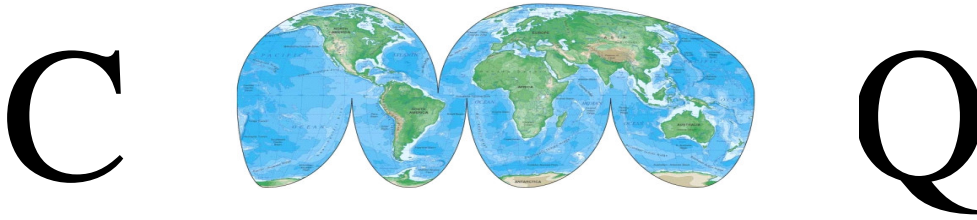


# MOUNT VERNON AMATEUR RADIO CLUB



August 2007 Newsletter

MEETINGS SECOND MONDAY OF THE MONTH AT THE RED CROSS ANNEX BUILDING,  
300 N MULBERRY ST, MT. VERNON, OHIO  
REPEATER FREQUENCIES: 146.790 (-) K8EEN /R 444.750 (+) KC8YED /R 53.790 (-) WA8YRS/R  
\*\*\*SUNDAY NIGHT ARES NET AT 8:00 P.M. ON THE K8EEN REPEATER OPEN TO ALL\*\*\*

## 2007 ARRL Great Lakes Division Convention

*"Ham Radio Alive and Well in  
Northern Ohio"*

Something special is taking place late September. For the first time (so they say) the American Radio Relay League (ARRL) will be holding their Great Lakes Division Convention (GLD) on September 22nd in Independence, Ohio.

The GLD Convention is usually held every two years in different cities, so this year it is in the Cleveland area (the day before the **Cleveland Hamfest**). So, what goes on at a convention? Sponsors, many informative Seminars, Hospitality Room, Award presentations, Dinner Banquet with a guest speaker, Prizes, Special Ceremonial of "*The Royal Order of the Wouff Hong*" and a great time with plenty of camaraderie with other hams.

It all starts Friday evening (September 21st) at the Sheraton Independence Hotel with early registration and a Hospitality Room provided by the Cuyahoga Amateur Radio Society (CARS), Lake Erie Amateur Radio Association (LEARA) and the Northern Ohio DX Association (NODXA). On Saturday morning there will be continued registration, sponsor tables, and the hospitality room

will open at 9:00 a.m. The hospitality room will host card checking and free refreshments both Friday evening and Saturday morning.

Opening ceremonies begin at 11:30 a.m. The first seminar will start at noon with Bob Heil/K9EID and Chip Margelli/K7JA in a joined three room session. Bob's, K9EID, pioneering work in the Amateur Radio world has led to significant improvements in audio quality throughout the industry. His company, Heil Sound, is the leading manufacturer of microphones and boom-sets for the world of Ham Radio. Chip, K7JA, has been active in DXing for over 42 years. You may have seen him on the Tonight Show with Jan Leno competing with (and defeating) the U.S. Champion cell-phone text messenger in a message-completion speed contest.

The room will then be divided into two rooms. One room will go into an intense DX session, and the other will cover 3 different amateur radio interests seminars.

1:00-1:10 P.M.: Tedd/KB8NW (NODXA President and Editor of the OPDX) will open and moderate DX seminars. Guest speakers will include (times may vary):

1:10-1:45 P.M.: Bernie McClenny/W3UR Editor of "The Daily DX and Weekly DX" and QST's "How's DX?" column. He will give a talk on

the "History of DX from the beginning to today".

1:45-2:10 P.M.: Don Karvonen/K8MFO, Ohio's number one DXer who is in the top ten of the ARRL's DXCC Challenge, is expected to give talk about 6 meter DXing.

2:10-2:40 P.M.: John Papay/K8YSE, one of the KH8SI operators, will talk about activating Swains Islands as a brand new DXCC entity.

2:40-3:25 P.M.: Bob Allphin/K4UEE, recently appointed DXAC Chairman, will talk about the DXAC and his recent VU7RG activity.

3:30-3:55 P.M.: DX seminars will end with a question and answer panel consisting of KB8NW, K8YSE, K4UEE, K8MFO, K4ZLE, W3UR and possibility others.

5:00 P.M.: Great Lakes Division Director Jim Weaver/K8JE will present the Great Lakes Division Awards. Please consider nominating a fellow ham for one of these awards by visiting:

<http://www.2007gldc.org>

Other seminars (second room) taking place:

1:00-1:55 P.M.: ARRL EmComm speaker from Headquarters will discuss emergency communications and the National Emergency Response Planning Report.

2:00-2:55 P.M.: ARDF by Bob Frey/WA6EZV and Dick Arnett/WB4SUV. Lots of great equipment will be demonstrated and on display. Photos and information from International Competitions will also be available.

3:00-3:55 P.M.: Jim Sanford/WB4GCS Amsat's Eagle Satellite Project Manager will discuss new developments and talk about what the new Eagle high orbit satellite will mean for everyone.

4:00 P.M.: Seminar rooms will once again be joined and will close with Tim Duffy/K3LR, an expert on Antennas/Contesting. He will talk about his K3LR Multi-Multi Contest Station. Many of you may have seen his station while traveling on I-80 when in Pennsylvania near the Ohio line.

The banquet will start at approximately 7:30 P.M. where the President of the ARRL, Joel Harrison/W5ZN will be the keynote speaker. Following the banquet the top secret Wouff Hong ceremony will begin for any interested ARRL Member.

Please support this great event by attending. Sponsors have helped make ticket prices lower than usual. Advanced sale tickets are available for purchase online at [www.2007gldc.org](http://www.2007gldc.org) along with complete information and any late news or changes.

### **Treasurer's Report**

August 2007

for June, July

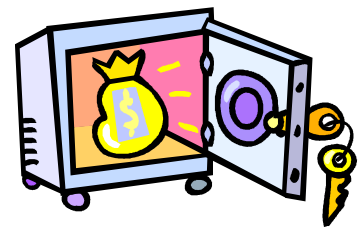
#### Income:

Dues: \$5.00

50-50: \$35.00

Field Day donations: \$90

Interest: \$16.74



#### Expenses:

Field Day food: \$78.70

ARRL books for MV Public Library: \$200.00

Balance on 7-26-07: \$1948.73

#### Designated Funds

Year 2005 Repeater Fund: \$634.94

Field Day Fund: \$108.30

Barry N8PPF



# July Meeting Fun for All

By Don Russell, WA8YRS

Miss the July meeting? Well, you missed a heck of a good time! On really short notice, it was decided to have a cook-out at the July meeting to finish off all the Field Day goodies that were left over. Emails went out to all those on the Newsletter list, plus announcements were made during the Sunday night net and at various other times on the repeater. Twelve club members showed up for the cook-out. Pretty much the meeting regulars; but hey, we finished off the food and then some!



Larry "Doc" Heltzer, AA8WP: The cook



Mike McCardel, KC8YLD  
(Now, who elected him President?)



Don Russell, WA8YRS  
(Cheers!)



Barry Butz, N8PPF  
(Ready to dig in!)



Ruben Clark, KB2SAI



Steve Seymour, KC8IKF, left and  
Bob McBride, N8QPM



Bob Bruff, N8PCE



# MVARC

Mt. Vernon Amateur Radio Club  
Minutes for the June 11, 2007 Meeting.



By Jeff Butz, N8SMT

## Attendees:

Zack McCardel	KC8YLE
Barry Butz	N8PPF
Larry Helzer, DVM	AA8WP
Don Bunner	KB8QPO
Don Russell	WA8YRS
Emily Bain	KC8YAE
Ruben Clark	KB2SAI
Dick Huggins	WD8QHY
Mike McCardel	KC8YLD
Jeff Butz	N8SMT
Robert McBride Sr.	N8QPM

President Mike McCardel, KC8YLD, called the meeting to order at 7:25 P.M.

## Treasurer's Report: Barry Butz, N8PPF

### Recent Income:

\$24.00 for dues  
\$7 for 50/50 Drawing  
\$10 donation to the Library Fund

### Recent expenses:

\$75.00 for Insurance  
\$41.00 for Stamps

Total Balance \$2090.69

Barry brought 6 Yaesu Hats and thought the 50/50 drawing would be \$2.00 and draw until the hats are gone with 75% going to the Field Day Fund. A motion was made and passed.

## EC Report: Ruben Clark, KB2SAI

Ruben wanted to thank those that filled out an ARES form and if anybody wants to fill one out let him know and he will get

you a form. He also thanked Dick Huggins, WD8QHY for running a weather net. He is looking for three more guys to help with the Tour de Cure this Saturday. He also appreciates getting the Sunday Net reports. And is still looking for the June 3<sup>rd</sup>. report.

## Pizza Hut Report: Dick Huggins, WD8QHY

Dick reported it has been doing pretty good. Last Wednesday we had 7 people. They have had anywhere from 4 to 15 people attend.

## Repeater Report: Don Russell, WA8YRS

Don and Barry went out and inspected the two meter repeater and found a loose N connector. Once they tightened it up there was an immediate improvement. They spent about an hour cleaning and checking connections and everything seems to be running OK now. Don also mentioned that he has ordered the library books.

## Field Day Report: Doc Helzer, AA8WP

Field Day will be here at the Red Cross. We will have a meeting to discuss Field Day activities after the meeting.

## New Business:

Mike McCardel, KC8YLD announced the Red Cross is offering "CPR and First Aid Training" this weekend and "An Introduction to Disasters" the weekend after Field Day. So if anyone is interested please contact the Red Cross.

The meeting was adjourned at 8:11 P.M.

## HAM HISTORY

By Barry Butz, N8PPF

Credit for this article goes to: International  
Electrotechnical Commission (IEC)

<http://www.iec.ch/100years/techline/>

Perhaps your car or tools contain corrosion-resisting galvanized steel. Or maybe you remember the galvanic series of metals. If so, you can credit Luigi Galvani (1737-1798).

As a professor of anatomy and medicine at the University of Bologna, Luigi Galvani was probably the first to investigate experimentally the relationship between electricity and organic life. Having lectured on the anatomy of the frog from 1773 he began to explore what he called the 'electrical forces in muscular movements'. In 1780 he observed that, while an electric machine was sparking nearby, the legs of a dissected frog twitched when he touched a bared nerve with a steel scalpel. Subsequently he got the same effect in a number of different ways, for example with just a metallic

contact between leg muscles and nerves. From these experiments he developed a general physiological theory of 'animal electricity', namely that muscles were linked to the brain by impulses of electrical fluid.

Being cautious about his results and interpretations, he did not publish them until 1791 in his book 'Commentary on the Effect of Electricity on Muscular Motion'. Although fellow Italian Alessandro Volta later showed that Galvani over-stated the animal origins of electricity, Galvani's experiments nevertheless established that nervous systems are basically electrical in their operation. He thus contributed to the establishment of neurophysiology and neurology, and through his studies of what was later named 'bioelectrogenesis'. The terms 'galvanized' and 'galvanization' are now used both literally and metaphorically to describe the process of being electrified.

## **VHF/UHF World**

**By Don Russell, WA8YRS**

Over the next several months, we will be talking about VHF and UHF propagation. Ordinarily, 6 meters would be tackled first. However, we have in past issues had several articles concerning 6 and 10 meter propagation. Therefore, I would like to start with 2 meters and work upwards.



In past issues of this newsletter, we have learned that E-skip is very common on 6 and 10 meters. This is where conditions are right for signals to bounce off the E-Layer of the atmosphere, generally creating skip zones out to 1,000 miles or so. You can also have double hop E-skip, where the signals bounce back from the E-Layer, then hit's the earth and bounces back up to the E-Layer, where it in turn, bounces back to the earth providing several thousand miles of communications range.

One would summarize that 2 meters would be affected by the same type of propagation. In fact, while E-skip does occur on 2 meters, it is fairly rare and not long lasting.

One of the main propagation modes on 2 meters is called "Atmospheric Tunnel Ducting". Ordinarily, the higher one goes in the atmosphere, the colder the temperature. As you go higher, the air is cooler. However, when there is a stable high pressure system, there is a possibility that a mass of warm air may overrun the cooler air, placing the warm air above the cooler air. This is called a Temperature Inversion. Radio waves trapped beneath this warm air inversion can travel huge distances with little attenuation. The signals are caught in a duct, bouncing between the upper warm air, through

the lower cooler air, until it once more encounters lower warm air, where it bounces back up.

Atmospheric Ducting is most common over water, where signals can travel as much as 2,200 miles or so. Ducting also occurs over land but is limited to usually under 1,000 miles.

So next time you here signals from outside the state on 2 meters, you are most likely observing the propagation mode of tunnel ducting.

For more information on this propagation mode, visit:

<http://www.ham-shack.com/propagation.html>

Another mode of propagation common on 2 meters is called Aurora Propagation. Commonly known as "Northern Lights". I have seen Aurora from my house, but you do not have to see it to use it. Just point your antennas up North. It is very strange to point your beam antennas North and work stations as far South as Florida and into Texas, but it does happen. I believe most Aurora communications is done on CW (Morse Code). However, using SSB is possible. AM or FM is not very likely because of the huge amount of distortion that goes with using Aurora propagation. Visit this site for more information:

[http://www.telusplanet.net/public/va6dx/aurora\\_page.HTML](http://www.telusplanet.net/public/va6dx/aurora_page.HTML)

Meteor Scatter is another interesting propagation mode used on the VHF band. It is possible to reflect signals off the tail of meteorites. The signals last from less than a second to several seconds. You can use this mode on 6 and 10 meters too, but I believe it is most popular on 2 meters.

Reflecting signals off of meteorites usually takes 50 to 100 watts of power and a fairly large beam antenna pointed in the right direction. Pointing the beam up a bit does not hurt your chances either.

In the old days, Morse Code or SSB was used for this communications mode. Indeed, this method is still used today. However, the computer digital modes have become very popular when bouncing signals off meteorites. The computer can decode signals the human ear may not even hear.

Like most digital programs, these programs use the computer sound card to send and receive (decode) the signals. If you can run psk31, then you are all set to bounce signals off of meteors.

For more information on this mode, and find out where to download the proper programs, visit this site:

<http://www.qsl.net/w8wn/hscw/hscw.html>

This site explains it in detail. Way beyond the scope of this short article.

The last propagation mode I would like to suggest is Moon Bounce. More commonly called EME (for Earth-Moon-Earth). Yes, you can send signals all the way to the moon and they will reflect back to Earth. Most of the better stations can hear their own echo.

Like meteor scatter work, EME has been popularized by the digital programs available for this mode. Again, way beyond the scope of this article.

You can do EME the old fashioned way with CW and SSB, big antennas, and loads of power. The digital modes are Letting the stations with a 100 watts or so and a smaller antenna join the fun.

For more information on EME, go here:

<http://web.wt.net/~w5un/>

And here:

[http://www.nitehawk.com/rasmit/ws1\\_1.html](http://www.nitehawk.com/rasmit/ws1_1.html)

A word of caution for those interested in meteor scatter and EME. These modes are not great modes for having a long QSO. Most contacts contain the barest of information to make the QSO a legal contact for collecting awards and QSL's. Even at that, some contacts may take half an hour to an hour or more to complete. Most are shorter however.

## ComPIOents

By Mike McCardel, KC8YLD

**Listen up.** I've been a listener most of my life. I remember sitting with my grandfather listening to his cabinet sized radio/turntable to listen to Detroit Tiger baseball games from our home on a hill top above my Ohio River home town. I also remember listening through the mono-plug earpiece of my dad's crystal radio. Or later listen to his scanner as it brought in much of the police and fire traffic from the myriad of small towns that lined both sides of the river.



Just about the time I began to study for my Tech license I bought a 1950 vintage Hallicrafter receiver. After attaching a wire to it that I stretched between the house and our phone pole, I listened to Broadcast and Shortwave AM stations seeing how many far away

stations I could pull in. It was cool to pick up the occasional morse code as well. I then came across dad's old realistic 10 channel crystal scanner and found I could program it for listening to Kenyon College's UHF frequencies used by maintenance, security and the IT department. Shortly after that I programmed in 146.790 and began listening into the scanner. It all seemed confusing at first but looking back on it all, this is how I learned to operate. It was listening all those years. I am sure I picked up some bad habits, but mostly I learned the "how to's" by listening and then, after getting my ticket, imitating what I learned by listening.

I very much enjoy talking on the radio, but even today I enjoy listening more. I listen into contests to learn how exchanges are made. I listen to a variety of digital signals and can now identify several. I listen to morse code and try to keep up. I like rag chowers and have learned a lot about a wide variety of things, radio related and not, by lurking in on their conversations. Before I joined the Ohio Single Side Band Net, Ohio's statewide traffic net, I listened for several days and learned how the net operated and how to pass traffic before I jumped in. Last spring I took a passenger train excursion to Pittsburgh and back. I took my VX-7 in the hopes of picking up some repeater traffic along the way. Instead, after talking to one of the conductors, I listened in to the rail traffic from the passing yards and to automated track inspections along the route. I learned more that day and had more fun than on most trips I ever take. I like to listen to signals and play with the radio's control and learn how to pull out weak or noising signals. The confidence I gained by this listening practice has served me well and allowed me to make contacts that otherwise I wouldn't have bothered to attempt.

I guess my message here is that while I encourage everyone to get on the air, remember, the biggest part of being a good communicator, is knowing how to listen.

Here are some upcoming events. If nothing else, take some time to listen in!

73,  
de Mike, KC8YLD

### **August**

4-5 ARRL UHF Contest  
4-5 North American QSO Party--CW  
**5 Annual District 6 Summer Picnic & Meeting 1pm**  
**13 MVARC Meeting 7pm @ Red Cross**  
18-19 ARRL 10 GHz and Up Cumulative Contest  
18-19 North American QSO Party--Phone

### **September**

**\*1 National Preparedness Month Begins**  
8-9 ARRL September VHF QSO Party  
9 North American CW Sprint

## 10 MVARC Meeting 7pm @ Red Cross

\*15 Amateur Radio Public Awareness Day  
15-16 ARRL 10 GHz and Up Cumulative Contest  
16 North American Phone Sprint  
22-23 CQ WW RTTY Contest  
29-30 ARRL VEC Amateur Exam Day

## October

\*6-7 ARRL Simulated Emergency Test  
**8 MVARC Meeting 7pm @ Red Cross**  
14 North American RTTY Sprint  
15 to 19 School Club Roundup  
19 First Quarter  
**\*20-21 Scouts Jamboree On the Air 50th Anniversary**  
27-28 CQ WW DX SSB Contest

## Revamped ARRL Membership Pages Go "Live" on the Internet (From the ARRL Letter July 27,2007)

The fully automated, easy-to-use, online membership application,

<http://www.arrl.org/join>

which now provides immediate confirmation to ARRL members, became a reality July 22. "Our new membership Web page went live due to the inter-departmental team effort of Membership, Circulation, Web Services, Accounting, IT and Business Services," commented ARRL Membership Manager Katie Breen, W1KRB.



"ARRL Circulation Manager Amy Hurtado, KB1NXO, and I visited many membership organization Web sites to see if we could find details we liked and wanted to use for our site. We then took those bits and pieces to ARRL graphic artist Diane Szlachetka, KB1OKV. Diane worked to decipher our notes, and ultimately we ended up with this awesome set of pages," she said.

But it doesn't stop there. "Having a front page was only the beginning. We needed to get all the systems behind the scenes to talk to each other. One of the big parts related to credit card processing. ARRL Web Developer Hugh Brower, KB1NFI, spent countless hours working with our merchant services company to set up all kinds of security protocols, and ARRL Web Applications Developer Micah Murray created all the nitty-gritty scripts to make the site actually work! Wow--what a process!" Breen said.

Breen said the online membership process "definitely needed an overhaul." She added that more than 65 percent of ARRL members use the ARRL Web site to join or renew their membership. "For existing members who renew, when they log in to their member page and follow the link to "Renew," the page will automatically

populate with their existing information. When a new ham joins and enters their call sign, their page is automatically populated with data from the FCC. Again, the idea is to make it as easy and streamlined as possible."

Calling the old online membership process "cumbersome," Breen said it did not allow ARRL members to add family members at the same time, make additional donations to the League or even add a subscription to QEX or NCJ. "You can now also choose a Life Membership online, which previously was not available. You can upgrade to Diamond Club while in the system--again, this was not an option previously. Now when you join or renew, you will receive an immediate confirmation by e-mail that includes the type of membership selected, when it expires and when the first issue of QST will arrive."

Breen said she hopes ARRL members will find this new Web page beneficial and she welcomes any feedback. She can be reached via e-mail

[w1krb@arrl.org](mailto:w1krb@arrl.org).

## Moving Down the "Tech Chain" or "Keep It Simple Stupid"

By E. Mike McCardel, KC8YLD

This article isn't so much about radio but about communication.

"When all else fails..." we all know the phrase. When the I-35 Bridge collapsed Wednesday cell phone communication came to a stand still. The cell networks

barely have the capacity to handle calls during normal peak times, and 6pm rush hour is one of the busiest of the day. So at 6pm last Wednesday in Minneapolis and St. Paul it didn't take much to clog the system. In the Minneapolis disaster AT&T and Verizon quickly brought in cell-phone stations mounted on trucks to handle the increased load. However, by the time they were set up things had cleared up.

Local Hams went on stand-by to assist if needed, but because the communications infrastructure of the emergency responders in the Twin Cities did not fail, there was no critical reason for us to deploy to the scene. This will probably be the state of emergency response in most disasters. Standing by isn't sexy but it is important that we are ready, just in case.





So what does the average Joe or Jane do when only 1 of 10 or 1 of 20 calls can get through? The suggested answer is text messaging. Hmmm, does that sound familiar? Just move on down the 'tech chain' until something works. How many of us know how to text on our cell phones? And if we can text, 911 can't receive it, at least not yet.

We have seen this. When the amateur radio bands are full of QRM and QRN, CW can still be pulled out, IF you know the code. How many of us could decipher the dits and dahs at a reasonable speed. Or could we send and receive packets via RTTY or PSK31? Do we have the equipment? Have we practiced the skills of sending and receiving? I wonder if things like Winlink 2000 are such a good idea for emergency back-up communication. It is higher up the "tech chain." It involves equipment not everyone has, takes more practice to learn and uses more power. Consider running on emergency power. I can get a message in the hands of another human being send out a 10 – 25 watt transmission across town or a 100 watt across country just using my radio, and even less if I practice and become proficient with CW. Using Winlink, I need a computer AND my radio. In effect, we add 250-600 watts to an already taxed make-shift power grid. This makes no sense to me when we can do the same thing with any radio and a couple sheets of paper via a radiogram. But, what about the store and forward aspect of Winlink, you say? I can nail the radiogram to someone's door. How's that for store and forward! And, I don't have to worry that the email sent via Winlink gets filtered out or rejected by someone's email filtering scheme. Alas, ARRL and others are pushing Winlink and make it sound that if you want to be a player you better get on board. I say lets stick with what we know will work.

The nature of emergency communication is changing. It's becoming better. In the future when all else fails it will be critically important that someone is standing by and can get a message through. Regardless of what technology you choose to use, are you ready?

## **ARRL GLDC SPEAKER ANNOUNCEMENT**

**By Tina Cook, W8HBI**

2007 ARRL Great Lakes Division Convention committee is pleased to announce our Emergency speaker at the event will be Dennis Dura K2DCD !! He is the new ARRL Emergency Preparedness & Response Manager.



Dennis previously had worked professionally for the New Jersey Emergency Management as Deputy State Emergency Coordinator. He was the Assistant State RACES Radio Officer for New Jersey. As well as

Chairman, National Weather Service Mt. Holly Forecast Office, Skywarn Advisory Committee. Dennis is also the Assistant Director of Operations for the VoIP Hurricane Net. He brings great knowledge of ARES, RACES and SKYWARN to the ARRL Family.

The Convention is a great opportunity to get to meet Dennis K2DCD and hear about his goals and where he sees things headed in the future for Amateur Radio and Emergency Communications.

Below is the link to the ARRL website where you can read more about Dennis K2DCD. Also remember to order your tickets to the Convention at [www.2007gldc.org](http://www.2007gldc.org)

<http://www.arrl.org/news/stories/2007/07/31/101/?nc=1>

## **ARRL in Action - July 2007: What Have We Been Up to Lately?**

**(From the ARRL Letter, August 3, 2007)**

The ARRL Board of Directors held its second 2007 meeting in Windsor, Connecticut. It was the final meeting for ARRL Southeastern Division Director Frank Butler, W4RH, who is retiring from the Board after 50 years of volunteer service to the ARRL. Just before the Board meeting, President Joel Harrison, W5ZN; CEO David Sumner, K1ZZ, and Chief Development Officer Mary Hobart, K1MMH, led the dedication of the Diamond Terrace at ARRL Headquarters.

CEO David Sumner responded by fax to congressional testimony by FCC Commissioner Jonathan Adelstein that included support for the expansion of broadband over power lines (BPL).

The September issue of QST, our first Emergency Communications special issue, was released to the printer. Preparations for the ARRL 2007 National Convention, to be held in conjunction with the Huntsville Hamfest, are in full swing. Web Development staff worked with several departments to update and improve the online membership application.

The ARRL has two Public Relations campaigns for 2007. One concerns ARES and Public Relations, and the other Emergency Communications. Media and Public Relations Manager Allen Pitts, W1AGP, reports a significant increase in the number and quality of Field Day media coverage.

ARES members assisted in two emergencies: the Zaca Fire in Los Padres National Forest northwest of Los Angeles, and flooding in Oklahoma. Regulatory Information Manager Dan Henderson, N1ND, discussed several issues involved with the PAVE PAWS radar situation with US Department of Defense officials in a teleconference call.

Chief Operating Officer Harold Kramer, WJ1B, made contact at W1AW with special event station VE2XPO in Montreal, Quebec, in commemoration of a similar contact made 40 years earlier from the Amateur Radio station at Expo 67, the Montreal World's Fair. Roland Masse, VE2PX, was at the mic in Montreal, as he had been for the original 1967 contact with W1AW.

Field and Regulatory Correspondent Chuck Skolaut, K0BOG, attended the Arizona State Convention in Williams. ARRL VEC Manager Maria Somma, AB1FM; ARRL Assistant VEC Manager Perry Green, WY1O, and Regulatory Information Manager Dan Henderson, N1ND, attended the annual conference of Volunteer Examiner Coordinators in Gettysburg, Pennsylvania. ARRL Lab Manager Ed Hare, W1RFI, took part in a meeting of the IEEE EMC Society Symposium in Honolulu.



# 2007 ARRL

## Great Lakes Division Convention

in conjunction with the 2007 Cleveland Hamfest

Date: Saturday, September 22, 2007 opening ceremonies at 11:30am

Location: Sheraton Independence Hotel, 5300 Rockside Rd, Independence, OH 44131

*We are very proud to announce our featured Banquet Speaker  
will be Joel Harrison W5ZN, President ARRL*

Jim K8JE, ARRL Great Lakes Division Director will host the  
Great Lakes Division Awards Ceremony



Joel Harrison, W5ZN

### Great Seminars that you ask for:

- Bob Heil K9EID and Chip Margelli K7JA, Heil Sound Workshop
- Bob Frey WA6EZV & Dick Arnett WB4SUV all about ARDF
- Tim Duffy K3LR "The K3LR Multi Multi Station"
- Jim Sanford WB4GCS Eagle Project Manager from AMSAT
- All about DX from beginners to Honor Roll Hams, seminars hosted by Tedd KB8NW, John K8YSE, Bernie W3UR, Don K8MFO, Bob K4UEE on VU7RD DXpedition plus a question & answer panel
- Wouff Hong ceremony after the banquet
- ARRL National EmComm Manager will talk about Emergency Communications
- Hospitality room courtesy of CARS, LEARA & NODXA
- Card checking - DXCC, 160 meter, WAS, VUCC, Fri. 7 to 11pm & Sat. 1 to 3pm

Please visit our sponsor tables Saturday 9:00am to 6:00pm

Seminars only	\$25.00 advance - \$30.00 at the door
Banquet only	\$37.00 advance sales only
Full ticket	\$50.00 save \$12.00 advance sales only
Full ticket with a room	\$45.00 save \$17.00 advance sales only

Order your tickets on line now using a credit card or send a check!

Option: Reserved tables for 8 people may be requested with your payment

**All Hams and those interested in becoming Hams are welcome.**

**Please attend the Convention to see what the ARRL has to offer.**

**Join the ARRL if you like what you see and hear!**

Questions, ticket orders and latest news call 216-524-7711 - 216-524-1750 or goto:

**Newsletter Credits**  
**Editor: Don Russell, WA8YRS**

**Clip Art and Cartoons** thanks to [http://wm8c1.50megs.com/radio\\_clip\\_art.htm](http://wm8c1.50megs.com/radio_clip_art.htm), <http://www.qsl.net/k4adl/>,  
[http://pages.prodigy.net/kg0zz/clipart/ham\\_art3.htm](http://pages.prodigy.net/kg0zz/clipart/ham_art3.htm), <http://www.arrl.org/>,

**The ARRL letter** is a weekly e-mail publication by the ARRL. You may read the entire ARRL letter by visiting the ARRL Web page at <http://www.arrl.org/>. **Other News** from: <http://ky4ky.com/fyi.htm>.

**The ARES E-Letter** is an e-mail digest of news and information of interest to active members of the ARRL Amateur Radio Emergency Service (ARES). Past issues of The ARES E-Letter are available at <http://www.arrl.org/ares-el/>. Issues are posted to this page after publication.

**Project OSCAR** is a monthly column written for Newsletter Editors. Columns will appear as space permits. You may download all the columns yourself at: <http://www.projectoscar.net/beacon.php>

Members are encouraged to send articles pertaining to ham radio, with an emphasis on local activities, equipment reviews, and personal experience to [wa8yrs@arrl.net](mailto:wa8yrs@arrl.net) or Don Russell, WA8YRS, 815 Brookwood Road, Mt. Vernon, Ohio 43050

**Mt. Vernon ARC Officers**

**President: Mike McCardel, KC8YLD**

[kc8yld@arrl.net](mailto:kc8yld@arrl.net)

**Phone: 740-599-6614**

**Vice President: Don Russell, WA8YRS**

[Wa8yrs@arrl.net](mailto:Wa8yrs@arrl.net)

**Phone: 740-397-0249**

**Secretary: Jeff Butz, N8SM**

[Jaylynn@copper.net](mailto:Jaylynn@copper.net)

**Phone: 740-965-9368**

**Treasurer: Barry Butz, N8PPF**

[n8ppf@mvarc.net](mailto:n8ppf@mvarc.net)

**Phone: 740-397-7540**

**Membership Form**

Club dues run from Jan. 1 until Dec. 31 and are collected during the last quarter of the year. You can mail in the dues to the address below or bring them to a meeting. Dues are prorated for new members at the time of application. Visit our Web Page at [www.mvarc.net](http://www.mvarc.net)

Dues Schedule: \$12 regular

\$10 for second member in the same family, for those over 65 yrs. of age, and for those living outside Knox County

**Mt. Vernon Amateur Radio Club, P.O. Box 372, Mt. Vernon, OH 43050**

Name \_\_\_\_\_ Call-Sign \_\_\_\_\_

Street \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Phone Number \_\_\_\_\_ License Class \_\_\_\_\_

ARRL Member (Y/N) \_\_\_\_\_ E-Mail \_\_\_\_\_

Extra Donation (Optional) \_\_\_\_\_

Members are entitled to a free MVARC E-Mail address. Would you like one? No \_\_\_\_\_ Yes \_\_\_\_\_

If yes please enter password \_\_\_\_\_

Other Comments: