

Q-FIVER

The Official Newsletter of the OH-KY-IN Amateur Radio Society



May 5, 2015 – Club Meeting Program – How to program your handheld with Chirp Software.

Our May program was given by Ryan Williamson W1RYN who introduced our members and visitors to the program for the evening “How to program your handheld with Chirp Software”. This would appear to have been a most sought after subject based on the turnout we had. Our signup sheet showed that we had 41 individuals signed in with 4 of them being visitors. In looking over the room we easily had 50 to 60 people in attendance.

In Ryan’s program he discussed that it was better to download the program vs. using the programming disk that you can buy. Most of them are in Chinese or Japanese and are already corrupted before you even get started. He also extended the same warning out about the actual loading cables some of them don’t work either as they were a bunch of them that are counterfeit.

Ryan then demonstrated that once you get the program downloaded on to your computer just how easy it was to hook up your handheld and bring up on a spreadsheet what was already loaded currently on your handheld. Once you are at that point there are several ways to add other repeaters, simplex frequencies and even weather stations to the spreadsheet and upload the back up into your handheld.

At the end of the program Ryan was showing all that were interested the program on his computer and if I am not mistaken programmed a few handhelds. Mike Niehaus was nice enough to come over with his computer and helped me get my Baofeng B-580T programmed. What I loved was that you could download the latest Repeater Book down to the memory of your handheld! For me the word AWESOME! Comes to mind. Now I can use it as a clone and program my Alinco and Yaesu handhelds. Wish me luck I will certainly need it.

So I hope that everyone enjoyed the program and at this time I would like to give a special thanks to Ryan Williamson W1RYN for an excellent program. Nothing is more exciting for me than to schedule a program that gets that many of our members and fellow Ham operators together in one meeting.



May 20, 2015 – Club Tour of the CVG Control Tower

As you can tell we had a busy month and I am excited to talk about our road trip to the CVG Control Tower in Erlanger Ky. at the airport. We had two tour guides and a training specialist who broke us up in to 2 groups and walked us through the facility. This wasn’t just a nickel tour we arrived at 7 PM and didn’t leave until 9 PM. The guys that gave us the tour did it on their time and

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2015 Board of Directors

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OH-KY-IN Repeaters

146.670 (-) Clifton

146.625 (-) Edgewood, KY

146.925 (-) Colerain Twp

443.7625 (+5) Clifton

A CTCSS (PL) tone of 123.0 Hz is required for access to all OH-KY-IN repeaters. All repeaters also transmit a CTCSS (PL) tone of 123.0 Hz

APRS on 144.390 mHz

K8SCH-10 Edgewood WIDEn

K8SCH-9 Clifton WIDEn

For membership information, please contact Nathan Ciufu KA3MTT, 6323 Cinnamon Ridge Dr, Burlington KY 41005, (859) 586-2435 or Email membership@ohkyin.org. Renewals of Club Memberships are due by the end of March.



Permission is hereby granted to any amateur radio group to quote or reprint from this publication, if proper source credit is given, unless permission is otherwise reserved.

THE Q-FIVER is now mailed & e-mailed, it's hoped, a week before the club meeting.

Normally copy deadline is the weekend before that. Please send your submissions for THE Q-FIVER (including notice of upgrades & callsign changes) to Brian K4BRI

These may be: snail-mailed to or dropped off at 6901 Backus Drive, Alexandria KY 41001 or telephoned to (859) 635-3095 any time

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certainly didn't rush us through we received an excellent tour and any possible question that we could think of was answered.

Our tour started off with going to the Control Tower simulator. They loaded up a program and three of us got to take on the roles of the control tower operators. One was ground control and the other two were responsible for take offs. It was so fun and of course I realize that they had the controls on the rookie settings but it was nice to be able to experience their jobs first hand.

We then got to go up to the Control Tower and see it live and it was fascinating! What a view! I don't want to brag but in the 15 minutes that I was on the simulator I handle more ground traffic than the real guy did. ☺ Why you might ask? It is because Delta Airlines no longer has their HUB in Cincinnati any more. Our guide informed us that about 70% of the flights in and out of CVG is cargo and mostly at night. So if you ask yourself why it is more expensive to fly out of Cincinnati than Dayton...now you know! After reviewing

the operation and our guide's explanation of how the operation is ran we then moved downstairs to the TRACON room.

The TRACON room on this shift had 3 operators and one supervisor. One of the operators was a floater between the control tower and the TRACON room. The TRACON operators are responsible for Departures and Arrivals into the Greater Cincinnati Airport. They are responsible for a 40 mile radius around the airport before handing off or receiving incoming traffic into or out of CVG. This shift had a total of 6 operators plus one supervisor in charge of air traffic in the area.

Thanks everyone until next month 73's
Michael Sien – KD8SOH



Oh-Ky-In Life Members

John Phelps N8JTP

Kenneth E Wolf N8WYC

John W Hughes AI4DA

Karl W Kaucher KJ4KWR

Minutes of the April 7th 2015 Meeting

President Fred Schneider, K9OHE, called the meeting to order at 7:33 PM, commencing with the Pledge of Allegiance. There were 46 attendees, with several visitors including Tom Delaney, W8WTD, ARRL Great Lakes Division Vice-Director. At least two visitors noted they became recently licensed or upgraded through our recent classes.

During the Brag Session, Harry Davis, WA8LOJ, announced that he will participate in an upcoming Honor Flight. He and several other honored veterans will visit many notable sites around Washington, DC.

Robert Gulley, AK3Q, announced that *Spectrum Monitor* has now published his article about the Newcomers and Elmers Net. Since this publication reaches anyone with internet access, the article may well help boost the club's image.

Robert Louie, KD8WLV, shared about his recent article published in a professional journal in his field.

Jerry Shipp, W1SCR, reported the NVIS Antenna test was a success, with about 50 people participating or observing. That figure includes many non-club attendees. The test provided opportunities to compare the close-in performance of several different HF antenna types, under adverse infrastructure and environmental conditions. One of the visitors helped Michael Sien, KD8SOH, take pictures of the event, which turned out very well.

Harry Riggs, KM4CS, announced he is moving to Texas but will keep up his membership to stay in touch with the club and club members. He was thanked for all the help he has given to the club over his many years of membership.

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Kitty Hevener, W8TDA, noted that the week before the NVIS test, she experienced for the first time “meaningful direction-finding” while participating in our on-foot fox hunt. She was partnered with Matthew Robbins, AA9YH, who verbally gave her the map information and other documentation needed to traverse the terrain as she located several of the hidden transmitters.

Ryan Williamson, W1RYN, reported that the Flying Pig Marathon went well despite some technical snafus. Many OH-KY-IN members volunteered to support the race.

Minutes: Kitty, W8TDA, found some dates out of synch in the April Minutes which will be reconciled. Fred, K9OHE, clarified that the QRP kits he gave to past-president Gary Coffey, KB8MYC, expressed his personal gratitude for Gary’s service to the club. Brian deYoung, K4BRI, verified that the on-foot fox hunt was conducted in Mt. Airy Park, not Mt. Storm Park. There was no mobile hunt. Moved/Seconded to accept the minutes with corrections; approved.

Reports: Treasurer Brian, de Young, K4BRI, distributed copies of the monthly treasury report, which contained nothing out of the ordinary. Moved/Seconded to accept the report; Approved.

Membership: Fred, K9OHE, noted that the recent roster posted to the Reflector by Membership Chair Nathan Ciufu, KA3MTT, lists 114 members as of May 3, 2015. Fred noted visitors are welcome to sign up for club membership, or just keep attending.

Silent Keys: None reported.

Brunch Bunch: Bruce Vanselow, N8BV, announced the next venue will be the Frisch’s Bridgetown restaurant near the intersection of Harrison and Bridgetown, this upcoming Saturday.

Technical Committee: Chair Brian, K4BRI, reported that the Motorola radio at the 146.670 side died around 5:00 AM on the Sunday of the Flying Pig Marathon. Brian got a backup radio going but not fully configured. We are still having phone line issues at that location that have prevented us from replaying the taped *Amateur Radio Newslines* reports. Bruce Vanselow, N8BV, noted that the Tristate Amateur Traffic Net (TATN) operated simplex that night.

Brian is hoping to work on the 440 repeater next Tuesday.

Education: Chair Robert Gulley, AK3Q, recapped that our recent classes have concluded, with praise by and for the students and teachers.

Fox Hunts: Brian, K4BRI, reported that several new folks participated last month. This month’s mobile hunt will be this coming Saturday. Our May on-foot fox hunt will feature multiple transmitters and is slated for Dayton's Sinclair Park Hamvention Saturday. Organizers are hoping the ARRL will donate a prize for first place finishers as in they have in the past.

Tech-Talk Net: Bruce, N8BV, remarked further on the problem we have had playing the *Newslines* tapes recently. He thanked Robert, AK3Q, for *reading* the report transcript on the air for us during the Net. Bruce hopes the tapes can be played on tomorrow’s net, using a different method to provide the audio stream.

Newcomers & Elmers Net: Robert Gulley, AK3Q, noted the net switched to the 146.925 repeater which it worked fine. He said the 146.670 repeater was used for Monday’s Hamilton County Health Department Emergency Communications Net. Robert says check-ins are holding steady at 25-30 per session.

Website: While Webmaster Russ Hines, WB8ZCC, was not able to attend, Michael, KD8SOH, has sent the NVIS test pictures to Russ and we hope they will be posted soon.

QCEN: Liaison Pat Maley, KD8PAT, reported their last meeting featured a DXpedition travelogue. Their next meeting is at 8:00 PM *this* Friday, moved up to accommodate Dayton Hamvention attendees. Folks can come as early as 5:30 PM to chat and enjoy their radio shack.

Health Department Net: Liaison Bryan Hoffman, KC8EGV, reported that the Health Department’s net has been testing simplex operations during their recent monthly nets.

Hamfest: Chair Gary Coffey, KB8MYC, confirmed this year’s hamfest will be September 19, 2015, at Aiken High School. He noted that we have assembled mailings which include the Hamfest Flyer, a ticket to purchase, and a return envelope. These will be handed out to all members present, and sent to all members not attending this evening, to encourage them to support the Hamfest. Gary an-

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nounced the Hamfest now has ARRL sanction, and appears in their web event listing. Members should buy a ticket whether not they can come. Orders for more tickets should be directed to Lynn Ernst, WD8JAW.

Old Business: Harry Davis, WB8LOJ, reported that, because of insufficient interest in helping with a club booth at the Hamvention flea market, this effort has been cancelled.

New Business: Bruce, N8BV, has received our booth assignment for the July 4th Red, White and Blue Ash festival.

Bruce will be installing a packet repeater and KA-Node on 145.01, at the 146.925 site in Withamsville. It will use Bruce's equipment, but run as K8SCH.

Bruce introduced two Public Service Announcement radio spots promoting the club, which were played by Dale Vanselow, KC8HQS. These have been developed for our consideration by Chad Beach, W9GGA, for airing on the Delhi Township "Z98" FM low-power station (98.1 MHz). He would also circulate them to other area broadcast outlets for their own airplay.

(During the break, the Board convened briefly to consider approving the spots for use. Moved/Seconded; Approved.)

Programs: Vice President Michael Sien, KD8SOH, reminded us that tonight's program is on using the CHIRP software to program your radios, presented by Ryan Williamson, W1RYN.

Our next meeting, June 2, 2015, will feature Field Day planning, led by Field Day Chair Eric Neihsel, N8YC. President Fred Schneider, K9OHE, has asked Eric to give a demonstration of how to use our logging system. Michael noted we need campers or RVs for operating position shelters. Ryan, W1RYN, encouraged us to check in to the TATN (8:00 PM local time nightly, currently on 146.670). The Net will need help moving the message traffic our Field Day effort produces.

July brings our Picnic. Folks should bring a side dish to share; the club will provide meats to grill, and snacks.

On Wednesday, May 20, 2015, we will tour the Control Tower at CVG, the Cincinnati and Northern Kentucky International Airport. Several tour slots are still open, and Michael noted we have a sign-up sheet here at the meeting, or we can email him with our interest.

Other: Harry, KM4CS has brought some surplus wire to give away. Robert, AK3Q, brought several items for sale from the estate of Mike Wagoner, KB8VKS, with which he is assisting.

Split the Pot: \$48 was awarded to John Ko, KD8VCN.

After a 10 minute break, the group reconvened for the evening's program. Ryan Williamson, W1RYN, before beginning his talk on CHIRP software, asked if there were any questions remaining from his presentation last month on traffic handling. He was pleased to note that several new folks have been checking in to the TATN. Also, he emphasized that club programs can only address what the club members want to know, so we should let the Board or Robert, AK3Q, know of our interests. One example is more on working with digital modes.

Ryan described CHIRP as a Java application, based on a spreadsheet format for data entry. This lets you type in the data you want to store in the radio's memory locations, rather than trying to populate them from the radio keypad. The latest version can always be found at <http://chirp.danplanet.com>.

One of the biggest problems with programming handheld and other radios stems from the use of USB-Serial adapters based on the standard Prolific 2303 USB Serial chipset. Many of these adapters are not truly compatible with the 2303 chipset's driver software. The CHIRP website has an extensive, detailed discussion of cables, compatibility, etc., that can steer you around those problems. It also includes a list of supported radios work with CHIRP. The CHIRP site also features a very active blog, which is helpful for learning how to handle unusual features or problems of specific radios.

To start working with CHIRP, use its download feature to build an initial database file storing the configuration of your radio before any manipulations. Ryan emphasized the importance of this step several times. Of course, this step requires that your radio shows up on your computer's serial port. (If it doesn't, you may need to change adapters.) This download sends setting to CHIRP about your radio. Ryan illustrated this using a screen shot showing a basically empty entry screen, pointing out the basic fields and field structures, and defining them. For example, Memory Location (channel), Frequency, Name (for the entry, often 6 character limit), PL

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tone(s), Offset, Mode (usually “FM”), etc. Additional fields indicate how the radio should handle the specified frequency during operation. For example, “SKIP” will skip the noted frequency when the radio is set to SCAN its memory channels. “SPLIT”—if your radio offers this function—lets you do up- and downlinking to satellites. (Ryan noted there are many more features he will not be discussing, such as those specific to D-STAR. Some advanced features should be used only after carefully consulting the help file and blog entries.)

Having built a config file for your radio, with the frequencies and options set as desired, you can upload that information your radio, or into another radio of the same model—“cloning” one radio’s setup from the other’s.

Beside the usual repeater frequencies we are interested in loading into your radios, you might want to add the seven NOAA weather station frequencies. These can serve as a propagation check; since the stations using those frequencies are geographically dispersed, finding how many you can hear is an indication of how far your signal may propagate.

Ryan will put his presentation and documentation files onto his website, <http://w1ryn.me>. He also offered to remain after the meeting is adjourned, to show how the up and downloading process works with individual members’ radios.

The meeting Adjourned at 9:03 PM.

Respectfully submitted,

Ted Morris, NC8V, Secretary

Brunch Bunch

The next Brunch Bunch will be held Saturday, June 13th, at 1pm. The location for June is the Cabana on the River in Saylor Park. The Cabana is located at 7445 Forbes Road, 45233, a short distance off River Road (US 50). The Brunch Bunch has visited the Cabana several times in the past and everyone really enjoys this place.

For a look at the menu as well as directions, please go to:

www.cabanaontheriver.com

Remember that the Brunch Bunch always meets the second Saturday of every month at 1pm at a location to be announced each month. If you can't join us this month, maybe you'll be available to join us in the months ahead.

I'm always looking for suggestions on what restaurant you think might be a good place for the Brunch Bunch to visit soon.

73,Bruce, N8BV



2015 Committee Chairs and Appointments

Newcomers/Elmers Net..... Robert Gulley AK3Q
Technical CommitteeBrian DeYoung, K4BRI
ARPSC Representative.....Jerry Shipp W1SCR
Volunteer ExaminersBrian DeYoung K4BRI
QCEN Representative..... Pat Maley KD8PAT
Membership Nathan Ciufo KA3MTT
Fundraising Bruce Vanselow N8BV
Education Robert Gulley AK3Q
Repeater Control Ops Mgr Bruce Vanselow N8BV
PIOTed Morris NC8V
Librarian open

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Field Day..... Eric Neiheisel N8YC
Historian Dale Vanselow KC8HQS
Special Publications Jo Haltermon KD4PYS
Fox Hunters Dick Arnett WB4SUV
Equipment Mgr Brian Fulmer KC8FJN
WebGeezer Russ Hines WB8ZCC
Silent KeyBruce Vanselow N8BV
Tech Talk Net MgrBruce Vanselow N8BV
K8SCH QSL MgrGerry Weimer KD8ASL
TV/RFI Dick Arnett WB4SUV

Someone paid for a hamfest ticket at the May meeting but forgot to give Lynn the name associated with it—Please contact Lynn WD8JAW if you have ticket #2055 at wd8jaw@arrl.net

May Calendar

Tue June 2	7:30PM	Club Meeting at St Bernard Recreation Hall, 120 Washington Avenue. Program: Field Day
Wed June 3	9:00PM	Tech Talk, NCS Robert AK3Q
Sun June 7	7:00PM	Newcomers/Elmers Net, 146.67 146.67, Topic: Fighting RFI (Interference) —NCS Robert AK3Q
Tue June 9	6:00 PM	Technical Committee meeting—146.925 site
Wed June 10	9:00PM	Tech Talk, NCS Brian K4BRI
Sat June 13	10:00AM 1:00PM	Mobile Foxhunt—Start at Mt. Storm park in Clifton—talk-in on 146.670 Brunch Bunch at Cabana on the River—7445 Forbes Road, 45233
Sun June 14	7:00PM	Newcomers/Elmers Net, 146.67 146.67, Topic: Simple Setup Antennas —NCS Robert AK3Q
Wed June 17	9:00PM	Tech Talk, NCS Dale KC8HQS
Sat June 20	10:00 AM	On-foot ARDF style fox hunt—location to be announced
Sun June 21	7:00PM	Newcomers/Elmers Net, 146.67, Topic: Directional Antennas —NCS Robert AK3Q
Tue June 23	7:00 PM	Board of Directors meeting
Wed June 24	9:00PM	Tech Talk, NCS Brian KC8FJN
Sun June 28	7:00PM	Newcomers/Elmers Net, 146.67, Topic: QSL/QRZ/LOTW —NCS Robert AK3Q

Getting Started With Radio Propagation Part 3

By Robert Gulley AK3Q



We are looking at various propagation conditions and influences as a means of better understanding why signals do what they do, and how they get from here to there. Last time around we looked at such things as solar flares and coronal mass ejections, along with geomagnetic storm activity and the effects of these anomalies on signals.

In this edition we will look at some of the more exotic solar conditions which affect propagation, but which are in some ways the most interesting because of their rarity.

Meteor Scatter

Closely related to aurora propagation is meteor scatter, a condition where signals are bounced off the trails of meteors as they burn up in the atmosphere. The ionization trails serve to reflect RF signals and can last few seconds to several minutes. Meteor showers offer the best opportunity for using this type of propagation, and one does not need expensive equipment to work scatter signals.

As you might have guessed by now, *ionization* is the key to everything! Where there is ionization there is the possibility of propagation. And while bouncing signals off of meteor trails might seem like the stuff of science fiction, computer programs such as *WSJT* (see *Resources* below) can use digital protocols to allow fast communication between stations. VHF signals work best, and distances up to 1200 miles are common.

Scatter Propagation

One of the most interesting and unpredictable modes of propagation is RF *scatter*, which refers to how signals bounce within the atmosphere. While the term *layers* is used to describe various levels of the atmosphere, if one thinks strictly of well-defined boundaries this would not really be accurate. Unlike geological strata which usually runs in consistent layers, the atmosphere has non-linear areas where signals are reflected at steep angles and even horizontally.

Weather conditions can cause tunnels or *ducts* to form which act as channels for RF waves. Even within the individual bands themselves there may be ionization inversions which impact signal reflection.

As the term implies, *scatter* often does exactly that—it scatters the signal in many directions at once, weakening the signal as it travels. One often hears a bit of distortion as the signals are scattered because they are arriving at the radio from several directions at once. This is sometimes referred to as *multipath* reception/interference, and is common at higher VHF and UHF frequencies. When it happens in the HF range, this is usually a form of atmospheric scatter.

One such scatter mode is known as *backscatter*, where two stations normally too close to each other for contact are able to talk with one another because their signals are reflected back to them. Both stations must point their antennas in the same direction, toward an area where backscatter can occur. Typical ranges are between 60 and 2500 miles. Oceans are often used as the surface point for backscatter since it has such high reflectivity.

Backscatter can also occur across the gray line where station A transmits at a high take-off angle and station B, in the nighttime section, transmits at a lower take-off angle. This type of propagation is hard to predict, of course, but it is one of the more interesting (and exciting) oddities of propagation.

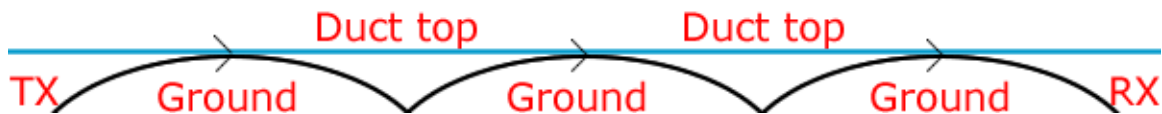
Tropospheric Propagation And Ducting

The troposphere is the lowest atmospheric layer, beginning at the ground and extending upward about 11 miles. This area contains most of the atmospheric mass and almost all of the water and other gasses. What makes this layer interesting for radio signals is that the boundary between the troposphere and stratosphere is a temperature inversion.

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How does this inversion work? Normally warmer air is nearer to the surface of the earth, and cooler air increases with height. The convection process moves air along in currents and all is well. But sometimes an inversion occurs where the air temperatures invert and warmer air acts as a cap keeping cooler air closer to the ground. This can bring about smog and thunderstorms, as well as some rather interesting radio opportunities.

The warmer cap acts as a boundary for VHF and UHF signals in such a way as to reflect signals which would otherwise shoot out into space. This RF activity is known as *ducting*. This reflective activity allows signals to travel much further than they otherwise might.



Here are some typical meteorological conditions in which ducting can occur:

1. Warm dry air over a cooler surface, especially large bodies of water
2. Surface cooling under clear skies over land
3. High pressure or an oncoming high pressure system over a cool surface
4. Fronts with a strong thermal contrast
5. In cold down-drafts associated with cumulonimbus clouds (indicated by heavy showers or thunderstorms)

Keep an eye on weather maps and on William Hepburn's website listed in *Resources* below—he has a number of very useful prediction maps for where tropospheric ducting is likely to occur.

Beacons

The last topic I want to address deals with using beacons as indicators of propagation conditions around the world. While most folks have used the time signals produced by WWV, CHU (Canada), and other countries to check HF propagation, many do not know about HF and VHF beacons which are in service 24 hours a day.

Marine vessels and aircraft have long used beacons for various purposes, but now Amateur radio operators have linked beacons world-wide to help with propagation forecasts and DX spotting. The idea is a simple one: if you can hear a beacon on a certain frequency, then you are likely to hear other stations transmitting on similar frequencies. I have provided several websites where lists of beacons may be obtained, and there are a number of individual amateurs who have web pages devoted to beacon monitoring. In fact, beacon monitoring has become something of radio sport itself, and many beacon operators love to get reception reports from around the world.

Like most of Amateur radio, supporting beacons is an act of love for the hobby—there is certainly no financial reward in it for those who spend their own money to set up such stations. Their work is their reward, and we all are the beneficiaries!

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Wrap-up

Spring and summer are ripe times for some good propagation effects. As you watch propagation banners, weather channels, and propagation sites on the Internet, you will begin to see patterns to what you hear on the air, and this will make you a better operator, but also better prepared to take advantage of some of these small “windows of opportunity.”

Don't get frustrated or feel overwhelmed-little bits of knowledge will seep in with all of your experiences, and you will find you know a lot more than you think over time. These articles are just designed to plant some seeds. Their watering and growth will come along the way!

73, Robert AK3Q

Resources

Tropospheric Ducting Resource Site

http://www.dxinfocentre.com/tropo_eur.html

Meteor Scatter Software

<http://physics.princeton.edu/pulsar/K1JT/>

Beacons Lists And Information

<http://www.keele.ac.uk/depts/por/50.htm>

<http://www.keele.ac.uk/depts/por/28.htm>

<http://www.newsvhf.com/beacons2.html>

<http://www.ncdxf.org/beacon/intro.html>

Field Day

Greetings!

The OH-KY-IN Amateur Radio Society will be proudly conducting its annual ARRL Field Day event on Saturday and Sunday, 27 and 28 June 2015 at our usual Mitchell Memorial Forest location. Setup will be on Friday, 26 Jun starting at 2pm (24 hours before actual operation). Please come on down to the park for a weekend full of amateur radio at its best! Field Day is a yearly ARRL Contest that starts at 2PM on Saturday and concludes at 2PM on Sunday. We had a another wonderful event last year and finished 1st in Ohio for the 3A classification! So this year, we will once again go forward with our same planning as the last few years, but of course, it is an open discussion. Suggestions and comments are always welcome.

We will be operating five stations:

SSB Station 1: 10,15,20,40,80M

SSB Station 2: 10,15,20,40,80M

CW Station, 20 and 40M

6 Meter/VHF/UHF Station

Digital Station

GOTA (Get on the Air Station)

Note: Beside the GOTA station, only three transmitters above can transmit simultaneously, our 3A Class.

We will also have demonstrations for our bonus points in Solar, Satellite/Digital/APRS and National Traffic System operations among others. If there is any amateur radio technology you would like to bring out to demo, this is the perfect place!

Field Day is a great annual event geared to veteran and beginner operators alike, and of all ages. Anyone, regardless of their skills are free to sign up for any station and there is always someone available to help you along. The GOTA station is a great place for those interested in amateur radio (but have not yet been licensed) to get introduced to the fun of what most often becomes a lifelong hobby!

Come out and join us for a great time of fun, food and camaraderie. The annual Field Day Picnic will start at 6pm on Saturday with burgers, metts, brats, dogs, and snacks. Please bring a side dish or a desert to help build the feast. Bring your friends and family out to see what's going on and to join us for the fun! Also, please feel free to pitch a tent Friday and/or Saturday night and stay the whole weekend if you like...a good number of us have been doing it for years. There is nothing better than the sound of QSOs through the night having a duel with the crickets!

I will have signup sheets available for all stations at the June Membership Meeting. If you would like to sign up and can't make the meeting, just contact me and I'll get you on the roster. For any comments, suggestions or information, please fell to contact me as well. I will be sending out more info soon as we continue to develop this year's event.

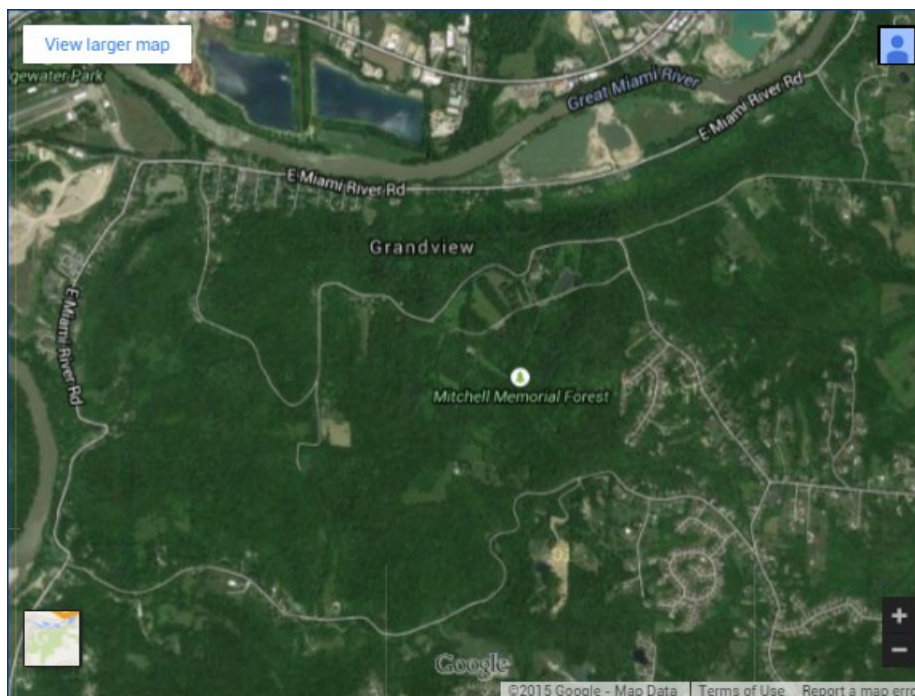
A FIELD DAY ORGANIZATIONAL MEETING is being planned for 6pm before the June Oh-Ky-In membership meeting (7:30 PM) on 3 Jun. All are welcome to attend.

Putting in an early plea in our planning is to note that every year we are always looking for campers/rvs for our Field Day stations. They make things much more comfortable and most importantly add rain and wind protection for the equipment. If you know of anyone who has a pop-up camper, RV, or any type shelter for us to use, please get in contact with me asap. As it looks now, we only have pop up tents available, so any assistance otherwise will be GREATLY appreciated.

Visit the ARRL's website for a wealth of information on Field Day at: <http://www.arrl.org/field-day>

More information will follow...GAME ON!

Thanks and see you soon!
Eric, N8YC



Foxhunting and ARDF

The June mobile hunt had the two regular hunters, Dick WB4SUV and Marji KJ4ZKC & myself. Good signals from the start, and they pointed ESE from Mt Storm. We cut across Clifton and we were thinking close to the river. Somehow we got fixated on a park, and that caused us to circle a bit—Phil was on a residential street and Dick beat us.

In June, the mobile hunt will be on June 13th starting at Mt. Storm park at 10:00 AM, setup to be before that. The on-foot ARDF style hunt will be on June 20th, location to be determined.



Three OH-KY-IN members, Brian DeYoung K4BRI, Bob Frey WA6EZV, and Dick Arnett WB4SUV had a very interactive Foxhunt Forum this year at the Dayton Hamvention with about 100 attendees. The forum featured a broad range of equipment for beginners to some recent developments in equipment for specialty purposes and the experienced foxhunters. This group has been performing this forum for approximately 25 years. On Saturday evening after Hamvention the three with help from Phil Smith KG8AP conducted a foxhunt at Sinclair Park which is near Hara Arena. There was a long enough break in the rain to hide 25 of the 34 transmitters. Participants of all ages had one hour to find as many transmitters as possible. A few additional transmitters were also placed for a blind participant Kitty Havener W8TDA to

experience 2 meter foxhunting.



DX Spots—June 2015 de KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
VK9-Lord Howe I thru 6-3 ----- 5U5U - Niger thru 6-16 ----- XT2AW - Burkina Faso Thru 6-30	1 9H3A-Malta thru 6-8 	2	3 T32AZ - East Kiribati Thru 6-8 ----- OX - Greenland thru 6-12	4	5 3A - Monaco thru 6-7 ----- 8Q7CQ-Maldives Thru 6-18	6
7	8	9	10 VP2MKV - Montserrat Thru 6-18 	11	12	13 V47JA-St Kitts & Nevis Thru 7-22
14	15	16	17	18	19	20
21 HB0-Liechtenstein Thru 6-26 	22 C6AUX - Bahamas Thru 7-6 	23	24 E6AB - Niue thru 7-4 	25 PJ5A - Saba & Saint Eustatius thru 7-5 	26 FIELD DAY WEEK-END!!!! 	27
28 OJ0V - Market Reef Thru 7-4 	29	30	31	32	33	34

The Next Oh-Ky-In Meeting to be held on Tuesday, June 2nd at 7:30 PM

OH-KY-IN Amateur Radio Society

Regular monthly meetings are held the first Tuesday of each month at 7:30PM local time at the St Bernard Recreation Hall, 120 Washington Avenue (corner Washington & Tower Aves) in St Bernard, just east of Vine St. Please come in the doors at street level, facing the high school. Visitors are ALWAYS welcome!

6/2/15 – Field Day informational program will be given by Eric Neiheisel

7/7/15 – OH-KY-IN ARS, Picnic at Ross Park in St. Bernard, OH.

OH-KY-IN Amateur Radio Society

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