



The Mt. Vernon Amateur Radio Club



November, 2011 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

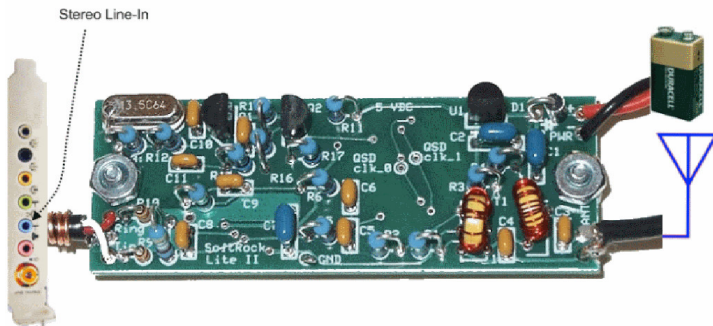
K8EEN Repeater: 146.790 Mhz (-600 Khz With PL of 71.9 Hz)
KD8EVR Repeater: 442.100 Mhz (+5Mhz With PL of 71.9 Hz)



Ham Radio Rocks!

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 Hardware Side of Software Defined Radio



Perhaps you have heard the term *Software Defined Radio* (SDR) and said “what the heck is that?” At our November club meeting I will attempt to give a brief introduction to SDR and provide the good, the bad, and the ugly details of my experience with building several projects. With a little luck (a viable antenna) I will demonstrate a couple of receivers and several flavors of SRD software. And speaking of luck, as a club fund-raiser, we will have a drawing to win a SoftRock Lite II receiver kit. I hope to see you there!

73,
Jim, KD8UT

The next meeting of the Mt. Vernon Amateur Radio Club will be Monday, November 14, 2011 at 7:00 P.M. in the Red Cross Annex Building, 300 North Mulberry Street, Mt. Vernon, Ohio. The Program for the November meeting is a presentation on Software-Defined Radios by our own Jim Jennessee, KD8UT

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 Saturday, November 12, 2011 at 9:00 AM at Allison’s Finer Diner, 11587 Upper Gilchrist Road, Mt. Vernon, Ohio

10 Meters is Hot

By Barry Butz N8PPF

Until now I have pretty much ignored the 10 meter band. Whenever I checked the band, it was totally dead. I don't think I ever made a contact until last month. Now things are different! The solar cycle has finally begun to produce some sunspots and very good propagation. Last month I participated in the CQ Worldwide contest and made nearly half of my contacts on 10 meters. They spanned all the way from Ukraine to Japan.

As I said, I haven't paid too much attention to 10 meters till now. It actually is a huge band, spanning 1.7 MHz. The CW portion is fully open to all license classes. At first glance at a frequency chart, the technician phone segment looks pretty small. Actually, at .2 MHz wide, it's the same size as the 160 and 20m phone bands, and larger than the 40m phone band. This gives plenty of room for lots of users. So this is a great chance for Technicians, as well as others, to start enjoying 10 meters.

Treasurer's Report

Nov 1, 2011
for Sep 1 to Oct 31, 2011

Balance on 9-1-11: \$ 2540.00

Income:

Dues: \$ 20.00
50-50: \$ 24.05
Interest: \$ 2.14

Expenses:

Postage: \$ 46.00

Balance on 10-31-11: \$ 2540.19

Designated Funds:

Year 2005 Repeater Fund: \$ 427.39
Field Day Fund: \$ 74.11
Communication Vehicle Fund: \$ 471.04

Dues for 2012 are now payable. Please pay by the end of the year so as not to be delinquent. Thanks.

Barry Butz N8PPF

The Mt. Vernon Amateur Radio Club

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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

Ham Radio Equipment For Sale

From Matt Sturgeon, KD8NGT:

Ryan Gibson of Westerville, OH is accepting offers for the Ham equipment from his father's estate. He has been very reasonable in my recent dealings with him so I thought that someone in the club might be interested. The equipment is as follows:

- (1) Audio-Technica Microphone - AT8410a
- (1) MJF Low Pass Filter - Model MFJ-704
- (1) Yaesu Mark-V - FT-1000MP
- (1) Astron - Model SS-30
- (1) The Hallicrafters Company - Model S-38D
- (1) I-Com HF/VHF/UHF Transceiver - IC-706MKIIG
- (1) Astatic Noise Canceller
- (1) Command Technologies - Model: HF-2500

Please contact Ryan Gibson at 614-589-9186 or email rgibson27@hotmail.com if you are interested.

You Can Enjoy Contests Even If You're Not a Contester



By Dan Romanchik, KB6NU

I often talk to guys who say that they're not contesters. Some even go so far as to say that they hate contests. I'm really not a contester, either, but I do enjoy operating them from time to time. There are several ways to enjoy amateur radio contests even if you're not a "contester."

This weekend, for example, the CQ World-Wide (CQWW) SSB DX contest was being held. As usual for

a Saturday morning, I was down at WA2HOM (www.wa2hom.org), our club station at the Ann Arbor Hands-On Museum (www.aahom.org). Now, the museum is only open from 10am - 5pm on Saturdays, so there's no way I'm going to score very highly in the contest, but I still decided to participate.

What I did was take advantage of the contest activity to add countries to our DXCC list. Over two hours of operation, I managed to make 63 contacts, including at least five new countries. The new countries that I added to our log included Iceland, Northern Ireland, Scotland, the Cayman Islands, and Madeira Island.

None of these is rare DX, but for whatever reason, we hadn't worked them before. Now, we have. In addition, some of the big contesters will travel to exotic locales and operate from places that normally have no or few ham radio operators. Contests are good opportunities to get those countries in your log.

Operating in a contest is also a good test of your radio and antennas. It's true that contest signal reports are basically meaningless, but if DX stations regularly hear you on your first or second call, then chances are your antennas are working well. If they're continually asking for repeats or never hear you at all, it's a good bet that you need to do some antenna work.

Working a contest can also improve your operating skills. In a CW contest, for example, the good ops are generally operating at 25+ words per minute. That's OK, though, because it forces you to copy that fast, and because you know what the exchange format is, you pretty much know what characters to expect. Try it sometime. You'll be surprised at how fast you can copy during a contest and how much your CW speed improves.

If none of the above reasons convince you, and you're still a bit apprehensive about jumping into one of the bigger contests, let me suggest that you try one of the smaller contests. State QSO parties, for example, are a lot more laid back than say the ARRL Sweepstakes. The CW speeds are a lot lower and the phone contacts are a lot less intense. You may even learn something about a particular state's geography. You will for sure learn a lot of county names.

It's all about having fun. And you can have fun in a contest, even if you don't have the time or the equipment to be competitive.

When not worrying about the proper county code for Goochland County, Virginia, Dan blogs about ham radio at www.kb6nu.com, teaches ham classes, and ragchews on 30m and 40m CW. You can e-mail him with comments or questions at cwgeek@kb6nu.com.

MVARC

Mt. Vernon Amateur Radio Club Minutes for the October 10, 2011 Meeting.



By Jeff Butz, N8SMT

Attendees:

- | | |
|------------------|--------|
| 1. Emery Bennett | N8OVE |
| 2. Matt Ware | KD8PSK |
| 3. Jim Jennessee | KD8UT |
| 4. Tom Evans | KD8HSA |
| 5. Mark Bisenius | AC8FV |
| 6. Larry Helzer | AA8WP |
| 7. Carl Payne | KD8QWP |
| 8. Mike McCardel | KD8YLD |
| 9. Don Russell | W8PEN |
| 10. Jeff Butz | N8SMT |

Vice President Mark Bisenius opened the meeting at 7:02 P.M.

Treasurer's Report: Barry Butz: N8PPF

No treasurer's report this month since Barry is on vacation:

Secretary's Report: Jeff Butz, N8SMT

Jeff read the minutes from the September Meeting. A motion to approve the minutes was made by Jim Jennessee, seconded by Tom Evans and approved by voice vote.

Repeater Report: Don Russell, W8PEN

Both the 2 meter and UHF repeaters are up and running fine.

Public Information Officer: Mike McCardel,

KD8YLD

Mike got the opportunity to have dinner with the Central Ohio Radio Club (CORC). He had a very enjoyable time. There were approximately 50 people in attendance.

Old Business:

Mark mentioned the First Responders Drill and wanted to thank all the members that showed up: Tom Evans, KD8HSA, Matt Ware, KD8PSK, Arlin Bradford, KD8EVR, Ruben Clark, KB2SAI, Dennis Ballengee N5LED and Patrick Valentino, KD8PSM.

New Business:

Don Russell mentioned that the Delaware Club (DELARA) won the Ohio Newsletter award and the Great Lakes Division Award for their Newsletter.

He also mentioned that our club's Post Office Box rental is due at the end of the month. It is \$46.00 for the year. He wants to pay it so we can keep the same P.O. Box number. Mike McCardel moved that we pay the bill. Jeff Butz seconded the motion and it was passed by voice vote.

Marc said we need to establish a nominating committee to develop the ballot for the club officer election. We need to have up to three members for the committee. Marc volunteered himself and Jim Jennessee volunteered.

A motion to adjourn was made by Jeff Butz and seconded by Don Russell. The motion was carried by voice vote.

The meeting was adjourned at 7:30 P.M.



Get a Free Winlink Email



By Mark Bisenius, AC8FV

Did you know that you have a free email account: YourCallSign@Winlink.org, just waiting to be activated?

This is your access to the worldwide Winlink2000 radio-email network, available only to Licensed Amateurs.

It began as a way for Hams to send and receive email over a radio, from a sailboat, yacht, or RV, where internet access is unavailable.

It consists of a star hub of five worldwide Common Message Servers (CMS), that continuously update each other over the internet. One in San Diego; Brentwood (Nashville); Halifax, Nova Scotia; Wien, Austria; and Perth, Australia.

You can continue to exchange emails with any other Amateur anywhere in the world, as long as at least one CMS server is operational, and you can both reach it through HF or VHF Radio Message Server (RMS) nodes connected to that CMS by an HF Pactor III radio bridge, or through the internet.

So it's a hybrid radio-email/internet system that's designed to withstand a multi-continent power and internet outage.

If a massive solar flare knocks out power and internet in all of North America, South America, and Europe, as long as the power is on at the CMS in Perth, those able to reach RMS nodes connected to CMS Perth by an HF Pactor III radio bridge, or through any remaining

portions of the internet, will be able to exchange emails with each other, and with any portion of the internet that is still accessible from the CMS in Perth, or from any of the RMS nodes connected to it.

So sign me up, I want to try this out for myself!

First go to Winlink.org. From the "Software" button on the taskbar at the top of the webpage, click "User Software" on the drop-down menu.

At the top of the "Client Software for Radio Email Users" webpage that loads, is a paragraph about RMS Express, a radio-email client for Windows XP and later, which is used to exchange email just like a standard email client, such as Microsoft Outlook, Thunderbird, etc.

Click on the "Winlink FTP site" link at the bottom of the paragraph. Then download "RMS Express Setup 1130.zip," or later, from the FTP menu.

To install, double-click the "RMS Express Setup" icon, and click on all the default installation prompts. (Disregard the "Unknown Publisher" security warning.)

The first time you run RMS Express, the "RMS Express Properties" window will appear. Enter your call sign in the "My Callsign:" box.

Enter your grid square in the "My Grid Square:" box, which is: EN80SJ, for downtown Mt. Vernon, Ohio. Then click the "Update" button.

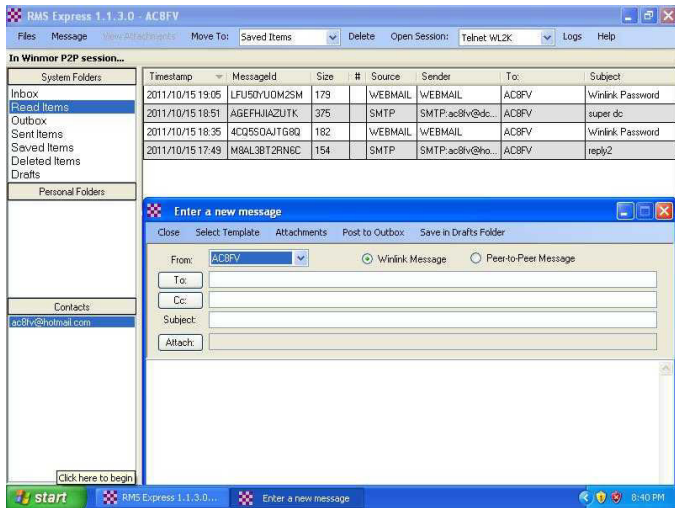
Now, click "Message," on the taskbar at the top of the RMS Express main window. Then, click "New Message," from the drop-down menu.

Go ahead and compose a new test message to send to your regular email address. When you are finished, click "Post to Outbox" on the taskbar at the top of the "Enter a new message" window.

Next, select "Telnet WL2K," in the white "Open Session:" box on the taskbar at the top of the main window. Then click "Open Session:" to open the "Telnet Winlink 2000 Session" window. Telnet connects to a CMS directly through the internet, instead of using a radio link.

Clicking "Start" on the taskbar at the top of the "Telnet Winlink 2000 Session" window, will connect to a CMS via telnet, and send all email that has been posted to the

“Outbox,” and download any email that has been received at a CMS to the “Inbox.” It will disconnect when finished.



Your email account is now activated!

Next, check your regular email account. You should have received the email from YourCallSign@Winlink.org. (It may be in your “Spam” folder because the CMS network is located in foreign countries. Now click “Reply,” and then “Send,” to send the email back to YourCallSign@Winlink.org.

Go back to RMS Express and click “Start” in the “Telnet Winlink 2000 Session” window again, to download any email received at a CMS. Then, click “Inbox” in the main window, and you should see the reply from your regular email account.

Every non Winlink email address you send email to, automatically gets put on your “Whitelist” for 400 days. Otherwise, you must manually put someone’s non Winlink email address on your “Whitelist,” to receive their emails.

However, email sent from one Winlink account to another Winlink account, will always be received.

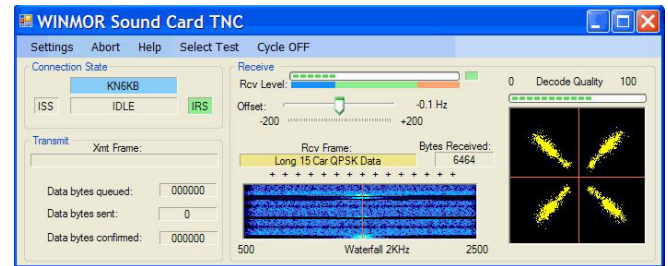
Another way for an email from a non Winlink email account to get past Winlink’s spam filters, is for that person to send you an email with the “Subject” line beginning with: //WL2K

You must log in every 400 days by telnet or radio link, to keep your account active. All unread messages are deleted after 21 days.

Most Winlink emails are transmitted over a radio link, so no profanity, indecent images, or business communications are allowed from the Winlink sender, or from the non Winlink sender.

B2F compression makes radio-email transmissions undecipherable over-the-air.

There’s a learning curve, but with an account, you’re now ready to explore. Once you get it figured out, try connecting using the various HF Pactor, VHF and Winmor RMS nodes.



Winmor is a new software TNC built into RMS Express, that uses your computer’s soundcard instead of you having to buy a \$1000 Pactor III. It’s about as fast as Pactor II. And new Winmor nodes are coming online every day.

RMS Express with Winmor will run on a netbook. Airmail is an older Winlink email client without Winmor, which will run on slower computers.

You can be notified of any new emails received in your Winlink account on any APRS enabled radio via APRSLink. APRSLink even allows you to read a short email the length of a text message sent to your Winlink account. And you can send an APRSLink text message from your APRS radio as a Winlink email, to any email address or cell phone in the world.

You can also check your email online at Winlink.org by clicking the “Webmail” button at the top of the webpage, and setting a password to enable webmail access.

Winlink can link through the D-Star network. And is evolving with the Universal Contact by Call Sign initiative, where any Ham will be able to talk to any other Ham, by call sign, on any device, anywhere.

National Traffic System (NTS) messages can be attached to, or imbedded in, Winlink emails. Delivery is automatic worldwide during an emergency, as fast as

throughput will allow. With no additional manpower required for relay, and no waiting for national, regional, or local net skeds. This conserves manpower and bandwidth in the NTS.

A Ham with Winlink connectivity can use tactical Winlink email addresses to provide served agency officials with worldwide email communications right from their own computers, using their own email client software, when their internet connection is down.

Two Hams using RMS Express can provide a peer-to-peer radio-email link, with attachments such as photos and maps, between say, an Incident Commander and an Emergency Operations Center (EOC).

The "last mile" can be thousands of miles! Providing email access when the power is out or the internet is down locally, regionally, or nationally.

MVARC

Mt. Vernon Amateur Radio Club Minutes for the Sept. 12, 2011 Meeting.



By Jeff Butz, N8SMT

Attendees:

- | | |
|-------------------------|--------|
| 1. Larry Helzer | AA8WP |
| 2. Steve Barr | KD8GRM |
| 3. Mike McCardel | KD8YLD |
| 4. Matt Ware | KD8PSK |
| 5. Tom Evans | KD8HSA |
| 6. Arlin Bradford | KD8EVR |
| 7. Ruben Clark | KB2SAI |
| 8. Mark Bisenius | AC8FV |
| 9. Patrick V. Valintino | KD8PSM |
| 10. Barry Butz | N8PPF |
| 11. Emery Bennett | N8OVE |
| 12. Dennis A. Ballengee | N5LED |
| 13. Ronda Berkshire | |
| 14. Jeff Butz | N8SMT |

President Arlin Bradford opened the meeting

at 7:06 P.M.

EC Report: Ruben Clark, KB2SAI

Ruben said we have our drill coming up this Thursday. He has been working with Arlin who is also involved with the Drill and is bringing three volunteers. Ruben also thanked Steve Barr for his service on the Sunday night nets. Steve is stepping down from this service and Ruben is looking for someone to step in his place and run the net one Sunday each month. Dennis Ballengee volunteered to take Steve's place.

Old Business:

There was a discussion about hosting a satellite communication demonstration at one or more of the local schools. Arlin said he has had some favorable preliminary discussions with some of the schools. Mike McCardel said he would be more than willing to help if he can make favorable arrangements with his employer.

New Business:

It was announced that some ham radio equipment from our members that have recently passed away is available for sale and will be listed on the Club's website.

Arlin also asked for volunteers to help remove the antennas from Jerry Walker's house at the request of Jerry's widow.

A motion to adjourn was made by Barry Butz and seconded by Mark Bisenius. The motion was carried by voice vote.

The meeting was adjourned at 8:02 P.M.

Radio Activity



By Don Russell, W8PEN

Antennas

Jeff Butz, N8SMT called me out on my article in the October Newsletter concerning the extended zepp antenna for 20 meters. Jeff claimed that the zepp

antenna was an end feed antenna use in the old days on Airships (blimps). He was right. I had the terminology wrong. After doing some research, I found out that there is no such thing as an extended zepp antenna. Well, I have not found one anyway. There is the original zepp antenna, which is end fed and there is the extended double zepp antenna, which is what I described in the October issue of the newsletter.

While researching this, I found two interest web sites that readers may be interested in.

The end fed zepp antenna:

<http://www.antennex.com/preview/archive4/Sep5/efz1.html>

And the NB6Zep antenna (modified version of my extended double zepp antenna:

<http://myplace.frontier.com/~nb6z/nb6zep.htm>

Hope readers find these two pages of interest.

Finally, a Remote Base!

Earlier this year I mention how great it would be to set up a remote base station with access via the internet. What I had in mind was to provide club members with the ability to log onto a local remote base station and work stations just like one was operating a radio right in front of him or her. This would be a great opportunity for those that do not have their own radio, have no room to put up an antenna on their property, or was just getting into the hobby and wanted to do a little bit of listening. For example, this remote base would give Technician Class hams with only VHF and UHF capabilities a chance to check out the red hot 10 meter band without buying an expensive HF rig and antenna.

If just listening, all one would need would be a computer and perhaps some earphones. If wishing to transmit, one would add a microphone to the setup.

After many months of thinking (spelled procrastinating) about how this project could become a reality, I am very close to putting all the pieces together. As I write this, I already have the receiver available online. You can listen to any band between 160 meters and 70 cm. This includes AM, FM, SSB, and CW. Currently, I do not believe digital will work, but that situation will be resolved eventually. Via the internet, you can tune through the bands, and switch operating modes. I am hoping to add transmitting capabilities to this remote

base very soon. Perhaps if things go well, I can present a program about how to get "remote base" capable for the January meeting (December's meeting will be our Christmas dinner). I hope to have several regular users of this remote base by then.

Before I begin explaining how to set up your computer to take advantage of this remote base station, just a bit of terminology needs to be revealed.

The computer that accompanies the remote base station. That is, it is hooked to the transceiver and has control over it is called the "host" computer. The computer that users will be setting up to connect to the host computer and obtain control of the remote base is called the client. There is only one host. There can be many clients. In this remote base setup, only one client can be connected to the host at a time. Simply put, only one remote operator at a time.

Setting up your computer to allow access to this remote base is actually pretty simple:

1. Install Ham Radio Deluxe software, which is free. HRD is software that allows one to control a radio with their computer. It also allows for remote operations of a station and is really easy to set up in that regard. HRD also allows one to run digital modes. As mentioned above, I am not sure how to do this by remote. I may need to add an extra soundcard to make this possible. I will figure it out.
2. Install and register Skype on your computer. Skype is a free Voip (Voice Over Internet Protocol) and is used to send full duplex audio between the remote base and the users computer. Set up takes less than ten minutes. From what I have read, Skype is the preferred method for hams to run their audio to and from a remote base.
3. Request that I put you in the host computers Skype Contact List so that you can "call" the host and start the audio feed.
4. Request a user name and password to allow you to log into the remote base. This will only be needed for those wishing to transmit. For those just listening, there will be a generic user name and Password (Guest, 1234)

Lets take this one at a time:

Install HRD

Download HRD at:

<http://www.ham-radio-deluxe.com/>

Run the program and the Install wizard will appear. Simply follow the instructions.

When starting HRD, the first screen that appears is the screen to set up your radio for rig control via HRD. Enter the following to set HRD up for connecting to the remote base:

1. Company: Yaesu
2. Radio: FT-847
3. Com Port: Remote
4. Speed: 4800
5. Check Mark DTR and RTS if not already checked.

Now click on "Connect". The Remote connect screen will appear. On the right side enter:

1. Address: 107.8.40.48
2. User Name: Guest
3. Password: 1234

Now click "Connect" again and some form of greeting will appear. Now, at the lower right:

1. Com Port: 5
2. PTT Control: Com 4

Then press okay. If things were done correctly and the remote base is online, the radio display screen will appear and you will be able to tune around a bit. With this username and password, one is only able to receive signals. No transmitting permitted here, but it gets your feet wet. The good stuff is yet to come. Connecting to the remote base will not do much good however, until we set up Skype for the audio feed. So, disconnect by simply closing the HRD program.

If you get an error message when trying to log on, either you did something wrong, or the remote base is not online. For now, we will assume that everything went smoothly and you were able to connect to the remote base. You are half way there!

Set up and Register Skype

Skype is a popular service being used by lots of remote bases. I am always leery of services like this, but Skype seems to be safe to use and I must say, performs flawlessly. You may even decide to use Skype to connect and talk to your friends using both voice and video. In this article, we will assume that your only

wish is to connect to the remote base and pass audio both ways.

Go to the Skype homepage:

<http://www.skype.com/intl/en-us/welcomeback/>

Click "Get Skype" at the top of the screen. Then download "Skype Free" on the left side of the page.

After downloading, run and install Skype on your computer. I will not go into details here. As with HRD, just follow the setup instructions and you will have Skype up and running in a few minutes.

If planning on using Skype only for using the remote base, then set yourself to be invisible by clicking "Skype" in the upper left hand corner, then select "Status", and then "Invisible". Now no one will know you are on and should not bother you. If you are going to use Skype to talk to your friends, then you will want to check something other than being invisible.

There are other privacy settings. I set the remote base to answer calls from people only in my contact list. This will keep miss-dialed Skype calls from interfering with the remote base operation. There are other options. Click "Tools" and then "Options" to set Skype up the way you want it. You can test Skype out by hi-lighting the "Echo / Sound Test Service" Be sure to have your microphone available so you can set audio levels.

Now that you have Skype installed and working, send me a request over Skype asking that you be added to the remote bases contact list. Click "Add a Contact" in the lower left screen. Another screen pops up. Enter in the Skype Name field: k8een1. Then click the add button. Yes, I am using our club call for the remote station. This will send a request for someone at the remote base Skype terminal to approve adding you to the contact list. That would be me, of course. You may wish to give me a land line (740-397-0249) or email me at w8pen@arrl.net so I know you have sent this request. This way I can approve it in a timely manner. You might also catch me on either local repeater. If in a hurry to try it out though, just give me a land line.

One thing that confused me the first time I called the remote base was just how to call a Skype number. All calls to Skype numbers are free, but they don't necessarily make it obvious how to do it. Simply hi-light "k8een1" in your contacts list. Now point your mouse to the down arrow to the right of "Call Phone" and click it. Then Click "Call Skype". Simple really.

Once you do this the first time, it will be a piece of cake. No harder than making a phone call on your cell phone. Maybe easier.

Now that you have everything set up, using the remote base is very simple:

1. Call Skype user "k8een1". When the remote base answers, you may actually hear signals or at least sounds of a short wave band (static and such).
2. Run Ham Radio Deluxe and connect to the remote as previously instructed. You should not have to repeat everything you entered the first time.
3. Now that you are connected, give the remote a test drive by tuning around a bit.
4. If I have set up the transmitter and you have permission via your own user name and password, you can try making a few contacts.

Ham Radio Deluxe works very well, but there are a few things I do not like about it. Number one on the list is that I cannot set up permissible privileges for users. So, if you have a Tech license, you would be responsible for staying within your license privileges (just as you would if you had a home station). Secondly, I would like a timer on the remote so each user would have a time limit

on operating the remote. My suggestions would be half an hour for those simply listening and one or two hours for those actually making some contacts. The intent of a timer is not to limit the use of the remote base, but simply to allow others a fair chance to use the system. If one wishes, another session could be initiated after a fair amount of time to allow other uses to log on.

For this reason, I am checking out another host and client program that will give me more control of individuals. I will be able to set transmit frequencies to reflect license class, keeping everyone safe and legal. This will allow me to protect my equipment by denying operation on any band with high SWR. I will also be able to control the time each person has available to them. Like I said, this is meant to give everyone a fair chance at operating the remote base, not keep anyone off of it.

Stay tuned to our club newsletter for updates on the remote base. I will also set up a group email so that I can keep those interesting in using the remote base informed. I am really looking forward to getting this remote base online full time.

See you at the November meeting.

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, for those over 65 yrs. of age, and for those living outside Knox County

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

Name _____ Call-Sign _____

Street _____

City _____ State _____ Zip Code _____

Phone Number _____ License Class _____

ARRL Member (Y/N) _____ E-Mail _____

Extra Donation (Optional) _____

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

If yes please enter password _____

Other Comments: