



Ham Radio Rocks!

The Mt. Vernon Amateur Radio Club February, 2013 Newsletter



Meetings are held the 2nd 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**



The Passing of Loved Ones

It is with sadness that I report the passing of loved ones in the Clark, Butz and Blizzard families. Melinda (Ruben) Clark lost her sister in December. Jeff's son Jeffrey Allen Butz, KD8LTD, passed away on December 22nd, and Virginia Blizzard, Don's mother, passed away on January 3rd at the age 101. Our deepest sympathy goes out to each of these families.

Jim Jenness, KD8UT

Proposed Change in Club By-Laws

During a Board of Directors meeting in January, there was a recommended change to the MVARC By-Laws. This proposal was submitted during the January 2013 club meeting.

Currently:

ARTICLE 1.
SECTION 2. CLASSIFICATION OF MEMBERS

The next meeting of the Mt. Vernon Amateur Radio Club will be Monday, February 11, 2013 at 7:00 P.M. in the Red Cross Annex Building, 300 North Mulberry Street, Mt. Vernon, Ohio.

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 February 9, 2013 at 9:00 AM at Allison's Finer Diner, 11587 Upper Gilchrist Road, Mt. Vernon, Ohio****

The Mt. Vernon Amateur Radio Club

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V. President: Don Russell, W8PEN
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Arlin Bradford, KD8EVR
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Members are encouraged to send articles pertaining to Amateur Radio, with an emphasis on local activity, equipment reviews, and personal experiences to the Newsletter Editor. Articles are due on the Sunday before the first Monday of the month.

Newsletter Editor: Don Russell, W8PEN
w8pen@arrl.net
Phone: 740-397-0249

(A)ACTIVEMEMBERS- "Active" members of this Corporation shall consist of members who hold a valid Amateur Radio Operator's license and whose dues are currently paid up.

(B) ASSOCIATE MEMBERS - An "Associate" member is a member who:

- 1) though desirous of sharing the fellowship and other activities of the Corporation, does not presently hold an Amateur Radio Operator's license, or
- 2) resides outside of Knox County and is a member of another amateur radio club.

Change (B) to:

(B) ASSOCIATE MEMBERS - An "Associate" member is a member who, though desirous of sharing the fellowship and other activities of the Corporation, does not presently hold an Amateur Radio Operator's license.

Those wishing to vote on the proposed change should attend the February 2013 meeting.

MVARC

Mt. Vernon Amateur Radio Club Minutes for the Dec. 8, 2012 Meeting.



By Jeff Butz, N8SMT

Attendees:

- 1. David Byrd KD8RST
- 2. Mark Bisenius AC8FV
- 3. Scott Fields K8AEC
- 4. Steve Baughn WD8NPL
- 5. Emery Bennett W8TW
- 6. Jeff Butz N8SMT
- 7. Don Blizzard W8UMH
- 8. Don Russell W8PEN

- | | |
|----------------------|--------|
| 9. Barry Butz | N8PPF |
| 10. Connie Butz | KC8DLG |
| 11. Dick Huggins | N8RDH |
| 12. Larry Helzer DVM | AA8WP |
| 13. Jim Jennessee | KD8UT |
| 14. Tom Evans | KD8HSA |
| 15. Ann Bradford | KD8LFH |
| 16. Ray Ann Bradford | KD8NGW |
| 17. Arlin Bradford | KD8EVR |
| 18. Amy Bernicken | |
| 19. Brian Bernicken | KD8RZT |
| 20. Susie Huggins | |
| 21. Diana Bennett | |
| 22. Carolyn Blizzard | |
| 23. Ruben Clark | KB2SAI |
| 24. Mariah Clark | |
| 25. Nathan Clark | |

Expenses:
HTs for class: \$ 750.00

Balance on 1-27-13: \$ 2245.54

Designated Funds:
Year 2005 Repeater Fund: \$ 536.39
Field Day Fund: \$ 52.00
Communication Vehicle Fund: \$ 471.04

Barry Butz N8PPF

Radio-Activity



By Don Russell, W8PEN

President Bradford opened the meeting at 6:14 P.M.

President Bradford gave a brief synopsis of the club's activities during 2012.

The following members were elected to club offices as follows:

President:	Jim Jennessee, KD8UT
V. President:	Don Russell, W8PEN
Secretary:	Jeff Butz, N8SMT
Treasurer:	Barry Butz, N8PPF
Trustee:	Emery Bennett, W8TW
Trustee:	David Byrd, KD8RST

The meeting was adjourned at 6:31 P.M.

Treasurer's Report

**Feb 1, 2013
for Jan 1 to Jan 27, 2013**

Balance on 1-1-13: \$ 2920.34

Income:

Dues:	\$ 54.00
50-50:	\$ 17.00
Interest:	\$.20
Donations:	\$ 4.00

Echolink Systems Update

Those of you that were at the meeting will remember that operations of the 2 meter repeater Echolink system were handed over to me. While the prior Echolink system worked very well for years, there has been some technical issues with it for some time. I do not wish to get into those details. Suffice it to say that I have since been working on getting a new Echolink system for the 2 meter repeater up and running.

This has not been a one man show. Jim Jennessee, KD8UT, has been helping the cause by setting up an Echolink proxy. This Echolink proxy is necessary because two Echolink systems cannot be run off the same IP address created by a provider and I have been running one Echolink system for years on the KD8EVR Repeater. Eventually Arlin (KD8EVR) is going to have internet access at his repeater. This will simplify matters as then the Echolink system can be at his repeater with no RF link being needed by me. Until such time, I will be running two Echolink systems from my house. An Echolink proxy allows me to run two Echolink systems from my providers

single IP address by using the IP address of Jim's provider. It takes two computers however. One to run the proxy at Jim's house and one at my house to run the Echolink system. Users will not notice any difference. Think of the Echolink proxy simply as a repeater that relays Echolink data from my system to the rest of the world.

As of this writing, I have both the K8EEN-R and the KD8EVR-R Echolink systems running from my home. Having both systems under one roof will allow me to keep the station shortcut list up to date. Also, I will have direct control most of the time and be able to control the system by ham radio, internet, or cell phone.

The system shortcut file enable users to just key in a 3 digit touchtone sequence to connect to certain stations. All local Echolink users could have their own short cut code which would make it lots easier to connect to them than the typical connect sequence plus node number. Also, any user can request that I set up a shortcut for any Echolink repeater, link, or user that they want to contact on a regular basis. I am thinking of adding an Echolink box in the Newsletter to keep members informed of command codes and station shortcuts that they can use.

Since it has been a while, I thought I would review the operations details of the 2 meter and 70cm (440 Mhz.) Echolink systems. It is my intention to keep the command codes and station shortcuts the same for both repeaters. That way users will be able to use either system without have to learn two sets of commands.

Here are some handy codes to remember. Entering these codes from your radio keypad performs the following operations:

Code	Result
#00	Connect to a Random Node
#01	Connect to a Random Link
#03	Connect to a Random User
#*XXXX	Connect to a known Node where XXXX is the Node Number.
#	Disconnect from a Station or Node.

For clarification, the * is the star key on the keypad.

Please notice that everything begins with the # (pound) key. This is because the K8EEN-R (2 meter)

repeater blocks keypad tones unless the sequence starts with the # key. You may need to hold the # key down a bit longer to allow everything to work when using the K8EEN-R. If your command does not work the first time, try holding the # key just a bit longer (½ a second should do it).

In addition to these basic codes, there are a few station shortcut codes. When connecting to these stations, one does not have to enter the #* and Node Number. Just enter the speed key sequence:

#80	K40BX-R	Hatteras Island, N.C.
#82	KG8FV-R:	Polk, Ohio (Ashland County)
#84	W8DF-R:	Battle Creek, Michigan
#86	NX5V-L:	Springdale, Arkansas
#90	W5NWA-R	Harrison, Arkansas
#100:	KD8EVR:	KD8EVR'S Computer

I would love to add more station shortcuts to the list. If you find you have a favorite station to connect to just let me know and I can set up a station shortcut for you.

As an example, if one wishes to connect to KD8EVR, simply key in #100 on their radios keypad. Echolink will respond with: "Connecting to KD8EVR". If KD8EVR has his Echolink system turned on, Echolink will establish the connection. Then Echolink will announce the fact: "Connected!". If Arlene does not have his Echolink system turned on, the then the message "KD8EVR not found" will occur. If KD8EVR is on but there was a failed connect attempt, Echolink will respond: "Not connected -- Time out". Which means you should try a bit later.

After the connection is made, you can give KD8EVR a call just as you normally would using your radio (KD8EVR this is W8PEN). When KD8EVR answers your call you can carry on the QSO as you normally would. It is very important that the repeater courtesy beeps are paid attention to. Proper operation of Echolink relies on the observance of the courtesy beeps.

After the QSO, one needs to disconnect Echolink from the system by pressing the # (Pound) button on the keypad. Echolink will respond: "KD8EVR DISCONNECTED". If you do not get this response, please try the # key again. Remember to hold the # key down for ½ a second or so.

To connect to a random Node, Link, or User, simply key in the appropriate Code (#00, #01, or #03).

Echolink will respond with: "Connecting to XXXXX", where XXXXX is the call sign of the station being randomly connected to. One needs to wait until Echolink establishes the connection and says: "CONNECTED TO XXXX".

From here on, you may get a message from the connected station, a repeater call sign and courtesy beep, or nothing at all. Nothing at all does not mean you are not connected. It just means the sys op of that link has not set up an introduction.

Follow the above procedure and announce that you are monitoring: "This is W8PEN listening via echolink". If you receive no response, try again. If nothing happens after several tries, then disconnect using the # key as in the previous example and try another random code. This will allow Echolink to try connecting to a different random link. Think of it as calling "CQ" on the HF bands. Keep doing it until you get a response, or give up. It is fun and I have actually talked to a lot of stations around the world using the KD8EVR-R and Echolink. Just be prepared to retry several times until you are successful.

Follow all the same steps from the above examples to connect to a node that you already know. Just remember to press the #* on the keypad before entering the node number. But, be sure to enter it all in sequence without stopping: #*XXXX.

Please feel free to try the Echolink systems on the K8EEN-R or the KD8EVR-R. It is open for all to use. If anyone has any difficulties, please let me know. The Echolink is under local and remote control. I do monitor most of the time. While I cannot respond to questions when at work, I do monitor and can control a situation if need be.

Just as an after thought. If you are using your computer on Echolink and want to connect to KD8EVR-R, look for W8PEN-L in the station list. That is the link to the KD8EVR Repeater. I am hoping to change that to KD8EVR-R soon but have to talk to Arlin about it first.

See you at the February meeting.

How Do You Choose an Antenna Analyzer?



By Dan Romanchik, KB6NU

A reader recently e-mailed me:

"In the past you told me you started with the Auttek RF-1, and later moved to the Palstar ZM-30. I am finally getting around to thinking about purchasing an antenna analyzer, but I am stumped by the choices. In order of increasing purchase price this is what I've turned up:

- * Auttek RF-1 - \$139.95
- * Auttek RF-5 - \$229.95
- * Rig Expert AA-54 - \$340.00
- * Palstar ZM-30 \$399.99
- * W4RT Electronics MiniVNA \$399.99
- * Rig Expert AA-230PRO \$690.00
- * Timewave Technology TZ-900S \$899.99

"How does one decide? Where does one go to find out the differences? Other than asking a fellow ham, how does one find out which one is the best antenna analyzer without paying an arm and a leg (unless the feature(s) so purchased are deemed worth the cost)?

"Thanks! 73"

When I replied, I noted that he had actually missed several other good choices:

- * Auttek VA1 - \$199.
- * MFJ 259B - \$240.
- * YouKits FG-01 - \$250.

* Comet CAA500 – \$450.

The Autek VA1 is actually the antenna analyzer that I first purchased. The MFJ 259B is arguably the most popular antenna analyzer on the market. MFJ has several other models with different feature sets. The YouKits FG-01 is a very cute, little analyzer with a small graphical display. It is made in China and sold in the U.S. by TenTec.

