



**Ham Radio Rocks!**

# The Mt. Vernon Amateur Radio Club

## May, 2009 Newsletter



Meetings are held the 2<sup>nd</sup> Monday of each Month at 7:00 P.M. at the Knox County Chapter of the American Red Cross, 300 N. Mulberry Street, Mt. Vernon, Ohio

### Local Ham Community

**K8EEN Repeater: 146.790 Mhz (-600 Khz With PL of 71.9 Hz)  
KD8EVR Repeater: 442.100 Mhz (+5Mhz With PL of 71.9 Hz)**

**Sunday Night ARES Net at 9:00 P.M. on The K8EEN Repeater  
Wednesday Night Social Net at 9:00 P.M. on the KD8EVR Repeater**

Welcome to the May issue of the Mt. Vernon Amateur Radio Clubs Newsletter. May this edition find all members well on their way through the annual spring cleanup so that members can get back to the important things. Antennas and radios!

Looks like we will see an increase in the ham population here in Knox County with testing being done May 7, 2009 at the Salvation Army starting at 7:00 P.M.. See my column "Radio Activity" for more information. Hopefully these hams will become active on our repeaters and give us old timers some new blood to talk to. It would be great if some members could take one or two new hams under their wings and show them the ropes. If you wish to be an Elmer, please let Mike McCardel (KC8YLD), Jim Jenness (KD8UT), Arlin Bradford (KD8EVR), or myself, Don Russell (W8PEN) know so that we can make arrangements.

Are you a new ham reading the Newsletter for the first time? Or an old timer wanting to catch up or learn new tricks? One may find these web sites useful:

[http://howto.wired.com/wiki/Become a Ham Radio Operator](http://howto.wired.com/wiki/Become_a_Ham_Radio_Operator)

<http://www.hamuniverse.com/hamhints.html>

<http://www.eham.net/>

<http://www.eham.net/newham/>

And of course:

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

I would like to welcome all new hams to our "Ham Radio Community". May you all have long and prosperous careers.

***MVARC Club Meeting is Monday, May 11, 2009 at 7:00 P.M. in the Red Cross Annex Building, 300 North Mulberry Street, Mt. Vernon, Ohio. This months program will consist of building a "Tape Measure Antenna" to be used for Fox Hunting (Transmitter Hunting). The club did this several years ago and it was a popular event. There is a fox Hunt (Transmitter Hunt) being planned so members can try out their new antenna. Additional info can be found on page 7.***

***Please remember to check into the long running Sunday Night ARES net at 9:00 P.M. on the K8EEN 2-meter Repeater.***

***Also check out the UHF net on the KD8EVR Repeater. This net runs each Wednesday at 9:00 P.M. and is a social net. Please join us for the fun of it.***

***Every Wednesday at 5:00 PM, MVARC club members meet at Wendy's, 522 South Main Street, Mt. Vernon, Ohio. Dinner Coordinator Dick Huggins, N8RDH, reports good turnouts for this event. Come share dinner with friends, or make new friends, by attending one or all of these events.***

***Join MVARC club members every second Saturday of the month for breakfast. Breakfast Coordinator Arlin Bradford, KD8EVR, reports good turnouts for this event.***

***\*\*\*The next Breakfast will be May 9, 2009 at 9:00 AM at the R&M South Side Dinner, 620 South Main Street, Mt. Vernon, Ohio\*\*\****

## ORLANDO HAMCATION

By Barry Butz, N8PPF

While you folks were enjoying freezing weather and shivering between buildings at the Mansfield Hamfest, Connie and I were in Florida enjoying the *Orlando Hamcation*. It's a good name and location for a winter hamfest. The event lasts for three days in February and has a large attendance, not as large as Dayton but big enough for Kenwood, Icom and Yaesu to send factory reps for their exhibits. The one thing that made this hamfest different from others I've seen is the fact that so many people arrive in their RVs. The grounds are the Central Florida Fairgrounds. There is a huge grassy parking area where the RVs are parked. Electric hookups are provided and there are nice restrooms and showers. Here's what our camping spot looked like. It isn't what you'd call scenic, but if you got there two days early, you could have a real pretty spot on the lakeside.



Besides the indoor booths, the flea market outside was populated by people in RVs, cars and trucks. So if you're in Florida around Valentine's Day, I'd recommend this as an enjoyable hamfest. By the way, my major purchase was a collapsible fiberglass antenna mast. You can see it at Field Day

## HOUSTON REPRESENTATIVE INTRODUCES AMATEUR RADIO BILL IN CONGRESS

From the ARRL Letter, May 1, 2009

On Wednesday, April 29,  
Representative Sheila Jackson-Lee



(D-TX) introduced HR 2160 -- the "Amateur Radio Emergency Communications Enhancement Act of 2009" -- in the US House of Representatives. This bill, if passed, would "promote and encourage the valuable public service, disaster relief, and emergency communications provided on a volunteer basis by licensees of the Federal Communications Commission in the Amateur Radio Service, by undertaking a study of the uses of Amateur Radio for emergency and disaster relief communications, by identifying unnecessary or unreasonable impediments to the deployment of Amateur Radio emergency and disaster relief communications, and by making recommendations for relief of such unreasonable restrictions so as to expand the uses of Amateur Radio communications in Homeland Security planning and response." The bill has been referred to the Committee on Energy and Commerce [http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111\\_cong\\_bill&docid=f:h2160ih.txt.pdf](http://frwebgate.access.gpo.gov/cgi-bin/getdoc.cgi?dbname=111_cong_bill&docid=f:h2160ih.txt.pdf)

If enacted into law, HR 2160, would instruct the Secretary of Homeland Security to undertake a study and report its findings to Congress within 180 days. The study would spell out uses and capabilities of Amateur Radio communications in emergencies and disaster relief. The study shall:

- \* Include recommendations for enhancements in the voluntary deployment of Amateur Radio licensees in disaster and emergency communications and disaster relief efforts.

- \* Include recommendations for improved integration of Amateur Radio operators in planning and in furtherance of the Department of Homeland Security initiatives.

- \* Identify unreasonable or unnecessary impediments to enhanced Amateur Radio communications -- such as the effects of private land use regulations on residential antenna installations -- and make recommendations regarding such impediments. \* Include an evaluation of Section 207 of the Telecommunications Act of 1996 (Public Law 104-104, 110 Stat 56 [1996]).

- \* Recommend whether Section 207 should be modified to prevent unreasonable private land use restrictions that impair the ability of amateurs to conduct, or prepare to conduct, emergency communications by means of effective outdoor antennas and support structures at reasonable heights and dimensions for the purpose in residential areas.

The Secretary of Homeland Security shall utilize the expertise of the ARRL and shall seek information from private and public sectors for the study.

The bill currently has five co-sponsors: Madeleine Bordallo (Guam), Mary Jo Kilroy (D-OH), Zoe Lofgren (D-CA), Blaine Luetkemeyer (R-MO) and Bennie

Thompson (D-MS). Representative Thompson currently serves as Chairman of the Committee on Homeland Security. Representatives Jackson-Lee, Lofgren and Kilroy are members of that committee.

"We understand that Representative Jackson-Lee was very impressed with the radio amateurs she encountered on a visit to an Emergency Operations Center in Houston during Hurricane Ike last September," said ARRL Chief Executive Officer David Sumner, K1ZZ. "We are grateful to her and to the five original co-sponsors for their support of Amateur Radio and the encouragement that their bill offers."

ARRL President Joel Harrison, W5ZN, concurred: "We are excited to have Representative Sheila Jackson-Lee introduce HR 2160. It is extremely encouraging to have the support of a number of original co-sponsors -- including several members of the House Homeland Security Committee -- who recognize the importance of Amateur Radio's long history of public service."

## Earth Day Marathon

By Mike McCardel, KC8YLD



"Net Control we have gunfire at station 5." Austin Godber, KD7NMS.

You never know what may happen when you support communications for an event, whether it is a local laid back parade, a race or an actual emergency. I imagine that if we were supporting the Boston, New York or Columbus Marathons this type of transmission may actually have attracted the attention of law enforcement. However this is the Earth Day Challenge Marathon. The runners traverse through the Knox County countryside along the Kokosing Gap Trail. Did I mention this occurs during special youth-only Turkey gun season?

Austin's comment was in humor, but was definitely worth reporting. Supporting community events are real practice for real emergencies. It's like fire drills. Too many people take them for granted or as a nuisance, and don't follow procedures, because, after all it's just a drill. I believe this year's EDC Marathon was one of the best drills I have participated. We got lots of practice and

learned a lot.

Even though the event was on our schedule, for some time, and we had had arranged for extra support from the Richland County ARES I dispensed as little information in advance as I needed too. We knew we getting to use the Richland ARES communication Trailer, but it wasn't until a couple days before the event that we made the final arrangements for the delivery. I never asked for a full commitment from anyone but rather just expected people to show up. As for the Richland support, again I let their preps up to them without giving them much information until the last minute. Actually it wasn't until the day before that I sent out maps and information as to a game plan. So we had, in effect, less than 24 hours before we began setting up.



Saturday afternoon between 4 and 5 pm Bob Ruth, KD8AZQ, President of the Intercity Amateur Radio Club, Steve Barr, KD8GRM and others delivered the communication trailer to McBride field at Kenyon College. They set up the antenna gave me the quick tour and showed me the ropes on their radio. They patted me on the back and said they would be back on Sunday.

### Lesson number 1: Know what your served agency wants you to do.

I didn't rest well Saturday night. I was worried about having enough workers to cover everything I wanted to cover, even though I had a nice briefing with the race officials Thursday evening. At that meeting we set up a strategy to establish what points they wanted priority coverage.

### Lesson Number 2: Have a plan

I left that meeting with a plan to where I wanted to send people based on whether I was the only one to show or if we had 20 people show. I spent some time studying maps and rechecked to make sure I could give good directions to everyone.

### Lesson 3: Use Tactical Callsigns

I also thought through what tactical call signs to use. Keep them brief and yet descriptive. This served well



during the day. It's hard to remember where a dozen different hams are and their callsigns don't really tell me information I need as the day goes by. But it was very useful knowing the report was coming from Station 5, Trail End, North Turn or Race. I had a cheat sheet listing where every operator was but never used it. Everyone did a great job of using their tactical call and then identifying themselves, with their callsign, at the end of each of their transmissions.

#### **Lesson 4: Trust in your help**

My restless night was for not. We had plenty of support show up. They were here early and ready to go. No one got lost on their way to checkpoints and followed net protocols. As stations were cleared and were secured, the operators at those stations requested reassignment as necessary.

#### **Lesson 5: Adapt, remember we are there to support Communication and meet the desires of our served agency**

At 0917 hours Station 5, manned by Austin Godber, KD7NMS, reported the station had no workers present. I had just received a report from Station 3 that the lead runners passed their station at 0912. A quick calculation informed me that they would arrive to Station 5 about 0936. A quick yell down the hill to Race (yes I yelled! I didn't assign support with Race because they were close enough to get their attention without radios and the race officials had this low on their priority list). A quick cell call from Race to Bike Marshals were quickly dispatched to fill the void until the scheduled workers arrived.

#### **Lesson 6: go the extra mile**

At 0935 the Bike Marshall arrived at Station 5. The first runner arrived at 0939, As the runners approached, Austin reported he would be off air but monitoring while he assisted the marshal with runners because they were the only two at the station. At 0952 other workers arrived at Station 5 and Austin checked back in. There is often a debate as to how far a ham should go to support things outside of communications. I for one believe we should help where ever we can as long as we remember our primary responsibility.

#### **Lesson 7: keep a running log with enough detail to recall events later**

I was able to recount the above episode because I kept a log. My log is 10 pages long. It began when I opened the net at 0642 and ends when I closed the net at 1424. It has nearly 200 timed entries. It includes the location of who is at every station, cell numbers for race officials, calculations to determine estimated arrival times of runners, lists of runners as they passed turns, and recorded longitude/latitude of the trail vehicle as it was reported to our APRS station or as reported at each

checkpoint.

#### **Lesson 8: Evaluate your performance**

My writing this is as much for evaluative purposes as for reporting. The one thing I would criticize about our performance would be the lack of some type of debriefing after the event. With that said I will forward this onto Richland ARES and ask them to comment. Also, I would like anyone from MVARC to comment as a means for evaluation.

#### **Some things I believe we did extremely right:**

Use of tactical calls, Keeping non official chatter to a minimum, Being on time, Willingness to adapt and move and be reassigned, Keeping net control briefed of situations in and around the event. Communications trailer was great!. It was comfortable, efficient and functional. The rains held off until the end of the event, but regardless Net Control would have stayed comfortable and dry.

#### **Things we could improve on:**

As copious as my notes are there is some incompleteness. It would be nice to have about 5 more people, then we could cover all points including imbedding with EMT units, having someone at Race HQ all day. Develop an improved antenna system for our APRS station and perhaps more APRS stations especially on Bike Marshalls. Hmm what about Bike Marshalls with radios? We could train them to get licenses or find some bikers with a license. A clock in the communications trailer. I usually bring one and left mine at home.

#### **A special Thanks to:**

Don Russell W8PEN, Station 7 and North Turn

Arlin Bradford, KC8EVR, Gator Trail Vehicle

Zach McCardel, KC8YLE, Station 3, Race

Larry Helzer AA8WP, Off site support and Net Control relief

Bob Ruth KD8AZQ, Station 1 and Gator Trail Vehicle

Melody Ruth KD8CWI, Station 1, Station 2

David Weigold N8DPW, Station 2, Transport

Kyle Crawford KD8GEI, Station 4

Jim Ellsmore KD8JHB, Trail End, Net Control Relief

Kristofer Maki KD8JBF, Half Turn, Transport

Austin Godber KD7NMS, Station 5

Steve Barr KD8GRM, Station 6

Mike McCardel KC8YLD, Net Control



\*\*\* The End \*\*\*

## Treasurer's Report May 2, 2009 for Feb 1 to Apr 30, 2009

Balance on 1-31-09: \$ 2523.73

Income:

Interest: \$ 10.20

Dues: \$ 43.00

Donations: \$ 10.00

50-50 Repeater Fund: \$ 19.00

Expenses:

Ohio Corporation Fee: \$ 25.00

Balance on 4-30-09: \$2580.93

Designated Funds

Year 2005 Repeater Fund: \$ 720.94

Field Day Fund: \$ 133.24

Barry N8PPF

## Radio Activity



By Don Russell, W8PEN

### My antenna project:

Before anyone asks..... No, I have not built my rotatable dipole yet. Too many other Spring projects being done at the moment.

First thing I need to do is get the Tri-bander down. Depending on the weather, I may accomplish this task before the weekend is over. Then I will need to actually put the antenna together and tune it up. I should have results in time for the June Newsletter, so stay tuned.

### Technician Class:

The Technician Class course has come to a close. Testing will be Thursday, May 7, 2009 starting at 7:00 P.M. We should see seven or eight new hams from this class. Anyone wishing to help these beginners, please let me or Mike, KC8YLD, know. There are also about 11 students from a class held by Jim Jenness, KD8UT, in Apple Valley. Looks like the Knox County ham population is about to explode! That would be a good thing.

There are still several members of the Salvation Army interested in getting an Amateur Radio license. Therefore, there could be another course starting very soon. Club members should inform friends and family of this opportunity. Regardless, if the interest is there, we can always organize a Technician Course very quickly.

Mike and I have talked about the just ended course. While the course went very smoothly, there are improvements that could be made. We are thinking of making this course an eight week course (rather than the six week course just finished). The extra two weeks will make things not so rushed and we can spend extra time on areas that seem to be confusing to the students. Also, we can add several demonstrations to the course. Especially in the area of electronics, antennas and safety.

This was the first club sponsored class in several years. With the seeming resurgence of Ham Radio popularity, I would like to make this a yearly Club project.

### Kenyon College "Earth Day Marathon":

This years running of the Kenyon College "Earth Day Marathon" was once again a successful venture for the club.

This year, the Richland County ARES volunteered to help out in the event. This provided our group with several more operators plus the use of Mansfield's Communications Van. Mike McCardel, KC8YLD, and net control of this year's event claims that he could have used yet another operator or two, so there is plenty of room for more volunteers at next year's event. New hams should not be shy. Please volunteer for this event. This is not only a good way to get introduced to providing public service communications; it is a heck of a lot of fun too.

For my part, I was assigned to a location with the tactical name of "North Turn". This location was between Howard and Danville and was the point in which the runners and walkers of the "Full Marathon" would turn around and head back to Gambier. It was at about the 20 mile leg of the event so once participants turned around at this point, they knew there was only about six miles to go. They were happy to see me and the student volunteers.

My job consisted mainly of reporting the participants numbers and times as they turned around. Mostly, this was an easy task. I also tried to make sure I offered some form of encouragement and congratulations, as did the student volunteers. That was fun too.

When it was all done, I believe the ARES groups from Mt. Vernon and Mansfield left a favorable impression on the Sponsors of this event and will be invited back again next year to help out.

It is funny how things evolve. When cell phones were first introduced, it was thought that our service of providing communications for public events were going to be of limited value. Now, after several organizations played with cell phones and family channel radios, we are being invited to these events. I think the public is starting to realize that dialing a cell phone every few minutes for an update is a pain, and family channel radios are of little use unless the event encompasses a very short distance. Even then, experienced radio operators are certainly preferred to someone who has no clue where the push to talk button is.

Ham Radio is a great hobby.

### **Emergency Reference Information for Amateur Radio Stations:**

The last two pages of this month's Newsletter contain valuable information for local ARES and Club members. Please detach these two pages from the Newsletter and keep it at your operating position.

## **What does ARRL do for me?**

**An excerpt from "Weavers Words"  
By ARRL Great Lakes Division Director,  
James Weaver, K8JE**

Last month I began this series of discussions on the benefits members receive from membership in ARRL. I provided a simple listing of services and noted which were available with no fee associated with them. I also referred to a number of the best-known services (e.g. DXCC, contest) as being superficial. By superficial I mean they are great activities that provide many of us with needed relaxation and a lot of fun (admittedly, with a little frustration at times), but they don't do much of

earthshaking consequence for Amateur Radio or the public.

ARRL is the only ham radio organization in this country that can mount a sustained, full-scale effort to achieve the regulatory and legislative action Amateur Radio deserves. Through this effort, Amateur Radio, and you and I benefit.

What other ham organization in the US could have brought a successful lawsuit against the FCC in Federal Court? None.

However, because of ARRL, the FCC has been prevented from putting an ill-conceived regulation into effect. A US Court has required FCC to suspend implementing it and to go back to the drawing board. The Commission is required to follow its own operating rules in developing a new regulation, provided it wants to develop a new regulation.

ARRL successfully showed the Court the Commission ignored its own rules when it paid no attention to relevant data it had received in developing rulemaking. The resulting rule would give unlicensed transmitters dominance over licensed transmitters. In other words, Part 15 unlicensed devices could interfere with license radio services (including Amateur Radio). The most notable Part 15 device at this time is BPL.

When one considers only BPL, if you operate from 160 through 2 meters, you have benefited from the League's fight to keep Part 15 devices, including BPL, to operate free of interference to ham operations.

### **For those wondering what we missed last month, here is the excerpt from last month's "Weaver's Words":**

Members and non-members alike have occasionally asked me what ARRL does for them that the beneficiary doesn't need to pay extra to get. It seemed to them that nearly everything the League does for members requires them to pay extra to obtain. The prevailing attitude among non-members also seems to be that unless they DX or contest, ARRL membership offers nothing to them. Once one knows the facts, it is obvious that neither of these contentions is correct. With this issue of Words I begin a series of discussions of what ARRL really does. In these discussions you will learn which member benefits have fees associated with them and which member benefits are not associated with fees.

First, let me give a brief listing of services provided by ARRL. After doing this, I'll expand on one item that I believe is of interest to many members. The listing is below. No fees are charged to take advantage of the services marked "(n/c):"

- QST, Your Monthly Membership Journal
- Members-Only Web Access (n/c)
- Technical Information Service (TIS) (n/c)
- Outgoing QSL Service
- ARRL Field Organization including ARES® and several additional, important services(n/c)
- Operating Awards
- Representation of your Amateur Radio interests in Washington, DC to the FCC and Congress (n/c)
- Representation of your Amateur Radio interests in International Government Treaty negotiations. (n/c)
- A Regulatory Information Branch that provides information on FCC and regulatory questions; problems with antenna, tower and zoning restrictions; and reciprocal licensing procedures (n/c)
- Volunteer Counsel Program (n/c)

- Volunteer Examiner Coordinator program (n/c)
- Registered Amateur Radio Instructor program (n/c)
- W1AW broadcast bulletins and code practice (n/c)
- Preferred subscription rates for QEX, the ARRL Forum for Communications Experimenters
- Discounts on Continuing Education Program courses.

This listing is generally available at

[www.arrl.org/benefits.html#awards](http://www.arrl.org/benefits.html#awards).

It is a fact that a number of what I consider the superficial services provided by ARRL, require the recipient to pay a few cents to several dollars. In most instances the fees are to pay for certificates and optional plaques -- the well-known and hard-sought "wallpaper" with which so many of us paper our shack walls.

Look, through the list of services for which fees are not assessed. These very importantly include the tough work ARRL does. As I will discuss later, these services relate to keeping our amateur frequency allocations, obtaining new frequencies, protecting our frequencies from invasion by interfering individuals or services, protecting amateurs' rights to pursue the Amateur Radio Service and generally protecting the value of the Amateur Radio license.

I ask you, first, to review the frequencies you use during your personal operating. The basic fact is: None of us would have use of these frequencies if it was not for ARRL. There is no charge by ARRL for the services that resulted in obtaining these frequencies.

## Tape Measure Antenna

Program for May 2009 meeting

By Arlin Bradford, KD8EVR

Fellow hams. Wow what a year. It is already May and a quarter of the year is gone. The club has had some very exciting meetings this year and May's will be no exception.

This month we will learn, and for those that want to, build a tape measure antenna for the 2meter band. Jamie Book, N8NOP, of Perrysville, Ohio will be the instructor of this. Jamie works for Vasu Communications in Mansfield and is very technical in all of his communications work. I have provided a list of items needed to build the antenna and I will have a couple of solder stations set up at the meeting. Also, we will plan and schedule a foxhunt to be done somewhere in Knox county this month. I myself, have never done a foxhunt and am looking forward to doing it. The winner of the foxhunt will receive a special prize from Universal-Radio of Columbus, Ohio.

### Parts....

**1/2 inch schedule 40 PVC**

**2 cross fittings**

**1 t-fitting**

**2 ft of pipe**

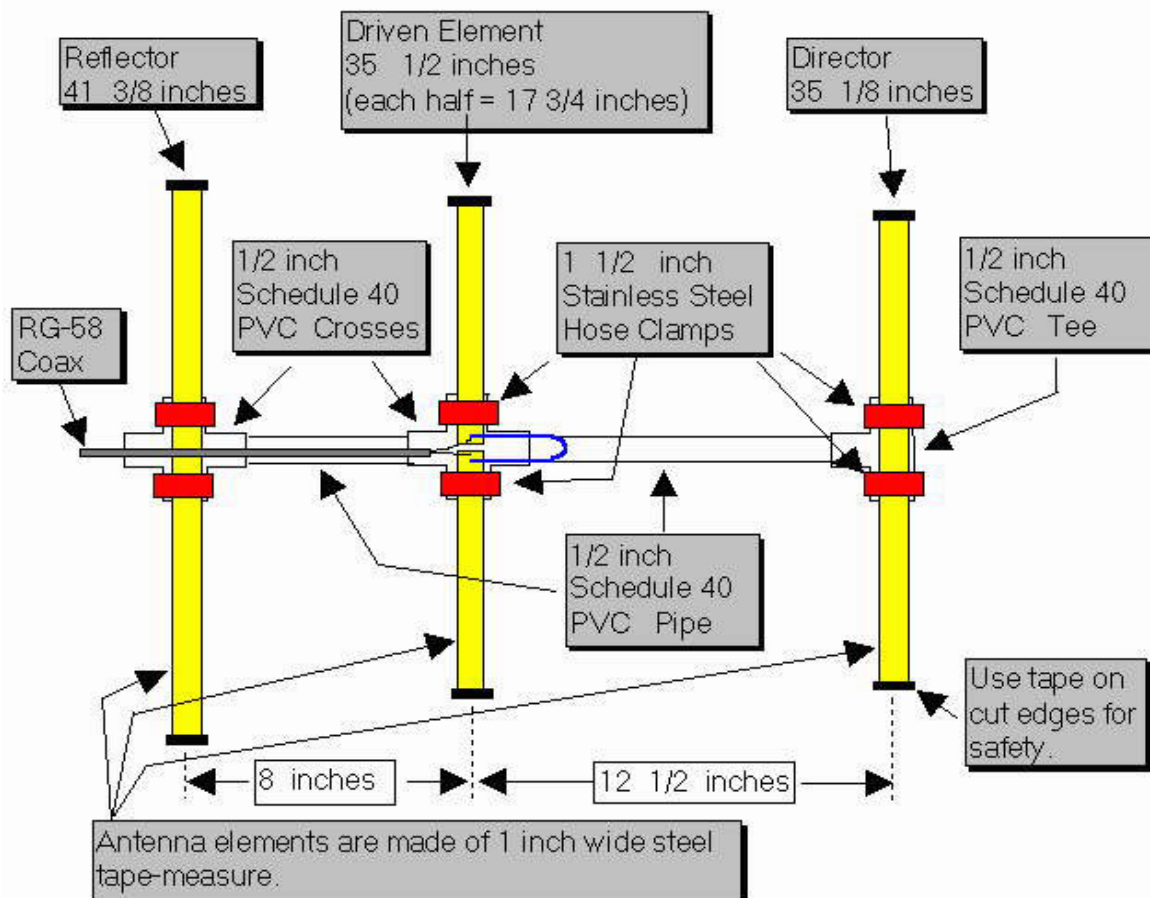
**1-inch steel tape measure minimum of 8 1/2 feet**

**6 hose clamps stainless steel 1 1/2 inch**

**Electrical tape**

**RG-58 coax with connector on one end**

**5-inch piece of copper wire (enameled, stranded, etc)**



**Mt. Vernon ARC Officers**

<b>President:</b>	<b>Arlin Bradford, KD8EVR</b>	<a href="mailto:kd8evr@mvarc.net">kd8evr@mvarc.net</a>	<b>Phone: 740-427-2440</b>
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<b>Treasurer:</b>	<b>Barry Butz, N8PPF</b>	<a href="mailto:n8ppf@mvarc.net">n8ppf@mvarc.net</a>	<b>Phone: 740-397-7540</b>

**Newsletter Credits**

**Editor: Don Russell, W8PEN**

**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/k4ad/>, [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 [w8pen@arrl.net](mailto:w8pen@arrl.net) or Don Russell, W8PEN, 815 Brookwood Road, Mt. Vernon, Ohio 43050**

**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 \_\_\_\_\_



## Emergency Reference Information for Amateur Radio Stations (Revised May 4, 2009)

### Telephone Numbers

(List name and/or number)

State Police 397-5115  
 Sheriff 397-3333  
 Police 911 See Local Town  
 Fire Department 911 See Local Town  
 Ambulance 911 See Local Town

SM - Joseph J. Phillips, K8QOE – Home: 513-874-0006 Pager: 513-971-5048

SEC – John W Sovik, KB8WPZ– Phone: 330-793-4058

DEC - Jay Bookwalter, KC8GNL – H: 419-522-3696 W: 419-529-3696 Cell: 419-564-3630

EC – Ruben Clark, KB2SAI – H: 326-4154, Cell: 501-8106, W: 392-9246

AEC – Arlin Bradford, KD8EVR – H: 397-5908, Cell: 263-0473 W: 627-0922

KCARES Net Manager - Ruben Clark, KB2SAI – H: 326-4154, Cell: 501-8106, W: 392-9246

National Weather Service (SKYWARN) 1-800-262-9683 — Cleveland

Red Cross 397-6300 300 N. Mulberry, Mount Vernon, OH

Salvation Army 392-8716 206 E Ohio Ave., Mount Vernon, OH

National Guard 397-4330

Skywarn 1-800-262-9683

Knox ARRL PIO - E.Mike McCardel, KC8YLD, Cell: 599-6614, H: 599-6689, W: 427-5352

Ohio Section PIC – Emily E Wells, KC8RAL, H: 330-394-3560

Official Observer Coordinator -- Richard L Swain, KK8O, 419-468-6050

		Frequency	Local Time	Days
KCARES Net	K8EEN	146.790 MHz	9pm	Sunday
MVARC Net	KD8EVR	442.100 MHz	9pm	Wednesday
OH Sec Net		3875 KHz	5pm	Daily
RACES Net	SEE KCARES			
SKYWARN Net	K8EEN	146.79 MHz	As Needed	As Needed
Section/Local Net	OSSBN	3972.5 KHz	10:30am, 4:15, 6:45pm	Daily
Ohio SlowNet (CW)	OSN	3708 KHz	6:10pm	Daily
D8RN (SSB)		3865 KHz (7240 KHz)	12:30pm, 4:30pm	Daily
Red Cross/ARES Frequency		147.42 MHz	As Needed	As Needed
SATERN		14265 KHz	As Needed	As Needed

(Salvation Army Team Emergency Radio Network)

### ARES Section Wide Emergency Assignments

Administrative 3.8750 MHz  
 7.240 MHz  
 Emergency 3.9870 MHz  
 Traffic 3.9725 MHz  
 DATA 3.6050 MHz  
 CW 3.5770 MHz

### Local Frequencies for Monitoring

WWG57, Butler, OH NWS Radio 162.4500 MHz  
 Knox County Fire 154.3250 MHz  
 Knox County Police Repeater 159.3300 MHz  
 Mount Vernon Fire 159.0450 MHz  
 Mount Vernon Police 154.7400 MHz  
 WX District Net Cleveland District 3 146.9400 MHz  
 National Red Cross Radio Agency Frequencies 47.4200 MHz 155.1600MHz  
 National Amateur Calling (Wilderness) 52.5250 MHz 146.5200MHz

### What to report:

Caller's name  
 Location – Situation  
 Injuries: number, extent  
 Fire?  
 Traffic blocked?  
 Need assistance?  
 Weather conditions?

### Skywarn Frequencies

Knox 146.79  
 Richland 146.94  
 Licking 146.88  
 Ashland 147.105  
 Holmes 146.67  
 Coshocton 147.045  
 Morrow 146.775  
 NWS Backbone 52.68  
 Monitor Only!

K8EEN Repeater 146.79 MHz PL71.9 -600KHz

### GENERAL CODES

#### TRANSMITTED TONE:

367 Repeater in Weather Watch mode  
 368 Repeater in Weather Warning mode  
 369 Repeater in open operation  
 388 Repeater in net operation  
 377 Repeater in PL mode Normal Repeater Mode

KD8EVR Repeater 442.100 MHz PL71.9 +5MHz

#### Echolink Codes

00 Connect to a Random Node  
 01 Connect to a Random Link  
 03 Connect to a Random User  
 08 Echolink Status  
 09 Reconnect to the last Node  
 79 K8EEN-R: Mt. Vernon, Ohio  
 80 K40BX-R: Hatteras Island, N.C.  
 82 KG8FV-R: Polk, Ohio (Ashland County)  
 84 W8DF-R: Battle Creek, Michigan  
 100: KD8EVR: KD8EVR'S Computer  
 CXXXX Connect to a known Node where  
 XXXX is the Node Number.  
 # Disconnect for a Station or Node.

**Ohio Section District 6 (and more) Net Schedules**

**Central Ohio Traffic Net (COTN)** – Daily at 7:15pm on **147.240** (K8DRE, Capital City Repeater Assoc. Worthington)  
**Burning River Traffic Net** – Daily at 9:30PM on **147.150** (Cleveland and North Central Ohio)  
**Ashland** ----- Club net Tuesday night at 7:30PM on **147.105** (71.9pl) [except 2ndTuesday which is club meeting night.]  
**Crawford** ---- Galion ARC – Tuesday nights at 8PM on **146.850** (71.9pl)  
**Holmes** ----- Tuesday night “watch net” at 9PM on **146.670** (71.9pl)  
**Hancock** ---- Wednesday Night at 8PM on linked **147.150** (88.5pl) & 444.150  
**Marion** ----- Wednesday nights at 8PM on **146.300** (71.9PL) *If repeater is Down use 146.460 simplex*  
**Richland** ---- Wednesday Nights at 9PM on **146.940** (71.9 pl)  
**Wayne** ----- Wednesday night at 9PM on **147.210** (71.9pl)  
**SKYWARN** – Wednesday Nights at 9 PM on **52.68** (open *only* to registered BackBone operators) Feel free to listen in.  
**Ashland** ----- ARES net Thursday night at 7:30PM on **147.105** (71.9pl)  
**Huron** ----- Sunday Nights at 6:30PM on **146.865** (110.9pl)  
**Wyandot** ----- Sunday night at 7PM on **147.210** (107.2pl)  
**Knox** ----- Sunday Night at 9PM on **146.790** (71.9pl) *If repeater is Down use 146.790 simplex*  
**Knox** ----- Wednesday Night 9PM on **442.100** (71.9pl) *If repeater is Down use 442.100 simplex*  
**Seneca** ----- Sunday Nights at 8PM on **145.450** (107.2pl)  
**SSTV NET** – Sundays Nights at 8PM on **145.230** ( NO PL )  
**Morrow** ---- Sunday night at 9PM on **146.775** (71.9pl)  
**Crawford** ---- B.A.R.C. – Sundays at 9PM on **147.165** (88.5 pl)  
**Northern Ohio Simplex Net** – 4<sup>th</sup> Sunday Each Month at 4:30PM on 146.430. – They will use relay stations for the distant stations on this net, so please give it a try. It will originate from Tiffin with Karl Erbland K8ARL as net control.  
 NOTE: District 6 is made up of Ashland, Crawford, Hancock, Homes, Knox, Marion, Monroe, Richland, Wayne and Wyandot Counties.

**National Traffic System Nets (Local Time)**

D8RN (Early)	12:30 PM	7240 KHz
D8RN (Late)	4:30 PM	3940 KHz
DEAN (Mon-Fri)	2:30 PM	7240 KHz
DEAN (Sat, Sun)	CW 2:30 PM	7050 KHz
8RN (Early)	CW 7:45 PM	3530 KHz
8RN (Late)	CW 9:30 PM	3530 KHz
EAN	CW 8:30 PM	3679 KHz
OSSBN	10:30 AM, 4:15 PM, 6:45 PM	3972.5 KHz
OSSBN	Alternate Frequency	3968 KHz
BN	(CW Net) 6:45& 0:00PM	3577 KHz
BNR	(Teletype) 6:00 PM	3605 KHz
Ohio Section ARES Net	5:00 PM	3875 KHz
OSN	(CW Slow Net) 6:10 PM	3708 KHz
COTN (Cent OH Traffic Net)	7:15 PM	147.240 MHz
Independent Net (Phone)	9:00 PM	3985 KHz

**National Red Cross Frequencies**

**VHF - Low Band Operations**

**VHF - High Band Operations**

Channel	Description	FREQ	Description	FREQ
1 RED	Primary Nationwide	47.4200	Ch1 PRIMARY	155.1600
2 BLACK	Secondary	47.5000	Ch2 SECONDARY	155.2200
3 TAN	Alternate	47.4600	Ch3 LTERNATE	155.2800
4 Yellow	Backup	47.6600	Ch4 BACKUP	155.3400
5 Orange	Tactical 1	47.5400	Ch5 TACTICAL	155.4000, 155.2350
6 BLUE	Tactical 2	47.6200		154.5150, 154.5700
7 Purple	Tactical 3	47.5800		154.6000, 154.6250
		43.0000		

**K8EEN Repeater Codes**

**TIME OF DAY:** 17 (un-key)  
**DTMF PAD TEST:** 16XXXXXXXXXX  
 (un-key)  
**SIGNAL REPORT FROM REPEATER:**  
 24\* (un-key)

**PL ACCESS:**

Tone required: 71.9 Hz.  
 For radios without PL, enter 15 on the keypad. After one minute of no activity, the repeater will reset to PL and require 15 to be entered again.

**TRANSMITTED TONES:**

**GENERAL CODES**

369 Repeater in open operation  
 388 Repeater in net operation  
 377 Puts Repeater in PL mode  
 (Normal Repeater Mode)  
 368 Repeater in Weather Warning Mode  
 367 Repeater in Weather Watch Mode

**ECHO LINK CODES:**

#8123 Echo Link on  
 #8159 Echo Link off  
 To access a known Echo Link node, enter #CXXXXX, where XXXXX is the node number.

To disconnect from a node, press the # key.  
 Node Number to the KB2SAI link is: 83753