

The Mt. Vernon Amateur Radio Club



March, 2013 Newsletter



Ham Radio Rocks

Meetings are held the 2nd Monday of each Month at 7:00 PM 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

Announcements and Updates

SKYWARN Training

Knox County Amateur Radio Emergency Service (ARES) in cooperation with the Knox County Emergency Management Agency will be conducting SKYWARN® Severe Weather Spotter training on March 18th beginning at 6:30 P.M. The training will be held at the Knox County Memorial Building. The training is free of charge and no preregistration is necessary.

SKYWARN® storm spotters are part of the ranks of citizens who form the Nation's first line of defense against severe weather. The class comes just after Severe Weather Awareness Week (March 3-9), so it's a great time for people to get involved. For more information on SKYWARN® visit:

<http://www.nws.noaa.gov/skywarn/> .

HASMAT Exercise

There will be a Knox LEPT Hasmat exercise on April 18, 2013. This will be a board exercise only and Amateur Radio will be involved with Knox County EC Ruben Clark, KB2SAI representing the Knox County ARES.

More information on Hasmat can be seen at:

<http://hazmatohio.com/>

The next meeting of the Mt. Vernon Amateur Radio Club will be Monday, March 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 March 9, 2013 at 9:00 AM at Allison's Finer Diner, 11587 Upper Gilchrist Road, Mt. Vernon, Ohio

Pan Ohio Hope Ride

Sponsored by the American Cancer Society, the Pan Ohio Hope Ride is a 328 mile bike ride from Cleveland to Cincinnati, Ohio. This seventh annual four day event is scheduled for July 25 through 28, 2013. The Ride is between the Society's two Hope Lodges in Ohio on a scenic tour to raise awareness for the Hope Lodges and other critical programs in the fight against cancer.

The Knox County ARES has been invited to help provide communications for this event. If interested, please contact Knox County EC Ruben Clark at 740-326-4154 or kb2sai@mvarc.net.

Technician Class

The Thursday night Tech Classes will be completed March 2, 2013 with the testing of the students.

Please be ready to welcome five new hams to the local area. If you hear new activity on the repeater please give them a call and welcome them to the exciting world of Ham Radio. Advice and direction are always welcome when done in a polite and friendly manner.

With the end of the Technician Class course, thoughts have turned to doing a General Class course and perhaps even one for Morse Code. The General Class course, if done, would be in the Fall, starting in October. A course book will be selected, which would cost between \$15 and \$25.

Any club members that would be interested in a General Class course, please contact Don Russell, 740-397-0249 or w8pen@arrl.net.

Earth Day Marathon

April 21, 2013 is the date of the annual Earth Day Challenge Half Marathon & 4-Mile Run. According to Mike McCardel, KC8YLD, there will not be a full marathon this year. This should mean that operators will be able to have an earlier exit than normal. Our club has once again been asked to help by providing communications during the event.

If you wish to help, contact Mike McCardel, 740-599-6614 or kc8yld@arrl.net.

The Mt. Vernon Amateur Radio Club

President: Jim Jennessee, KD8UT
kd8ut8@gmail.com
Phone: 740-397-0725

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W8pen@arrl.net
Phone: 740-397-0249

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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

Treasurer's Report

Mar 1, 2013
for Jan 28 to Feb 28, 2013

Balance on 1-27-13: \$ 2245.54

Income:

Dues: \$ 22.00
50-50: \$ 16.00
Interest: \$.37
Donations: \$

Expenses:

none

Balance on 2-28-13: \$ 2283.91

Designated Funds:

Year 2005 Repeater Fund: \$ 536.39
Field Day Fund: \$ 68.00
Communication Vehicle Fund: \$ 471.04

Barry Butz N8PPF

The Amateur Auxiliary and the Official Observer

By Tony Spiegel, KC8UR

Official Observers are among the most important of the ARRL appointees. Official Observers volunteer to monitor the amateur bands for part 97 rule violations. Official Observers are actually a part of the Amateur Auxiliary. The Federal Communications Commission actually created the auxiliary under the supervision of the ARRL. Section Managers and OO Coordinators provide supervision to the OO's. Official Observers are also protected by Public Law 105-19 which was signed into law effective September 16, 1997 by President Clinton. This law provides OO's protection from lawsuits filed against individuals affiliated with nonprofit entities. The OO is not the "on-the-air police" or the "frequency cop". Their main mission is to advise fellow amateurs of potential violations of amateur radio regulations and to request that they

take corrective measures. OO's sent out advisory notices with their signature and call sign. They must cite an actual rule that the recipient has allegedly violated. It should be noted that OO's do not directly contact the FCC. They send monthly reports to their respective O.O. Coordinator. Official Observers monitor the amateur bands for obscenity, indecency, profanity, false signals and malicious interference. In cases of interference, the act must be deliberate and repetitive. OO's must also be aware of the First Amendment right of free speech.

Official Observers also sent out reports to amateur radio operators who have outstanding signals or outstanding operator procedures.

To become appointed an official observer of the ARRL, one must be licensed for at least four years, be at least a Technician class or higher, be a current ARRL member and be recommended by the section manager. Then the training begins which is sponsored by the FCC Staff and the ARRL. OO's MUST demonstrate knowledge of the amateur radio rules and pass an examination before actually becoming an official observer.

KC8YLD Appointed to New Ohio Section Youth Position

During the ARRL forum held at the Mansfield Mid-Winter Hamfest on Sunday, February 17, 2013. Ohio Section Manager Frank J. Piper, K18GW announced the formation of a new program in the Ohio Section, "Youth and Educational Outreach". The goal of this program is to assist Schools, Youth Organizations, and Amateur Radio Clubs in educating our youth about Amateur Radio.

There are many programs and grants the ARRL offers to teachers and schools, which may go unnoticed simply because they are just not aware of how the science and technology of Amateur Radio can be brought into the classroom. There are many Boy/Girl Scout events which demonstrate Amateur Radio, and then the kids simply go back to their home councils, and never have the chance to research the hobby further. And, many Amateur Radio Clubs wish to develop younger members, but

simply do not know where to gather resources to start a prosperous Elmer program. That is where this new program will come in.



E. Mike McCardel, KC8YLD

The Educational Outreach program will be headed up by E. Mike McCardel, KC8YLD, who will vacate his Affiliated Club Coordinator position to assume an Assistant Section Manager (ASM), Youth and Educational Outreach appointment, heading up a team of three other Assistant Section Managers, each with a responsibility for various aspects for this program. Those new ASM positions will be:

- ASM – Radio Scouting
- ASM – Youth Outreach
- ASM – Educational Outreach

We are looking for applicants to fill these three roles. Applications should submit their qualifications to the Section Manager no later than 11:59pm local time, Thursday, February 28, 2013. After applications are submitted, selected candidates will be interviewed by E. Mike McCardel and the Section Manager. Appointments will be announced no later than March 20, 2013.

The following are job descriptions and requirements for each ASM position:

Assistant Section Manager – Scouting:

The ASM for Radio Scouting should be an active "Radio Scouter" in the Ohio Section and preferably be acquainted with the Radio Scouting activities and opportunities in both the Boy Scout and Girl Scout programs covered by the Section. As such, the ASM is preferably a registered member of either the BSA or GSUSA, or, both.

The ASM for Radio Scouting shall establish contact with all BSA and GSUSA councils in the Section in order to promote Radio Scouting activities, especially Jamboree on the Air (October) and

Thinking Day on the Air (February), as well as other operating events and opportunities throughout the year, including Council-run camps. The ASM should promote the formation of Scout Council related committees or sub-committees on Radio Scouting in which local and area Clubs become an integral part of the Council's Radio Scouting planning and activities.

The ASM for Radio Scouting shall identify as many communication resources as possible for the dissemination and promotion of Radio Scouting in the Section, including such outlets as Club newsletters, Club programs, Hamfest programs, Internet discussion groups, Nets, Scouting newsletters, local news media, etc.

The ASM for Radio Scouting shall provide regular performance measurements and reports to the Section Manager and Assistant State Manager for Education and Youth Outreach and, shall participate in discussions on how to improve Radio Scouting in the Section.

The ASM for Radio Scouting must be an ARRL Full Member, holding at least a Technician class license.

The ASM for Radio Scouting shall consult, advise and cooperate with the ASM: Youth Outreach, and the ASM: Educational Outreach under the Direction of the ASM of Youth and Educational Outreach and the Section Manager.

Recruitment of new hams and ARRL members is an integral part of the job of every ARRL appointee. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of Field Organization programs, and our abilities to serve the public.

Assistant Section Manager – Youth Outreach:

The ASM for Youth Outreach should have experience working with youth and within a youth support organization and be acquainted with Amateur Radio activities and opportunities that would be a benefit for youth organizations with whom we partnership.

The ASM for Youth Outreach shall establish contact and rapport with a variety of youth organization including, but not limited to, Big Brothers/Sisters, YMCA, YWCA, Church Groups, 4H and community youth organizations and outreaches.

The ASM for Youth Outreach should look for opportunities with these groups to promote

Amateur Radio as an educational, self-confidence building, service and family oriented activity.

The ASM for Youth Outreach should identify activities among youth groups that are compatible with the Amateur Radio service and be prepared to demonstrate to youth group leadership and administration how Amateur Radio would be a beneficial activity within their programs.

The ASM for Youth Outreach shall identify as many communication resources as possible for the dissemination and promotion of Amateur Radio among the Section's youth groups, including such outlets as Club newsletters, Club programs, Hamfest programs, Internet discussion groups, Nets, Local news media, etc.

The ASM for Youth Outreach shall provide regular performance measurements and reports to the Section Manager and Assistant Section Manager for Education and Youth Outreach, and shall participate in discussions on how to improve Youth Outreach in the Section.

The ASM for Youth Outreach must be an ARRL Full Member, holding a least a Technician class license.

The ASM for Youth Outreach shall consult, advise and cooperate with the ASM: Radio Scouting, and the ASM: Educational Outreach under the Direction of the ASM of Youth and Educational Outreach and the Section Manager.

Recruitment of new hams and ARRL members is an integral part of the job of every ARRL appointee. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of Field Organization programs, and our abilities to serve the public.

Assistant Section Manager – Educational Outreach:

ASM for Educational Outreach should be an active educator or have past experience as a teacher and be acquainted with how amateur Radio activities and opportunities would be a benefit for schools at achieving their STEM and Core curricular goals.

ASM for Educational Outreach shall establish contact and rapport with public, private and home schools as well as museums, libraries and other entities that promote and support an educational mission.

The ASM for Educational Outreach should serve as

a liaison among schools, radio clubs and operators for the purpose of identifying and educating these entities how they can best work together to promote meeting the educational goals of STEM and Core curricular activities through Amateur Radio.

The ASM for Educational Outreach shall identify as many communication resources as possible for the dissemination and promotion of the educational mission of Amateur Radio throughout the Section, including such outlets as Club newsletters, Club programs, Hamfest programs, internet discussion groups, Nets, Scouting newsletters, Local news media, etc.

The ASM for Educational Outreach shall provide regular performance measurements and reports to the Section Manager and Assistant Section Manager for youth and Educational Outreach, and shall participate in discussions on how to improve Educational Outreach in the Section.

The ASM for Educational Outreach must be an ARRL Full Member, holding at least a Technician class license.

The ASM for Educational Outreach shall consult, advise and cooperate with the ASM: Radio Scouting, and the ASM: Youth Outreach under the Direction of the ASM of Youth and Educational Outreach and the Section Manager.

Recruitment of new hams and ARRL members is an integral part of the job of every ARRL appointee. Appointees should take advantage of every opportunity to recruit a new ham or member to foster growth of Field Organization programs, and our abilities to serve the public.

We look forward to hearing from all potential applicants for these positions. This is an exciting project that the Ohio Section is undertaking. We need passionate and talented people to make this project a success.

73,
Frank J. Piper, K18GW
Ohio Section Manager

ARRL Ohio Section
Section Manager: Frank Piper, K18GW
k18gw@arrl.org

Ferretting Out Noise Sources



By Dan Romanchik, KB6NU

About three months ago, I put up a 20m antenna—an end-fed, half-wave antenna

<http://www.kb6nu.com/kb6nu-finally-builds-an-end-fed-half-wave-antenna/>.

Right off the bat, I was flummoxed by the high noise level. It was nearly S9, obliterating all but the strongest signals.

The strange thing about this noise was that I was only experiencing it on 20m, and only using this antenna. If I switched to my 40m dipole, the noise dropped back to the S1 - S2 noise level that I usually experience here. (Yes, I know. I'm really lucky to have such a low noise level here.)

It didn't really make any sense to me that this antenna would be so susceptible to noise while my other antennas weren't, but I just couldn't come up with any other explanation. I was not experiencing any noise on any of the other bands, after all. Sometimes 40m is so quiet here that I check to make sure that the antenna is connected to the radio.

As luck would have it, I stumbled upon the noise source a couple of days ago. I had taken the laptop I normally use in the shack somewhere one day last week, and when I returned it to the shack that evening, I switched the rig over to 20m before connecting the power supply back to the laptop. No noise! When I plugged the power supply into the laptop, the noise jumped up to S9 again. The problem noise source was found!

I posted about my experience to my blog and to the Ham Radio Help Group

<http://groups.yahoo.com/group/HamRadioHelpGroup/>.

Mark, K5LXP, one of the gurus on HRHG, advised me to throw the main circuit breaker in order to determine if it was something inside the house generating the noise. Bob, K0NR, commented on my blog post, "I have found that flipping off circuit breakers in my house is a good first step to try and find a noise source. Usually ticks off the family, but what the heck :-)" Either of these methods will help you determine if a noise source is inside or outside of your house.

I'm still thinking that the way my antenna is positioned may have something to do with its picking up the noise generated by the power supply. I plan to play around with the positioning of the antenna once the snow melts and see if that makes any difference. Until then, I can work 20m with the power supply disconnected and run the laptop off the battery.

So, the next question you might ask is how does the antenna work? It seems to be putting out a very good signal. One evening last week, I worked several DX stations, including 6W/HA0NAR in Senegal. It's not a beam, but I'm pretty happy with it.

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When he's not worrying about his signal-to-noise ratio, Dan, KB6NU publishes the "No-Nonsense" series of amateur radio license study guides. The latest in this series is the No-Nonsense Extra Class License Study Guide. For more information, go to KB6NU.Com or e-mail cwgeek@kb6nu.com.

OHIO HF NET and DIGITAL NET INFORMATION

W8SGT is facilitating the Ohio HF Net every Tuesday at 6PM. The net is run from the State of Ohio Emergency Operations Center in Columbus on the Ohio ARES Admin frequency 3875 kHz LSB. At, or about 6:20PM, the net switches to the alternate frequency of 7240 kHz. All are welcome to check

in. Anyone with questions or comments regarding the net should send an email to

w8sgtohio@gmail.com.

The Ohio ARES/OES Digital Emergency Net is held every Tuesday at 8PM. This net is held on 3585 kHz USB. All are welcome to check in. This net is looking for additional net control stations. Anyone interested in being a net control station is encouraged to contact the Net Manager. Anyone with questions or comments should send Net Manager Gary NJ8BB and email to nj8bb@ohden.org. Be sure to check out the new website <http://www.ohden.org/> for details.

Matt

Matthew Welch W8DEC
Ohio Section Emergency Coordinator
ARRL - The National Association for Amateur Radio™
w8dec@arrl.net
440-585-7388

AFFILIATED CLUB NEWS

Special Service Clubs Program exists to recognize those clubs who do more than usual for their communities, and Amateur Radio Special Service Clubs or SSCs are the leaders in their Amateur Radio Communities. You can recognize them as the ones who, with active training classes, a publicity program, and whose members who actively engage in technical projects and operating activities. Special Service Clubs have a more ambitious program for their clubs. They tend to engage in a host of creative ideas and activities regardless of the size of their clubs. Ohio boasts 18 Special Service Clubs. Yet, when I visit a club or read their newsletters I am struck by how so many of our clubs fit this description. I think we have clubs out there who are doing all the work of a SSC but aren't getting the recognition as such because they simply haven't filed an application.

If you judge that your club is doing a lot for its community and members feel free to review the application. You can find it at

<http://www.arrl.org/ssc-application>

Print it, review the questions, talk about it with your

membership. If you have what it takes, go back online and file an application. I suggest that you have your answers typed as text and ready to copy paste when you go online to apply.

I think Ohio should have at least 24 Special Service Clubs, maybe more.

Around the Ohio Section...

Mount Vernon ARC will be testing prospective hams and upgraders March 2. They just completed their Tech Class with five members. They have recently purchased 15 Boufang radios and mag mount antennas. These have been programmed to local frequencies and the club will be lending them to new members with an option to buy them.

The Lake Erie ARA recently heard a report on the Pan Ohio Hope (bicycle) at their January meeting this was a first-hand report by Eric Jessen, N8AUC. They meet the last Thursday of each month.

Portage County ARS held their annual "Freeze Your Acorns Off" event February 16. Held at Fred Fuller park, this is one well attended and fun event regardless of the weather. If you contacted K8BF during the event don't forget to send your QSL with a large SASE to the club call trustee: Al Atkins, KB8VJL - 12433 Chamberlain Rd. - Aurora, OH 44202 You will receive a handsome 8"x10" certificate suitable for framing. Oh, and check out their online CW course www.portcars.org/wp/?p=2031#more-2031

Massillon congratulates their Award Recipients Wade Huthmacher WD8MIU (Ham Of The Year), Ralph Bugg K8HSQ (Excellence in Photography), Terry Russ N8ATZ (Excellence in Photography), and Russ Mc Mahen N8PII (Field Operations Award). Don Finley W8DEF and Linda Finley K8MOO were recognized for their contributions in providing meals for Field Day participants and working many events and recognized their A 2nd place Ohio Section Newsletter award which was presented earlier to Gary Kline ,WC8W, for quality Editing and Publishing of the MARC FEEDBACK newsletter.

OH-KY-IN ARS is in their 53rd year of service to the tri-state area. At their February meeting Ted Morris NC8V presented "Message Handling for Fun but Not Profit -or- How I Get to Help People While Really Just Playing Radio." Ted addressed the common benefits of, and questions and misunderstandings about, "amateur radio message handling," also known as "traffic." He covered such "traffic" topics as:

- What is "message handling"?!?
- Why are messages called "traffic"??
- Why does the ARRL have such a funny name?

Cambridge ARA has published a calendar celebrating their - wait for it - 100th year as a radio club! This is a great piece of art covering equipment and people over their long tenure as a club. I bought one at the Tusco Hamfest. I don't know if they have any left, but if you contact Lyn Alfman, N8IMW she would be able to let you know.

Inter-City Radio Club of Mansfield once again put on a quality Hamfest with their Mid-Winter Hamfest. This hamfest attracts more than 2000 visitors every year. That's as much as attend the PACIFICON event which hosted last year's ARRL National Convention. Congratulations to Dan Bailey and the Hamfest team.

The Alliance ARC heard Joe Wehner, W8KNO, AKA Hiram Joe, AKA Santa, speak on Amateur Radio Awards at their February meeting. They have moved their March meeting date to March 6 to accommodate Skywarn Training scheduled for March 13.

Western Reserve ARC holds an After the Holidays party in lieu of a January meeting. The meeting had another purpose, to present Mike Austin of Warren with long range ham equipment that speaks. Austin is visually impaired and just passed his test to be a General class operator. Unfortunately, he was sick but the club had nothing but good things to say about his contributions. "He's a very, very key radio operator here in the Valley because he's, for someone whose visually impaired, he's (acted as) the Network Control Operator, he is there and he's available and this piece of equipment that we want to present him with today would extend his reach beyond just the Valley," said Vice President of the Western Reserve Amateur Radio Club, Robert Webster. The club spent about a year raising the money to buy the equipment. During the event they were visited by local TV stations.

Delaware ARA has a very unique online Newsletter. I encourage everyone to visit and see for themselves.

http://www.k8es.org/archives/2013_February/

Known for their fierce contesting they are so much more. Keep up the good work guys and gals.

Greater Cincinnati ARA, Inc. features a program on the Operations of a Flex Radio at their February

Meeting. They are participating in committee among the areas clubs. It was formed by the Presidents of the clubs in the Cincinnati area. You can follow the committees' works and local clubs at <http://www.tristatehams.org/>

Remember - Get out of Meeting Mode!

73,
E.Mike McCardel, KC8YLD
Ohio Section Affiliated Club Coordinator (interim)
kc8yld@arrl.net

Radio-Activity



By Don Russell, W8PEN

It is a pleasure to report that four out of five Tech Class students successfully passed their exam on Saturday, December 2nd. Two of the four had taken their first test the Thursday before and did not make it. Some serious studying was done leading up to the final try. Happily the second try was a success.

As you all know, our club does not give up on anyone. Therefore, classes will continue for the one future ham until he makes the grade. He is very eager to earn his license and I really believe one or two session should be enough to get him up to speed. I am positive he will make it. The bigger problem may be finding a test session close to Mt. Vernon. I did not see anything when I checked a while ago. But we will get him to one for sure.

BaoFeng UV-5R

During the January meeting the club accepted my proposal to buy fifteen BaoFeng UV-5R 136-174/400-480 MHz Dual-Band DTMF CTCSS DCS FM Ham Two Way Radios. I think we should have ordered twenty! Each Tech Class student bought one. This was the intended purpose of buying the radios to begin with. To make sure our students had a starter radio right from the start.

Since there were only five students, various club members bought into the deal. All radios are gone.

I was able to get one for a new ham from last years class. I also picked one up for myself. I apologize to those that may have missed out on this deal. Things happened very fast and the radios were gone before I knew it. The good news is that the club has recouped all the money spent on these radios. Can we do this again? Maybe in the future, but it did put a lot of pressure on Arlin, KD8EVR, as far as getting them on order and programming all the radios.

I am thinking of getting another one for myself. I like to always have two identical radios programmed exactly the same. That way when one radio runs out of battery power, I put it on charge and grab the other one. Since they are programmed exactly the same there is no confusion on how to operate it. This is an expensive way to do it when you buy from the big three (Kenwood, Icom, and Yaesu). It is a good way to do it when buying a \$50 radio though. If I do buy an extra one, I will also buy the programming cable. That way if we do this again, I can take over the programming of the radios.

By the way, those that missed out on this deal can still get the BaoFeng UV-5R for around \$50 from Amazon.com. The only thing you would be missing would be the magnetic mount mobile whip that was included in the clubs deal.

KD8EVR Repeater

During the February meeting, Arlin Bradford, KD8EVR, gave an update of his repeater system, KD8EVR-R.

The KD8EVR-repeater is on 442.100/447.100 with a PL tone of 71.9. It has been in service since October 2007.

It is located at the county's 180ft tower 17640 Coshocton Road Mt. Vernon, Ohio. The transmit antenna is a Sinclair SDd-318 16 bay omni-directional 10.2 db gain. The receive antenna is a Bluewave BME404 4 bay omni antenna mounted at 165ft.

The repeater is a Tait series 11 transmitter, receiver and 100 watt pa.

It is tied into a combiner with the Knox co American Red Cross, East Knox Schools, Mt. Vernon Schools, Knox County Highway and New Hope Industries.

It produces 100 watts at the input of the combiner and 60 watts at the output of the combiner.

It has 48 hours of battery back-up and an automatic generator that starts after 5 minutes of no ac power from AEP.

The KD8EVR repeater is part of a Northern Ohio Wide Area Repeater Link. This repeater system reaches from Mt. Vernon up to Lake Erie and beyond. Here is a list of repeaters in this linked system:

NORTHERN OHIO WIDE AREA UHF REPEATER LINKS

MT. VERNON, OHIO	442.100/+ 71.9
APPLE VALLEY, OHIO	FUTURE
MARENGO, OHIO	FUTURE
MANSFIELD, OHIO	443.075/+ 151.4
ELYRIA, OHIO	443.9875/+ 162.2
VERMILLION, OHIO	53.290/52.290 107.2
SANDUSKY, OHIO	146.805/- 110.9
GIBSONBURG, OHIO	443.1875/+ 107.2
POLK, OHIO	443.675/+ 162.2
REPUBLIC, OHIO	147.255/+ 107.2
REPUBLIC, OHIO	443.4375/+ 107.2
BERLIN HEIGHTS, OHIO	442.675/+ 162.2

Please note the frequency/split(+ or - 5 Mhz) and CTCSS in hertz.

On February 1, 2009, W8PEN connected Echolink to the repeater via a yaesu VX-1 portable.

CODES FOR ECHOLINK (KD8EVR-R Via W8PEN-L)

#00	CONNECT TO RANDOM NODE
#01	CONNECT TO A RANDOM LINK
#03	CONNECT TO RANDOM USER
#08	ECHOLINK STATUS
#09	RECONNECT TO LAST CODE
#*XXX	CONNECT TO NODE XXXX
#	DISCONNECT
#79	K8EEN REPEATER
#80	K4OBX-R HATTERAS ISLAND, NC
#82	KG8FV-R ASHLAND, OH
#84	W8DF-R BATTLE CREEK, MI
#100	KD8EVR ARLIN BRADFORD PC/IPHONE
#102	K7FED-R HENDERSON, NV

For more information on using these codes on the KD8EVR repeater or the K8EEN repeater, please see the February 2013 issue of our Club Newsletter.

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: