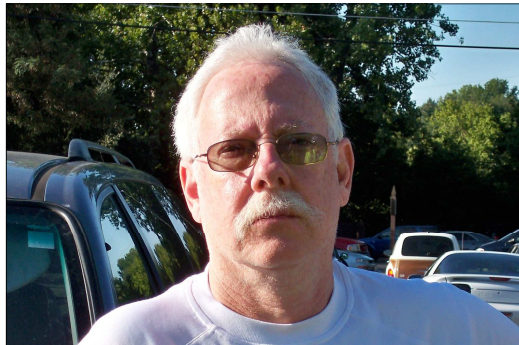


Central Ohio Amateur Radio Emergency Service  
**Bulletin**



**EC NOTES**  
**Kal Dworkin, KA8RLC**  
**ARRL EC—Franklin County**



**November 2009**

Once again our busy fall is starting to wind down. The running of the Nationwide Better Health Marathon is over and once again we did our usual excellent job of support for the event. OSU football has just one home game left with Iowa (be sure to let Jeff, N8HFP, know if you can help) and then there is an away game with that team from up north.

If you have not done so already, please be sure to send me your annual survey form. If for some reason you have lost your copy, please email me and I will send you another one. It is very important that each and everyone respond, so that we can update our roster. Our updated roster is used to enable EMA and other agencies know who our members are in case of emergency call outs.

Be sure to check the events schedule to see what we have left for the rest of the year.

Our next in person meeting is Wednesday November 18, 2009 at Franklin County Emergency Management and Homeland Security. Hope to see you there.

Also to plan ahead, our annual Holiday party will be held Saturday December 12<sup>th</sup> at Plank's Café (743 Parsons Ave) starting at 6:00 P.M. This is always a fun evening and we hope to see everyone there.

73,  
Kal, KA8RLC

**Kroger Community Rewards  
Program Benefits COARES!**

If you have a Kroger Plus Card, you can send a donation to Central Ohio ARES every time you make a purchase and use your Plus Card! All you have to do is register on the Kroger website, [www.kroger.com/mykroger/016/community/Pages/com](http://www.kroger.com/mykroger/016/community/Pages/com)



If you are already registered with Kroger, enter your email address and your password. Otherwise, follow the steps listed under "New Customer?" Select your preferred store after entering your zip code. Enter your email address and select a password. Indicate your communications preferences, enter your Kroger Plus Card number and your contact information. When asked for the name of the organization, enter "Central Ohio Amateur Radio Emergency Service, Inc".

[The Battery Tool Kit Web page by John AE5X \(w5usj.com/batterytoolkit.html\)](http://www.kroger.com/mykroger/016/community/Pages/com) has gotten another update and now includes projects such as a Battery Booster, a Battery Voltage Monitor for 6 V & 12 V, Battery Chargers based on the QRPme.com PTO kit, and a Self-Powered 12V Battery Desulfator.

*(From The ARRL Contest Update for Sept. 16, 2009)*

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<i>2009 CROP Walk.....</i>	<i>P4</i>
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## Emergency Coordinator

Kal Dworkin, KA8RLC  
973 Venetian Way  
Gahanna, Ohio 43230  
614-855-2607  
[ka8rlc@columbus.rr.com](mailto:ka8rlc@columbus.rr.com)

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### Calling Tree Leaders January - June

Group 1	Bruce Goll, KB8TRI	793-0164
Group 2	Larry Learn, AA8JY	791-0607
Group 3	Jim Clark, KC8TJX	595-3636
Group 4	Kevin O'Harra, KD8IIB	871-2000

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### Calling Tree Leaders July - December

Group 1	Wayne Walls, KA8CEJ	431-9352
Group 2	Jim Sage, WB8TWM	864-5011
Group 3	Josh Gould, KC8EQA	326-9839
Group 4	Jerry Finnegan, KC5WLA	507-2788

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### Alternates

Mark Griggs, KB8YMN	272-8266
Chris Stevens, KC8PFD	327-6514
Doug Bell, N8HSU	937-323-2192

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**Central Ohio Amateur Radio  
Emergency Services, Inc.  
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Contributions are tax deductible.**

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## Ohio Section Update

*Frank Piper, K18GW*  
Ohio Section Manager

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**OHIO SECTION NEWS for November '09.** October sure is a busy month BUT I can see that November is just as busy with all the Fall Festivals, Parades, Apple Butter events and so on down the line. November also signals the start of the Holiday Season. This brings lots of Club Christmas Parties. If you are going to invite an ARRL Official, a member of the Ohio Section Cabinet, do it ASAP because our calendars get filled up quickly during this time of year. Many Fall festival planners have enlisted the help of amateur radio operators to help with communications services. I am glad to report that many Ohio Section ARES groups have earned the reputation of providing reliable and skilled communications services.

School is back in session and since it is darker in the early morning when lots of students are waiting for the bus, sometimes it is hard to see them standing along the street roadway so drive safely.

The Ohio Section Conference in September is where the 2009 Ohio Section Newsletter award winners are announced. The First place winner went to NOARS LOG, a publication of the Northern Ohio Amateur Radio Society. The Second place winner went to ZERO BEAT, a publication of the Alliance ARC. And The Third place winner is The LOG SHEET a publication of the Butler County VHF Association. CONGRATULATIONS TO ALL!

At the Ohio Section Conference the 16th recipient of the Allan Severson, AB8P, Award was announced. This year's award went to Joe Phillips, K8QOE (SK). Joe's wife, Donna,

---

## Assistant Emergency Coordinators

**Events Manager:** Josh Stevens, KB8YQS  
614-571-9393 e-mail: [kb8yqs@gmail.com](mailto:kb8yqs@gmail.com)

**Net Manager:** Jeff Gould, N8HFP  
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**Training Manager:** Kim Day, KC8RXL  
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**Financial Manager:** Mike Day, K8QX  
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**Engineering Manager:**

**Public Information Officer:** Brent Sheffer, KC8UMV  
614-818-9324 e-mail: [kc8umv@arrl.net](mailto:kc8umv@arrl.net)

**Membership Manager:** Hugh Czerwonky, K8UB  
614-890-7000 email: [HughOhio@aol.com](mailto:HughOhio@aol.com)

**Bulletin Editor:** Andy Elliott, K8LE  
614-864-2922 e-mail: [aelliott7@sbcglobal.net](mailto:aelliott7@sbcglobal.net)

---

## Ohio Section Emergency Coordinator

John W. Sovik, KB8WPZ  
1925 Countryside Dr.  
Youngstown, OH 44515  
[kb8wpz@arrl.net](mailto:kb8wpz@arrl.net)

## District Emergency Coordinator

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

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received the special plaque for Joe. No one, in my opinion, deserved this award more than Joe.

REMEMBER --- Scott Yonally, N8SY, is the one in charge of the ARRLOhio.org website. This is a new position for the Ohio Section, but Scott is not new to the Ohio Section Cabinet. Scott was previously the Public Information Coordinator for Ohio.

The ARRL has recently reported on the Commercialization of Amateur Radio, the rules, the risks, and the issues. All amateurs should read Weavers Words 10-3-09 as well as Weavers Words 10-22-09, concerning FCC Part 97.113 regarding drills. Both of these are equally informative and most important.

Did you get involved with the ARRL On Line Auction October 22nd?

Did you know that Ohio has over 6000 ARRL Members in the Ohio Section making it the largest in the U.S. This is the result of sound leadership over many years. The Ohio Section Cabinet is very proud of this fact.

Mount Vernon Amateur Radio Club had scheduled Red Cross First Aid Training Course to the members attending the October meeting. This club enjoys participating in FOX HUNTS. We all know what fun these events are to attend. The Club participated in the SET this year also. I just cannot mention the Mt Vernon Club without mentioning Don Russell, W8PEN, and his antenna projects.

The Milford ARC remains active with all sorts of activities which includes their VE Sessions and Fall activities being scheduled.

The Greater Cincinnati ARA reports their Hamfest was a great event! The members of this club are now busy with VE license exams, hidden TXhunts, and other club activities. They plan a club meeting theme of Portable Operations.

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## The COARES Bulletin

Official Journal of the Central Ohio Amateur Radio Emergency Service, published monthly at Columbus, Ohio.

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To view a color version of the Bulletin, visit our website at: [www.coares.org](http://www.coares.org)

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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.

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### 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

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### 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.

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The Central Ohio Amateur Radio Emergency Service remains busy with the many Public Service events which provides a lot of practice for the "real" disaster. This group volunteered to provide communications to the 2009 Nationwide Better Health Columbus Marathon & 1/2 Marathon.

The Delaware Amateur Radio Association members hold a give-away night at the October meeting. This is done each year and is also known as the Boat Anchor Exchange. A lot of "good stuff" changes hands and a good time is had by all attending this event. They are in the midst of planning their Holiday Party as many clubs are this time of year. Their ARES group will be providing communications for the Veterans Day Parade. Many of the group helped with the All Horse Parade making this event successful.

The Portage Amateur Radio Club members have been active with Public Service Events, Repeater updates, updating the Club website, and even planning the 2010 Portage Hamfair. The next club event will be the annual Christmas Party.

OH-KY-IN members are busy with the Amateur Extra, Technician class and General Class classes. Some of the members plan on doing some contesting in the near future. There is always something going on with this group

Well, I think that's it for this month. Keep those Newsletters coming. I read each and every one of them. If you would like your Club activities mentioned in the monthly Ohio Section News, let me know. Please remember to file your Annual Report form. Keep your club information current.

AND, just remember, sometime, somewhere, when you least expect it, I will be seeing YOU!  
Until then,

Best 73,  
Joanne Solak, KJ3O, ACC Ohio Section

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***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.***

**Next Meeting**  
**7:30 pm, Wednesday,**  
**November 18, 2009**  
 Franklin County Emergency  
 Management and Homeland Security  
  
 5300 Strawberry Farms Blvd  
 Columbus, OH 43230

**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, fire, search and rescue (missing person), aircraft/mass casualty, setting up emergency shelters, or declared state of emergency.*

**COARES Holiday Party**  
**Saturday, December 12**  
**6 pm til ?**

This year we again will be meeting in the downstairs "back room" area, and ordering from the menu. Bring your spouse and family to celebrate with us.

**Plank's Café and Pizzeria**  
**743 Parsons Avenue**



LOCAL NETS

Net	Day	Time (local)	Frequency
Amateur Radio Club at Ohio State University	Sunday	8:00 pm	442.6(+) (114.8PL)
CRES ARC Sunday Night Net	Sunday	9—10 pm	146.67(-) (131.8 PL)
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 (-)

LOCAL NETS

## **2009 CROP Walk Marty Huffman, N8SEY**

First, congratulations to Gayle KD8KWG who did a great job on her first event as shadow for the First Aid and Registration tents.

The CROP walk was a beautiful loop around the river between the Santa Maria and the Confluence Restaurant, then back to the start at COSI. In many places we could cover only with bikes, since motor vehicles are not allowed on the path. This helped in the area where there is also fence and woods between the road and some of the path. With a good forecast the night before, and lots of bike mobiles and other helpers scheduled, we thought we were set. On Sunday morning there were medical problems with three bicycle riders and a fourth Ham. Fortunately, we had an abundance of Hams respond to our call, and there was plenty of coverage. Especially, when Mike DYK and Bryan KCG volunteered at the last minute. With enough Hams available, both the walk and our communications went very well. 759 Walkers participated at the downtown location alone; plus, there were three smaller walks that did not request our services. The CROP office said that they were happy with the 1,100 total turnout; and sent a very sincere "Thanks" to all of the Hams who helped to make this such a smooth and enjoyable walk.. This is about the 30<sup>th</sup> year we have helped with the CROP Walk.

Stations working were KB8CKM, KD8DYK, KD8IIB [NCS], KD8KCG, KD8KWG, K8OVP, KC8PBD, N8RFZ, KC8TJX and K8UB. Marty N8SEY coordinated but was also sick Sunday. My cousin Josh Biondi helped also.

We were very lucky to get an e-mail copy of the downtown page from the new Franklin County Atlas - soon to be published. It is so detailed it shows the walking paths. It is great for us! My son Craig, who teaches HS art, helped me make the map itself. Thanks to the Cartographer at the Franklin County Engineer's office.

**Walkers prepare to leave**



**Hostess Ali welcomes walkers back**



**30th ANNUAL NATIONWIDE BETTER HEALTH  
COLUMBUS MARATHON, OCTOBER 18, 2009  
JEFF GOULD, N8HFP**

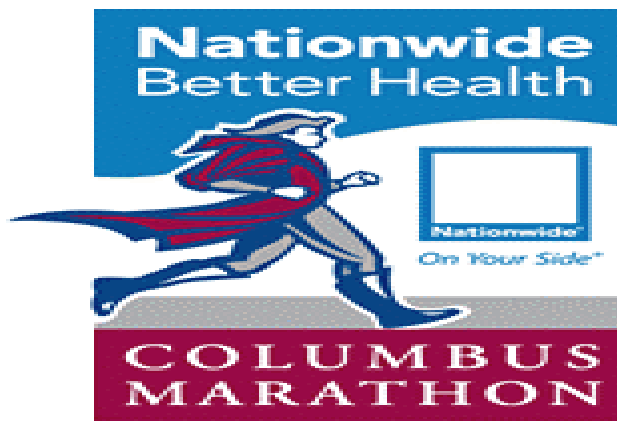
The morning dawned with cool temperatures, clear skies, and the promise of a beautiful day ahead for the more than 15,000 participants in the 30th Nationwide Better Health Columbus Marathon. Such was the start of the festivities which captivated the City of Columbus, and the OSU Campus, Upper Arlington, Grandview, Bexley, Olde Town East, and German Village areas in Central Ohio.

This year presented the volunteers of COARES with the challenge of providing coverage for the most participants ever in this annual event. Since this was the 30th Anniversary, the Marathon officials elected to increase the registration limits by 50% over last year's total. This increase was made even more intriguing by virtue of the fact the same course layout from last year was used, including the one-mile overlap section on East Broad Street.

Aside from that, the only other course-related change involved shifting the start and finish line locations by 50 meters from last year. This of course affected the actual locations of the mile marks by 50 meters. This change was cause for concern for the COARES volunteers, when they were trying to locate their assignments. Needless to say, it created quite a bit of confusion.

We employed the same communications plan as before, with 4 total nets in progress for the event, Check-In Net, Admin Net, Medical Net, and Drop-out Net, utilizing 4 separate repeaters. I wish to thank CORC for the use of the 444.200+ repeater (Medical Net). The original plan involved the use of the CCRA 145.43- repeater for the Drop-Out Net, but due to several problems in accessing the system from the Massage Therapy area at the finish line, we ultimately moved the net to the COARES 147.09+ repeater. Initially, this created some confusion, as there were still people using it to check-in. I thank everyone for their flexibility in accomplishing that transition.

Another operational change for this year involved the Red Cross First Aid Service Team communications. The change involved not having any amateur radio operators in their vehicles. Instead, they employed the support of the Communications Team from the Emergency Services Department. They utilized some of their own 800 MHz trunked radios, along with their own volunteers who provided their dispatching function, along with a Liaison volunteer at the Medical area in Nationwide Arena. This also allowed for coordination with Columbus Fire Department Dispatcher, for Medic unit responses.



In addition to the previously mentioned problem with the start/finish location shifts, there were 2 other issues which became evident during the event.

Very early into the event it was apparent that the course arrangement, although modified somewhat from last year, was still as problematic as before. By the time the runners were outbound on East Broad Street, the wheelchairs were on their return trip westbound on Broad Street, and the runners were spread from curb to curb. Suffice it to say, there was a huge potential for interference problems, and collisions. The runners were able to avoid any impacts, and we escaped unscathed.

*(Continued on page 6)*

*(Continued from page 5)*

The other area of conflict actually occurred at the Finish Line. Although the finish line was moved closer to Front Street and Nationwide Boulevard, at the east end of Nationwide Arena, the Medical Triage/Treatment Area was located at the west end of the Arena. This required the medical volunteer staff to traverse an even longer stretch along the finish line chute, in order to transport anyone back to be treated for medical problems.

The end result was that we were very successful once again in providing our excellent coverage and support for the event, in spite of being reduced in volunteer staff levels from last year. All of this coverage was accomplished with a total of 64 extremely dedicated COARES volunteers. This is down from last year's total of around 82 people. It illustrates our dedication to providing solid, professional, and highly effective communications capabilities.

To that end, I would like to say THANK YOU!! THANK YOU!! to all of the following volunteers: N8ADO, Bob; WA8ADU, Dave; KD8BOU, Chris; KA8BQO, Art; KA8CEJ, Wayne; NL7CF, Fred; KB8CKM, Judy; KB8CMW, Paul; W3CRZ, Bob; KA8CTE, Vince; KB8DEO, Stu; KC8DJM, Gary; AA8DN, Rich; KD8DYK, Mike; KB8DYR, Shawn; KB8EMH, Smith; WA8EVP, Don; KC8EVR, Lester; KD8GFX, Matt; N8GKQ, Dave; KI8GW, Frank; N4HAI, Tom; K8HTC, Larry; KD8IIB, Kevin; WB8INY, John; W8IYE, Wally; KD8JNW, Gary; W8JTC, John; AA8JY, Larry; KD8KCG, Brian; KC8KHL, Mark; KC8KHS, Dan; KD8KWG, Gayle; K8LE, Andy; KD8LLM, Trevor; KD8MCA, Ronny; KC8OFO, Dave; K8OVP, Frank; KC8PBD, Chris; KA8PCP, Tim; KC8PFD, Christina; KC8PJS, Kevin; N8QKX, Gary; K8QX, Mike; KA8RLC, Kal; N8RNA, Rex; N8RRB, Tony; W8RWR, Bob; KC8RXL, Kim; N8SCU, Kris; KC8TJX, Jim; KB8TQX, Greg; KB8TRI, Bruce; WV8U, Gerry; K8UB, Hugh; KC8UMV, Brent; N8UTI, Ed; KC8VWQ, Marci; N8XPB, Rose; KB8YMN, Mark; KB8YQS, Josh; K3ZAA, Bill; and KG8ZY, Ralph.

### **Ham Radio Operators Assist in Catalina Island Rescue**

Around 9:45 on the night of October 23, while attending an overnight event at the Boy Scouts' Camp Emerald Bay on Santa Catalina Island, Karl Tso, KI6PCW, and his wife, Deborah Ava, KJ6CRZ, of Topanga, California, decided to climb a hill to check out the view -- and to see if they could get into the repeater on the island with their handheld transceivers. As they climbed the hill, the two radio amateurs heard a sound; Tso turned his high-powered flashlight on the source, only to discover a man who had fallen 48 feet to the rocks below, bleeding and severely injured.

According to Los Angeles County Disaster Communications Service (LADCS) Recruiting Officer Norm Goodkin, K6YXH, Tso and Ava were on Catalina for an overnight Cub Scout event. While on the 26 mile boat ride to the island, the couple turned on their radios and got on the local repeater; a fellow ham passed them the frequency of the repeater on Catalina Island and they programmed it into their radios. "Just the weekend prior, both Karl and Deborah attended one of our classes and in that class, we showed them how to program frequencies in their radio. They are members of the Topanga Disaster Radio Team (DRT), part of the Topanga Coalition for Emergency Preparedness (T-CEP)," Goodkin told the ARRL.

That evening on their walk up the hill, they discovered Peter Koll, 61, had fallen, crashing down to the rocks below. At the accident scene, Tso and Ava got on their radios and quickly made contact with Scott Bastian, KD6QZX, of Fullerton, who called emergency services. Joyce Wood, KD6HYO, of Costa Mesa, stood by in case further assistance was required. Koll was evacuated by Bay Watch and airlifted to St Mary's Hospital in Long Beach. According to the LA County Sherriff's office, his current condition is unknown.

"It was a surreal experience that Deborah and I will never forget," Tso told the ARRL. "We were horrified, yet very happy that we were there for the gentleman that was injured. At the same time, we strangely felt empowered, knowing that the ham radio system works. As we hoped, the ham community is for the most part made up of people who want to be helpful to others in times of need. Deborah and I are new to the ham community, but we would encourage others to become involved."

*(From The ARRL Letter for Nov. 5, 2009)*

## Our Served Agencies: Citizen Corps

*Editor's note: This is part of a series which is intended to better acquaint our members with our served agencies. The following information is from the Citizen Corps website:*

### **About Citizen Corps**

Following the tragic events that occurred on September 11, 2001, state and local government officials have increased opportunities for citizens to become an integral part of protecting the homeland and supporting the local first responders. Officials agree that the formula for ensuring a more secure and safer homeland consists of preparedness, training, and citizen involvement in supporting first responders. In January 2002, the President of the United States launched Citizen Corps, to capture the spirit of service that emerged throughout our communities following the terrorist attacks.

Citizen Corps was created to help coordinate volunteer activities that will make our communities safer, stronger, and better prepared to respond to any emergency situation. It provides opportunities for people to participate in a range of measures to make their families, their homes, and their communities safer from the threats of crime, terrorism, and disasters of all kinds.


Citizen Corps programs build on the successful efforts that are in place in many communities around the country to prevent crime and respond to emergencies. Programs that started through local innovation are the foundation for Citizen Corps and this national approach to citizen participation in community safety.


Citizen Corps is coordinated nationally by the Department of Homeland Security's Federal Emergency Management Agency. In this capacity, FEMA works closely with other federal entities, state and local governments, first responders and emergency managers, the volunteer community, and the Corporation for National & Community Service.


### **Citizen Corps Councils**

The Citizen Corps mission is accomplished through a national network of state, local, and tribal Citizen Corps Councils. These Councils build on community strengths to implement the Citizen Corps preparedness programs and carry out a local strategy to involve their community.

Everyone can do something to help make our families and our communities safer through:

 **Personal responsibility:** Developing a household preparedness plan and disaster supplies kits, observing home health and safety practices, implementing disaster mitigation measures, and participating in crime prevention and reporting.

 **Training:** Taking classes in emergency preparedness, response capabilities, first aid, CPR, fire suppression, and search and rescue procedures.

 **Volunteer service:** Engaging individuals in volunteer activities that support first responders, disaster relief groups, and community safety organizations. Everyone can do something to support local law enforcement, fire, emergency medical services, community public health efforts, and the four stages of emergency management: prevention, mitigation, response and recovery efforts.

*(Continued on page 8)*

(Continued from page 7)

### **Citizen Corps Mission**

The mission of Citizen Corps is to harness the power of every individual through education, training, and volunteer service to make communities safer, stronger, and better prepared to respond to the threats of terrorism, crime, public health issues, and disasters of all kinds.

### **Are You Ready?**

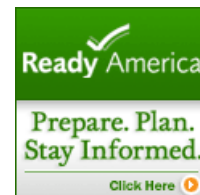
Following the tragic events of September 11, 2001 and the recurring reminders of the powerful force of natural phenomenon, we become reminded of our vulnerabilities, more appreciative of our freedoms, and more understanding that we have a personal responsibility for the safety of our families, our neighbors and our nation.

But we also know that we can take action now to help protect our families, help reduce the impact an emergency has on our lives, and help deal with the chaos if an incident does occur. To take the first step towards preparedness, you can download English and Spanish preparedness guides or order them for free by calling the FEMA Distribution Center on 1-800-480-2520. And it's important to check with your local Citizen Corps Council or Office of Emergency Management to learn about local hazards and local emergency plans.



The FEMA publication *Are You Ready? A Guide For Citizen Preparedness*, is a 200-page comprehensive guide that walks the reader through a step-by-step approach to getting informed about local emergency plans, how to identify hazards that effect their local area, and how to develop and maintain an emergency communications plan and disaster supplies kit. Other topics covered include evacuation, emergency public shelters, animals in disaster, and information specific to people with disabilities. *Are You Ready?* also provides in-depth information on specific hazards including what to do before, during, and after each hazard type.

In addition, the Department of Homeland Security has developed a website, [www.ready.gov](http://www.ready.gov), to help you prepare for the potential threats we now face as we enter this new era of potential warfare and terrorism here at home.



We also encourage you to get involved in helping others be safer -- when you help your neighbor, you help your nation. Share what you learn with others -- and participate in Citizen Corps in your area. If you don't have a Citizen Corps Council in your area, contact your state Citizen Corps representative and work with your local officials to get one started.

Here are some other things you can do right now to be safer!

- Check and change the batteries in your smoke alarms and replace all alarms that are more than 10 years old.
- Make sure you know where your local fire department, police station, and hospital are and post a list of emergency phone numbers posted near all the telephones in your home.
- Organize and practice a family fire drill -- make sure your children know what your smoke detector sounds like and what to do if it goes off when they are sleeping.
- Locate the utility mains for your home and be sure you know how to turn them off manually: gas, electricity, and water.
- Create an emergency plan for your household, including your pets. Decide where your family will meet if a disaster does happen: 1) right outside your home in case of a sudden emergency, like a fire and 2) outside your neighborhood in case you can't return home -- ask an out of town friend to be your "family contact" to relay messages.
- Prepare a 3-day disaster supply kit, complete with flashlights, batteries, blankets, and an emergency supply of water and food (and pet food!).

(Continued on page 9)

*(Continued from page 8)*

- Plan to hold a Neighborhood Watch meeting -- your local Sheriffs' office or police station can help you get started or visit [www.usaonwatch.org](http://www.usaonwatch.org) for more information.
- Check the expiration dates of all over-the-counter medications -- discard all that are expired and replace any that are routinely needed.
- Make sure all cleaning products and dangerous objects are out of children's reach.
- Plan to sign up for a first aid training course. Call your local American Red Cross chapter, the National Safety Council or American Safety & Health Institute to ask about courses in your area ([www.redcross.org](http://www.redcross.org), [www.nsc.org](http://www.nsc.org) or [www.ashinstitute.org](http://www.ashinstitute.org)).
- Visit with your neighbors and discuss how you would handle a disaster in your area. Talk to neighbors with special needs and help them become safer too!



### **George E. Smith, AA2EJ, Wins Nobel Prize**

Around 5:30 on the morning of October 6, George E. Smith, AA2EJ, of Barnegat, New Jersey, got a phone call that changed his life: He had just found out he had won the Nobel Prize in Physics for 2009 "for the invention of an imaging semiconductor circuit -- the CCD sensor." Smith will share the prize money with two other recipients: Charles K. Kao, of Standard Telecommunication Laboratories in the United Kingdom and Chinese University of Hong Kong, and Willard S. Boyle, of Bell Laboratories. Each recipient will receive a diploma, a medal and a document confirming their share of SEK 10 million (about \$1.4 million); Kao will receive 50 percent, while Smith and Boyle will each receive 25 percent of the monetary award.

"My wife Janet, AA2EI, and I sailed around the world for 17 years," Smith told the ARRL. "While we were on our boat, we used Amateur Radio, especially in the South Pacific. Janet was the principal radio operator. With our radio, we could keep track of other boats in the area. Over in the Southwest Pacific, there are shore stations there that provide weather forecasts every day on the ham radio. We would listen for these, as it was such a tremendous help for us as sailors."

When asked by the ARRL how he felt about winning the Nobel Prize, he exclaimed, "I feel great! Even though there's a lot of nonsense to go through with it, it's worth it and winning it does wonders for your ego. Aside from the initial shock and having to go through piles of mail, e-mail and returning telephone calls, I know that will calm down. As for the long-range future, I'm getting many invitations to give talks. Next year, I've been invited to speak at a major conference in Seoul, South Korea, another in Portland Oregon and another in Switzerland. I've been invited to France to give a talk, China, too. We need to sit down with a calendar and figure it all out. Having a Nobel makes a big dent in your lifestyle." Smith told the ARRL that he knew the CCD was under consideration for the Nobel Prize, "but we didn't know exactly if, or when, it would happen. Research that wins the Nobel is often done many years beforehand. In my case, this was 40 year old research. The Prize Committee wants to make sure the research has stood the test of time.

"Amateur Radio has always attracted individuals who want to understand and exploit nature's laws," fellow Nobel Laureate Joe Taylor, K1JT, told the ARRL. "These are essential characteristics for first-rate scientists, as well. The 2009 Nobel Prize in Physics honors the invention of an imaging semiconductor circuit -- the CCD sensor used in digital cameras, the Hubble Space Telescope and many other scientific and consumer devices. It was no great surprise to learn that one of the Laureates, George Smith, is also a radio amateur." Taylor was awarded the Nobel Prize in Physics in 1993 "for the discovery of a new type of pulsar, a discovery that has opened up new possibilities for the study of gravitation."

*(From the ARRL Letter for November 5, 2009)*

# COARES ACTIVITIES

November				
11-04-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Kevin O'Harra, KD8IIB
11-07-09	Chilly Bones 5K Classic	10:00 am	Upper Arlington	Josh Stevens, KB8YQS
11-11-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Gayle Adams, KD8KWG
11-14-09	OSU Football—Iowa	3:30 pm	Ohio Stadium	Jeff Gould, N8HFP
11-18-09	In-person COARES meeting	7:30 pm	Franklin Co. EM & Homeland Security	Kal Dworkin, KA8RLC
11-25-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	John Fick, KD8EEK
11-26-09	Upper Arlington Turkey Trot	9:00 am	Upper Arlington	Paul Flautt, KB8CMW
December				
12-02-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Paul Linkous, III, N8PHL
12-05-09	Jingle Bell Run		Columbus Convention Center	Paul Flautt, KB8CMW
12-09-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Eric Ressler, KD8LHZ
12-12-09	COARES Holiday Party	6:00 pm	Planks Café, 743 Parsons Ave.	
12-13-09	Dublin Snowflake 5K	9:00 am	Dublin Community Recreation Center	Josh Gould, KC8EQA
12-23-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Gayle Adams, KD8KWG
12-30-09	Wednesday Night Net	8:00 pm	147.060(+) (94.8 Hz PL)	Bruce Lerner, KC8VEB

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