So, how do you choose just one from this list? Well, I think the first thing that you have to ask yourself is how you're going to use the analyzer. If all you're going to do is to check the SWR of your HF dipoles, then buy the Autek RF-1. It's the least expensive unit, is reasonably accurate, and is small and lightweight, making it easy to use outside where your antennas are located.

If you want to do some more serious frequency analysis, then you should be looking at the W4RT miniVNA or, if you have more cash, the Timewave TZ-900s. These instruments can help you do a lot more in-depth analysis of your antenna system. The software for the miniVNA, for example, will easily plot the SWR of a multi-band vertical antenna from 3 – 33 MHz.

Some antenna analyzers do more than just SWR. For example, what sold me first on the Autek VA1 and then on the Palstar was that they also measured reactance. So, you can use the antenna analyzer as an LC meter as well. Palstar also says that you can use the ZM-3 as a low-level signal source. While I have used my Palstar to measure inductance and capacitance, I have yet to use it as a signal source.

Next, you need to consider what bands you'll be using it on. Many antenna analyzers only cover the HF bands. That's a bummer if you like operating 6m, or like to experiment with VHF/UHF antennas. A friend of mine bought the Palstar antenna analyzer after talking to the company at Dayton. At the time, they said that they were planning to come out with a model that covered 6m, as well as the HF bands.

Unfortunately, they never did come out with a 6m version, and he was sorely disappointed. He ended up buying a miniVNA instead. The miniVNA can be used up to 170 MHz right out of the box, and up to 1.5 GHz with an optional extender.

Asking your fellow hams about the antenna analyzers they have is actually a good way to figure out what's best for you. If you ask nicely, they might

even let you borrow their analyzers or come over and show you how it works on your antennas.

Reading the reviews on eHam is also a good way to gather information before making a purchase like this. You certainly have to take the reviews there with a grain of salt, but if several reviewers mention a particularly good or particularly bad feature of a product, then it's certainly something worth taking a hard look at.

If you're new to the hobby, starting out small and working your way up might be a good strategy. You could buy one of the less expensive models and get used to how they work, then sell it and make the leap to a more sophisticated unit. The way things are going, you should be able to sell your first antenna analyzer for at least 80% of what you paid for it.

The March 2012 QST contains an in-depth review of four analyzers (available online to ARRL members), including the Comet CAA-500, MFJ-266, RigExpert AA-54, and the Youkits FG-01. Each analyzer reviewed had various pluses and minuses. Even if the unit you are considering was not reviewed, the article provides a guide to the kinds of questions you should be asking as you go through the selection process.

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When he's not analyzing antennas, Dan, KB6NU blogs about amateur radio at KB6NU.Com, writes and publishes the "No-Nonsense" series of amateur radio license study guides, and just has fun with amateur radio. You can reach him by e-mail at cwgeek@kb6nu.com, @kb6nu on Twitter, or on 40m CW many evenings.



AFFILIATED CLUB NEWS



By E. Mike McCardel, KC8YLD

From the Ohio Section News, January 22, 2013

A New Year, New Beginnings, New Transitions, New Hope, New Ideas.

Many clubs are welcoming new leadership. With new leadership always come new ideas, new ideals and perhaps new anxieties. For some reason we tend to avoid change, but change can be a positive thing.

Some things can get better with change. That is why we make resolutions this time of year. To make ourselves better. I've been thinking a lot about how we can make our hobby better. We get better through cooperation, looking forward and having fun. As I meet and greet around the Ohio Section, and the country, I observe and listen to what others are doing. I find that successful clubs embrace change and try new things. Let's make this a new year of stretching ourselves to become better. I see this kind of commitment among our better clubs as I review their newsletters or when I visit their clubs and hamfests.

Some of the common things I hear are a desire to get more participation, especially for Field Day. I see clubs striving to have more fun by bringing programs to their meetings or having special events where they do cool and new things. Most importantly, I witness their desire to recruit and reach out to youth. It has occurred to me though that none of these are exclusive. In fact what activities we do, where we do them, how we do them and with whom we do them, all works together.

I want to set a state wide goal, a challenge, to every club. Let's make a conscious effort to reach out to our young folk. It takes a little change, but I

guarantee if you do, you'll have more fun than you had. The simplest way is to get back to our roots, go back to our Elmer days. We can start with 'each one reach one'. Recruiting youth is easy, start with the ones closest to us, our children, our grandchildren, our nieces and nephews, our neighbors. They idolize us, they want to be like us. Most of all the just want to be with us do what we are doing. When you think about demonstrating or Field Day start considering operating in truly public places. Get out of the Parks and into Parking Lots. Instead of setting up where people can find you, set where they can't miss you. Be prepared to follow up those dynamic presentations with a study guide and a helping hand at helping those who are interested. Be willing to take the next step.

If your demo or presentation is look but don't touch, you are doing it wrong. Be accessible, be ready to share your equipment and be prepared to the time of your lives.

Look for your Section leadership to take an active interest in your efforts as you reach out to our youth. We are here to help.

This is going to be a fun year!

Around the Ohio Section

Salem Area ARA,
Held their Election at their January. Meeting Dues are Due!

Central Ohio Radio Club, Inc.
Will hold their 43rd Annual Meeting Sunday, February 24, 2013 at the Genoa Township Hall with Potluck Dinner. At the meeting will be the election of directors, whose terms are expiring. CORC's dues have not gone up in over 30 years!

ALLIANCE ARC
Is Santa KC8ZEH? The AARC Raises \$200 for Fire Department Toy Drive! Check out www.w8lky.org for details on their Work All Stark County Award Contest which began January 1st, 2013.

Massillon ARC
Held their Annual Awards meeting January 12. New President Mike Sciarini WA8MKH is on the job. Dues are due - only \$15.00. They are welcoming ideas for meeting programs. Their New Technician Class will start this coming March 11th. Orientation meeting will be on March 4th, 2013 AT 7:00 PM at

the Senior Center.

Western Reserve ARC

Dues are Due! "Members Only" Section Added to Club WebPage Held a soldering.workshop January 12, 2013 at 9AM at ITT Tech in Y'town.

Lake County Amateur Radio Association

Held their elections January 2. Next meeting is February 6, 2013, program to be announced. Next Ham Exam will be February 2 at the Kirtland Library. They began Technician Training January 9 And I loved this blurb from their Backscatter Section of the Newsletter "420 Years Ago: Wind power is invented. In 1593, the state of Holland grants a patent on a windmill with a crankshaft."

OH-KY-IN ARS

Held their January meeting January 8. They meet at St. Bernard Municipal Building (Rec. Hall) at 120 Washington Ave. in St. Bernard (corner of Washington & Tower), on the first Tuesday of every month at 7:30PM. January Brunch Bunch at Price Hill Chili was held January 12 OH-KY-IN started CW class January 9, Keep the code alive folks!

Greater Cincinnati ARA

New President David Self, K8SSN has hit the deck running. His two major goals are increasing Hamfest attendance and Youth Recruitment. GCARA is looking for some talent within our club to put on a program during our monthly meeting. If you are a resource for one of these or some other topic or you know a resource, email dave37@k8ssn.com and they will get you in the lineup. Their next Meeting is January 23 at Maple Knoll (Breeze Manor) - Roundtable Discussion "The Next 25 Years"

Mount Vernon ARC

MVARC's new President Jim Jenness, KC8UT Next Meeting is February 11 at the Red Cross Began Technician Training January 17

Delaware ARA

Can pay their dues online. Work all Delaware County Award:

<http://www.k8es.org/html/wadco.html>

Next Meeting Wed, February 20, 7:30pm, Tri-Twp Fire, St. Rt. 37 Delaware, OH Recently renewed their Special Service Club Status

Until next month. Get Out of Meeting Mode and Have Fun!

73,

E.Mike McCardel, KC8YLD

Ohio Section Affiliated Club Coordinator

kc8yld@arrl.net

Notes from the Ohio Section Emergency Coordinator

From the Ohio Section News, January 22, 2013

Happy New Year everyone! I believe it's important to know where we have been in order to plan where we want to be. So I took the month of December to think about what was attempted and what was achieved in 2012. We had our first Statewide Simulated Emergency Test. We brought back an All Ohio ARES Conference. Team W8SGT brought back a statewide HF net. Gary NJ8BB was appointed as digital net manager and a net was put in place. Any of which could have died without your participation and support. I am taking the month of January to think of some goals for ARES in 2013. As most of you know by now, my door is always open. If you have any suggestions or comments, put it up on the ARES blog here --->

<http://www.arrl-ohio.org/SEC/blog/index.php>.

If you'd rather call me on the phone or send me an email, you're more than welcome to do so.

If you review last year's weekly Ohio SEC Notes & Stuff from either email or the Ohio Section website, you'll see we focused on FEMA Training. The primary reason for this is to meet or exceed the needs of our served agencies. Since October 2011, the Ohio Section focused on the ARES Leaders to take four free online FEMA courses and submit the proper documentation to ASEC Scott N8SX so they may be added to the training database.

This year we'll be focusing on the rank and file

volunteer. January 1st was "opening day" for the collection of FEMA training certificates or transcript from each and every volunteer in the Ohio Section. I thank the dozens of volunteers who have submitted them to ASEC Scott N8SX thus far. I know there are volunteers out there who have completed anywhere between 1 and 250 FEMA courses! I would like to recognize you for your hard work and dedication. I am asking all volunteers to submit electronic copies of your FEMA training certificates or transcript so you can be added to the training database. Feel free to contact Scott N8SX at n8sx@arrl.net should you have any questions.

~~HOT~~ The ARRL Emergency Communications Advisory Committee is asking for our help. They would like to see examples of ARES identification that are currently being used across the country. I asked for clarification and they're looking for badges like picture ID's etc. They're not looking for the ARRL name badge and membership card. While I do not have all the facts, it's conceivable the ARRL is gathering information to create an ID badge standard. I am asking amateur radio volunteers in Ohio to respond with picture ID cards (or equivalent) currently being used. I do have one small request, please carbon copy me on anything you send to Mr. Cross. This way I am in the loop and can render assistance if need be.

Here is the text all the SEC's received in email. The ARRL Emergency Communications Advisory Committee (ECAC) would like to see what kinds of badges are being used around the country for ARES (Amateur Radio Emergency Service) members. Could you please e-mail a photo or scan of what you are using to the Chairman of the ECAC, Jim Cross, WI3N. His email is WI3N@arrl.org. Thank you.

THIS JUST IN!!! The Ohio ARES/OES Digital Net has a new website! www.ohden.org. Check it out!

The Communications Unit/RACES of the Portage County Office of Homeland Security and Emergency Management (EMA) is sponsoring a local, classroom based version of the ARRL's Introduction to Emergency Communications course. The class will meet on four Saturdays in March, the 2nd and 9th, followed by the 23rd and 30th. There will be no class on March 16th, both to provide a break for the students and to enable class participants to attend the Ohio Section ARES Leadership meeting. The class will be held at the Center of Hope, 1034 West Main Street, Ravenna, and will begin at 0900 and run to 1500 with a break

for lunch on each day. Contact DEC Jim Aylward KC8PD at aylwardjim@aol.com for further information.

Just a reminder to all District Emergency Coordinators, Assistant DEC's, Emergency Coordinators, Assistant EC's, and Official Emergency Stations... The Ohio Section ARES Leadership meeting is scheduled for Saturday, March 16th from 10AM to 3PM at the State of Ohio Emergency Operations Centers. All ARES leaders are encouraged to attend.

Training. What to do first in case of emergency. From page 6 of the ARES Resources Manual. Please note this manual is a free download from <http://www.arrl.org/files/file/ARESFieldResourcesManual.pdf>

- 1) Check that you and your family are safe and secure before you respond as an ARES volunteer.
- 2) Check that your property is safe and secure before you respond as an ARES volunteer.
- 3) Monitor your assigned local ARES emergency net frequency.
- 4) Follow instructions you receive from the ARES officials in charge on your assigned frequency.
- 5) Contact your local Emergency Coordinator, or his/her designee, for further information.

As always, thank you for everything you do for amateur radio.

73,
Matthew Welch W8DEC
Ohio Section Emergency Coordinator
w8dec@arrl.net



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

Dues Schedule: \$12 regular

\$10 for second member in the same family and for those over 65 yrs. of age.

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: