX
614-439-6911 e-mail: k8qx@arrl.net

Engineering Manager: Duane Hall, AB8QU
614-898-7661 e-mail: duane@dhco.com

Public Information Officer: Brent Sheffer, KC8UMV
614-818-9324 e-mail: kc8umv@arrl.net

Digital Communications Project Manager: Shawn Roberts, KB8DYR 614-861-1613 e-mail: kb8dyr@arrl.net

Membership Manager: Hugh Czerwonky, K8UB
614-890-7000 email: HughOhio@aol.com

Bulletin Editor: Andy Elliott, K8LE
614-864-2922 e-mail: aelliott7@sbcglobal.net

Ohio Section Emergency Coordinator

John W. Sovik, KB8WPZ
1925 Countryside Dr.
Youngstown, OH 44515
kb8wpz@arrl.net

District Emergency Coordinator

Steven Katz, N8WL
221 E. Elm Street
Granville, OH 43023
740-587-1122 (home)

**Central Ohio Amateur Radio
Emergency Services, Inc.
is a 501 (c)(3) non-profit
organization.**

Club Membership Dues. If you have Club Officer elections, remember to file the ANNUAL REPORT FORM. Yes, I am going to remind you of this over and over again this year as usual. It is very important that your Club Secretary file the form as early as possible so that ARRL Headquarters has your Club updates and other information on file in case your club needs to be contacted for any reason.

Do you have VE Exams scheduled for 2009? If so contact Bob Johnson, K3RC who compiles and edits the Amateur Radio Exams in Ohio. You can get all his contact information in the latest Ohio Section Journal.

Remember I, as the Ohio Section Affiliated Clubs Coordinator (ACC) provide support services to your Club. If you ever need to contact me at anytime, my information is on the back page of the Ohio Section Journal. Any of the Ohio Section Cabinet members information is there for your convenience.

The FCC is asking Clubs to provide information about the DTV conversion in your area. Let our Section Manager, Joe Phillips, K8QOE, know if your Club is willing to help during the month of January and February 2009. Remember "Hams" should not make house calls, sell any equipment, or install any equipment, just offer the information about the conversion. Contact Joe if your Club wishes to participate.

Joyce Judy, KD8HB, will retire the first of January as Net Manager of the CW Traffic Net.

The COARES Bulletin

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Publishing Schedule

The Bulletin is published the second week of each month. All items for the bulletin must be submitted by the end of the first week of each month.

Repeaters

Primary: K8DDG/R
147.060 +.600
444.800 +5.00
94.8 Hz CTCSS

Secondary: AA8EY/R

147.090 +.600
94.8 Hz CTCSS

UHF: WB8INY/R

444.275 +5.00
94.8 Hz CTCSS

Nets & Meetings

The COARES net meets Wednesday evenings at 8:00pm local time on the 147.06+ repeater, except for the third Wednesday of each month which is reserved for our General Meeting, held at the office of Franklin County Emergency Management and Homeland Security.

The ARRL has just introduced a new Membership Benefit. With just a click or two of a mouse, ARRL members can now access the online QST magazine archive. This new benefit provides PDF copies of all QST articles from December 1915 through December 2004, enabling members to view and print their favorite article, project and more.

I wish to THANK all the many Club Newsletter Editors that have continued to send me their Club Newsletters. Please continue to do so. I read them all. Spotlight Club of the Month is still alive and well. If you wish to have your Club in the Spotlight, send me the club information (when founded, by whom, how many members, your objectives, etc) by the 10th of the month. And I will get it in the Ohio Section News. Remember to support your local Clubs. You do not have to be a member of any particular club to support it. Go to the meetings, go to events sponsored by the Clubs and enjoy Amateur Radio, it is a FUN Hobby. Make up your amateur radio plans early in the year. Check out the many Ohio Section Hamfests, Club events, Contests etc. sponsored by Ohio Section Clubs and plan to attend or volunteer your assistance, you will be glad you did.

Well, that's it for this month. I hope you are enjoying a very Happy Holiday Season. Happy New Year and remember, sometime, somewhere, when you least expect it, I will be seeing you.

VERY BEST 73

Joanne Solak, KJ3O, ACC Ohio Section

Our Mission: To provide emergency communications to central Ohio public safety, emergency, health, government and relief agencies in times of disaster. To keep our skills sharp, we provide communication support for many public service events.

Special Thanks to our Contributors!

Thanks to all of the following who contributed to this edition of the COARES Bulletin. It is their participation that makes the Bulletin possible!

Kal Dworkin, KA8RLC
 Kim Day, KC8RXL
 Jeff Gould, N8HFP
 Hugh Czerwonky, K8UB

**Net Control Operators Needed!
 (continued from page 1)**

April 8, 2009 NEED NET CONTROL OPERATOR
 April 22, 2009 NEED NET CONTROL OPERATOR
 April 29, 2009 NEED NET CONTROL OPERATOR

If you would like to sign up for any of the open weeks, please call me at (614) 837-6171, or send an e-mail message to: n8hfp@msn.com

Next Meeting

**7:30 pm, Wednesday,
 January 21, 2008**

Annual Awards and Recognition Meeting!

Franklin County Emergency Management and Homeland Security

5300 Strawberry Farms Blvd
 Columbus, OH 43230

We need your input for the next Bulletin!!

- Station construction, construction projects
- Operating accessories
- Computer hints, software aids
- Product reviews
- Dxing
- Contesting
- Antennas
- Digital modes
- Software defined radio
- Your idea!

Please consider putting an article together today!

COARES

COARES

Net	Day	Time (local)	Frequency
Amateur Radio Club at Ohio State University	Sunday	8:00 pm	442.6(+) (114.8PL)
Central Ohio ARES	Wednesday	8:00 pm	147.060 (+) (94.8 PL)
Central Ohio Traffic Net	Daily	7:15 pm	147.240 (+)
Central Ohio Severe Weather Net	Tuesday (Mar ~ Oct)	7:30 pm	146.760 (-) (123.0 PL)
Delaware County Net	Monday	8:00 pm	145.170 (-)
Hocking Valley ARC Net	Wednesday	9:00 pm	147.345 (+)
Lancaster / Fairfield County ARC Net	Monday	9:00 pm	147.030 (+)
Madison County "Get Together" Net	Tuesday	8:00 pm	147.285 (+)
Newark ARA Net	Tuesday	9:00 pm	146.880 (-)
Southwest Columbus Ham Radio Club Net (Echolink connected)	Friday	8:00 pm	145.23 (-)

**COARES NET CONTROL & EVENT COORDINATOR
TRAINING CLASS
SATURDAY, MARCH 21st, 2009
Jeff, N8HFP**

**ATTENTION ALL FUTURE NET
CONTROL OPERATORS
AND EVENT COORDINATORS!!!!**

This notice will serve as an invitation to all COARES volunteers who are interested in learning more about Net Control and Event Coordination. We will be conducting a training class which will cover the basics of Net Control procedures, as well as Event Coordination procedures. It will also include some new material which will be used to simulate actual Net Control traffic, based on several of our events from 2008.

The class will be conducted at the following date and time:



SATURDAY, MARCH 21st, 2009, from 9:00 AM – 1:00 PM.

FRANKLIN COUNTY OFFICE OF EMERGENCY MANAGEMENT & HOMELAND SECURITY

5300 STRAWBERRY FARMS BOULEVARD

The class will review basic Net Control theory and operations as they apply to Non-Directed Nets, Directed Nets, Event Operations Nets, and also Emergency Tactical Communications Nets. We will also discuss specific practices which are used locally for the COARES Net operations.

The Event Coordinator training will cover the basis of working with Event Directors, Race Directors, and other Event Organizers, to provide communications support for their activities. We will discuss the particulars about working with volunteers, determining their assignments, and event logistics. The information will cover what to do from initial request for assistance, through the planning and operations phases, and concluding with the reporting procedures for record-keeping purposes.

If you would like sign up for this class, please send me an e-mail message containing your name, callsign, e-mail address, and phone number. You may send it to me at the following address: n8hfp@msn.com

You can also leave a voice mail message with the same information, at my home phone number: [614-837-6171](tel:614-837-6171).

**Make your own "roll-up" J-Pole Antenna
Be prepared for any situation!
Andy Elliott, K8LE—Bulletin Editor**

Emergency situations often present challenges to operating when your only antenna is a rubber duck. For example, you may need to deploy to a location where hitting the COARES repeater is difficult due to distance, terrain, or by the need to operate from indoors. It is even possible that you might find yourself operating from a hospital and find that the rooftop antenna has become damaged or otherwise unusable.

In such situations, a "roll-up" J-Pole antenna can be a real life-saver! These antennas can be tacked up on a wall, or taped to a window, or hoisted into a tree with a length of twine! A J-Pole antenna can be made from a length of 300 ohm TV twinlead, and fed with 50 ohm coax. The website www.dxzone.com/cgi-bin/dir/jump2.cgi?ID=9295 has complete instructions and diagrams for making a roll-up J-Pole that will provide excellent service on both 2 Meters and 70 cm. The antenna can be constructed in less than half an hour.

Why not build one and put it in your Go Kit, and be really prepared for the next emergency? And don't forget to try it out first by checking into a Wednesday night net with it. Be sure and let the net control operator know you are using a "roll-up" J-Pole!

Contest Calendar

Jan. 11: DARC 10 Meter Contest

Jan. 17: LZ Open Contest, International United Teenager Contest, UK DX RTTY Contest, HA DX Contest, North American QSO Party, ARRL January VHF Sweepstakes

Jan. 22: NAQCC Monthly Straight Key Sprint

Jan. 23: CQ WW 160 Meter Contest

Jan 24: YLISSB QSO Party, REF French Contest, BARTG RTTY Sprint, Winter Field Day, UBA Contest

Jan 25: Classic Exchange

Jan 31: WAB Top Band Phone Contest

See WA7BWM website for complete list: www.hornucopia.com/contestcal/contestcal.html

**TECHNICIAN CLASS
GET YOUR LICENSE IN A WEEKEND!!!**

WHEN: Class: January 17, 2009 8am-5pm Test: January 18, 2009 1pm

WHERE: Franklin County EMA

BOOK: Gordon West's Technician Class

INSTRUCTORS: Kim Day, KC8RXL and Adam Westlund W8AJW

Pre-Registration is preferred by contacting Kim Day 614-946-1976 or kday002@insight.rr.com. Students should come prepared to class with a book and read the book in advance so that we can cover the more difficult concepts thoroughly. We'll break for lunch on your own. Vending machines available on site.

**Franklin County Emergency Management &
Homeland Security
5300 Strawberry Farms Blvd.
Columbus, OH 43230**

Editors note: This month we begin a series which is intended to better acquaint our members with our served agencies. To start us off, we feature Franklin County Emergency Management & Homeland Security. We are closely aligned with this agency, whose facility we are fortunate to call "home" for our monthly in-person meetings.

Mission:

The Franklin County Emergency Management & Homeland Security Office coordinates countywide emergency and disaster planning, education, warning, response and recovery to minimize the adverse impact on area residents and property.

History:

The Franklin County Emergency Management & Homeland Security Office officially began operation in 1952 as the Columbus and Franklin County Civil Defense Organization (CFCCDO). The agency's responsibilities and duties were the result of an informal group organized in 1950 by Columbus Mayor James A Rhodes. Mayor Rhodes established a group of volunteers to assist in warning citizens of expected air raids by enemy aircraft. The volunteers would also assist fire and police departments in rescue operations. The first president of the CFCCDO was local attorney Fred Stanton.

In 1953, a nationwide organization was formed to promote Civil Defense, a concept and plan that had become popular due to increasing tensions with foreign countries.

It was during the early years that Civil Defense organizations had large outdoor sirens installed to be used as the primary method of warning citizens of enemy air raids. Franklin County was among the first in the country to have an effective operating siren system. It was also during this time that the Emergency Broadcast System was expanded to be used as an additional means to warn citizens. Then, as now, CFCCDO was responsible for both methods of warning.

During the 1960's, all local and national Civil Defense organizations placed a high priority on public and personal fallout shelters. In Franklin County, the CFCCDO took an active role in identifying public fallout shelter sites and stocking those shelters with supplies.

By the late 1960's, the "perception" about Civil Defense was beginning to change. Less emphasis was placed on enemy air raids and more attention was being placed on how the civil defense network could respond to natural disasters such as tornados, winter storms and floods.

In early 1972, the United States and the Union of Soviet Socialist Republics (USSR) signed the Strategic Arms Limitation Pact (SALT) and the Antiballistic Missile (ABM) treaty. This caused a further "de-emphasis" of the original Civil Defense idea.

Responding to changes in 1974, officials of Columbus and Franklin County developed and signed an agreement that changed the direction and responsibilities of the old CFCCDO and also changed the name of the organization to the Columbus and Franklin County Disaster Services Agency (CFCD SA).

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The agency's responsibilities were shifted to support a network of volunteers, amateur radio operators and professional planners to establish and maintain programs that would allow local communities to be prepared for disasters and allow local fire and police departments to better respond to those emergencies.

The agency also reorganized the old siren warning system. The system was changed to warn citizens of tornado sightings instead of enemy air raids.

In 1987, the agency continued to change and grow. New attention was placed on hazardous chemical incidents and the preparation and training involved in responding to those incidents. The agency began developing countywide emergency plans for disasters. These plans would help response agencies plan and better understand their roles should a major incident or disaster occur. As a direct result the agency's name was again changed in early 1988 to the Emergency Management Agency for Franklin County. The new name was more representative of the agency's overall mission and responsibility at that time.

The agency continues to grow and take on more responsibilities in the area of Homeland Security, thus changing its name again in 2005 to Franklin County Emergency Management and Homeland Security office.

While there is still importance placed on the preparation for nuclear attack, the priorities have shifted to more plausible disaster situations and ones that will have an immediate effect on the population, terrorism.

The agency has continued to expand on this training. We have established programs with all the local hospitals and are constantly updating the training for local first responders.

Today the agency is a 24 hour 7 days a week response agency. There are employees that rotate primary response on a weekly basis. The agency responds to weather watches and warnings, hazardous materials spills, aircraft accidents, and any other incident in the county that may require our assistance.

Staff:

The agency's staff consists of eight full-time employees: Director, Deputy Director, Planning Manager, Training/Grants Manager, Warning Manager, Operations Manager, Finance Manager and Administrative Assistant.

The Director is Mr. Mike Pannell, whose biography and picture were featured in the October 2008 Bulletin.

A Reminder

Always check the COARES primary repeater (147.060 MHz) whenever a situation arises that might result in an emergency activation of COARES. This includes, but is not limited to, tornado, flood, blizzard, hazardous materials spill, terrorist attack, fires, search and rescue (missing person), aircraft/mass casualty, setting up emergency shelters, or declared state of emergency,

Area Hamfests

Mansfield Mid-Winter Hamfest & Computer Show

sponsored by the InterCity Amateur Radio Club

<http://www.w8we.org>

Sunday, Feb. 15, 2009

Doors open at 7:00 am

Talk-In: 146.940 (PL 71.9)

Mansfield, OH

Richland County Fairgrounds

750 North Home Road

Contact: Dean Wrasse, KB8MG

1094 Beal Road

Mansfield, OH 44905

Phone: 419-589-2415

Email: metal07man@yahoo.com

S.C.A.R.F. Sunday Creek Amateur Radio Federation 13th Annual Hamfest

<http://www.scarfarc.com>

Sunday, Jan. 18, 2009

8:00 am to 2:00 pm

Tri-County Career Center

Nelsonville, OH

VE Tests at 12:00 noon

Contact: Curtis Duncan, (740)

593-5949 OR Les Westfall at

n8trk@yahoo.com

Ham Radio License Exams

18-Jan-2009 **Sponsor:** **CENTRAL OH ARES** **Time:** 1:00 PM (Walk-ins allowed) **Contact:** SCOTT A RYAN (614) 451-0113 **Email:** AB8KN@COLUMBUS.RR.COM **VEC:** ARRL/VEC **Location:** FRANKLIN COUNTY EMA 5300 STRAWBERRY FARMS BLVD PRE-REG ENCOURAGED!! WWW.COARES.ORG/EMAFCDMP.PDF COLUMBUS, OH 43230

02-Feb-2009 **Sponsor:** FAYETTE ARA **Time:** 5:00 PM (Walk-ins allowed) **Contact:** JAMES E SCOTT (740)335-3874 **Email:** N8ORJ@ARRL.NET **VEC:** Laurel VEC **Location:** CARNEGIE PUBLIC LIBRARY 127 S NORTH ST WASHINGTON COURT HOUSE, OH 43160

Note: this is a Laurel VEC session and thus there will be no charge for the exams. The Laurel VEC is one of the 14 VEC established by the FCC to give amateur radio exams. It is the only VEC that does not collect a fee for its exams. In addition, coordination between Laurel and the FCC has allowed the results to be posted and approved by the FCC within 24 hours of the session.

Strays



Hugh, K8UB at net control working with the Columbus Fire Stadium Dispatch during the last football game of the year. Hugh says it was cold even at net control!

K8UB Photo

Knowing when a battery is being run down is a good idea, so Hendricks QRP Kits (www.qrpkits.com) has created the Tayloe Battery Status Indicator (BSI) kit. It monitors the battery voltage of a battery pack or battery and can be mounted on the battery or inside a radio by drilling two holes. A bi-color LED changes color at different voltages based on your settings of two voltage setpoint control. You could also put this to work monitoring a power supply.

Here's another entry in the ongoing contest to fit absolutely anything into an USB adapter. Charles KB8WSG found this USB tuner (www.trendygadget.com/2007/06/12/portable-hdtv-receiver/) that turns a PC into an HDTV. He suggests that this might be a great solution for portable or emergency communications (emcomm) use and I agree!

From the ARRL Contest Update, Dec. 24, 2008, American Radio Relay League

ARRL Continuing Education Course Registration remains open through Sunday, January 25, 2009, for these online course sessions beginning on Friday, February 6, 2009: Amateur Radio Emergency Communications Level 1 and Technician License Course; among others.

To learn more, visit the CCE Course Listing page <http://www.arrl.org/cep/student> or contact the Continuing Education Program Coordinator cep@arrl.org.

From the ARRL Letter, Dec. 24, 2008, American Radio Relay League

COARES ACTIVITIES

January				
01-07-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Jeff Gould, N8HFP
01-14-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Bill Welch, K3ZAA
01-21-09	In-person COARES meeting	7:30 pm	Franklin Co. EM & Homeland Security	Kal Dworkin, KA8RLC
01-28-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Paul Flautt, KB8CMW
February				
02-04-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Adam Westlund, W8AJW
02-11-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Mike Day, K8QX
02-18-09	In-person COARES meeting	7:30 pm	Franklin Co. EM & Homeland Security	Kal Dworkin, KA8RLC
02-25-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Brent Sheffer, KC8UMV

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 973 Venetian Way
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