

# Q-FIVER

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



## Foxhunt Report

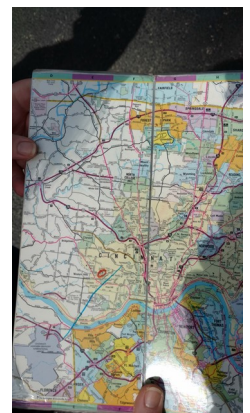
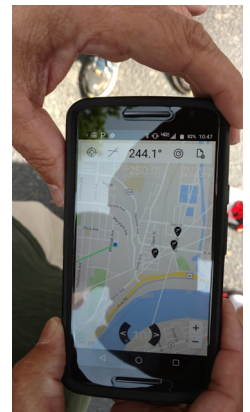
The July Mobile Foxhunt had 4 teams, and three visitors to see how we do things. The team leaders were Dick WB4SUV, Bob WA6EZV, Howard KD8WOY with Marti KD8CEI and myself and Marji. Michael KD8WFE rode with Bob, and Jane KD8UPX and Robert KD8WLV rode with Marji and I. There was a great signal at the start of about 240 degrees. We sped out of the park and had some 'interesting' jockeying for position on Central Parkway—traffic laws are optional during a foxhunt.

We went towards the river to make sure he wasn't in KY and the signal went directly west. We went up Glenway, and it turned south, so we headed that way at once. When we got near the Incline café, we got out of the car, and a footrace was on! I edged ahead of Dick, but Robert actually found Phil first.

It was a great day and it was a lot of fun. We went back to Mt Storm and did a little training with the new people.

Come out next month and give it a try—It is a great skill and fun to compete!

73— Brian, K4BRI



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Fred Schneider K9OHE..... (513) 729-0945 ..... fschneider@fuse.net

### **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

### **Packet on 145.010 mHz**

K8SCH-7 Digipeater

For membership information, please contact Nathan Ciufo KA3MTT, 6323 Cinnamon Ridge Dr, Burlington KY 41005, (859) 586-2435 or Email [membership@ohkyin.org](mailto: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



### **Oh-Ky-In Life Members**

John Phelps N8JTP

Kenneth E Wolf N8WYC

John W Hughes AI4DA

Karl W Kaucher KJ4KWR

Howard Hunt NG8P

## 2016 Committee Chairs and Appointments

**Newcomers/Elmers Net**..... Robert Gulley AK3Q  
**Technical Committee** .....Brian DeYoung, K4BRI  
**ARPSC Representative**.....Jerry Shipp W1SCR  
**Volunteer Examiners** .....Brian DeYoung K4BRI  
**QCEN Representative** ..... Pat Maley KD8PAT  
**Membership** ..... Nathan Ciufo KA3MTT  
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**Education** ..... Michael Niehaus KD8ZLB  
**Repeater Control Ops Mgr** ..... Bruce Vanselow N8BV  
**PIO** .....Ted Morris NC8V  
**Librarian** ..... Howard Alban KD8WOY

**Q-Fiver Editor** ..... Brian DeYoung, K4BRI  
**Field Day**..... Eric Neiheisel N8YC  
**Historian** ..... Dale Vanselow KC8HQS  
**Special Publications** ..... Jo Haltermon KD4PYS  
**Fox Hunters** ..... Dick Arnett WB4SUV  
**Equipment Mgr** ..... Brian Fulmer KC8FJN  
**WebMaster** ..... Ryan Williamson W1RYN  
**Silent Key** .....Bruce Vanselow N8BV  
**Tech Talk Net Mgr** .....Bruce Vanselow N8BV  
**K8SCH QSL Mgr** .....Gerry Weimer KD8ASL  
**TV/RFI** ..... Dick Arnett WB4SUV

## August Calendar

Tue Aug 2 7:30 PM Club Meeting in St Bernard - Go Kits  
 Wed Aug 3 9:00 PM Tech Talk, NCS Robert AK3Q  
 Sun Aug 7 7:00 PM Newcomers/Elmers Net, 146.67, Topic: [What Can I Do on the Air?](#) —NCS Robert AK3Q  
 Wed Aug 10 9:00 PM Tech Talk, NCS Brian K4BRI  
 Sat Aug 13 10:00 AM Mobile Foxhunt, starting at Mt. Storm park in Clifton—talk in on 146.670  
 1:00 PM Brunch Bunch at **Drew's on the River Sports Bar and Grill, 4333 River Road**  
 Sun Aug 14 7:00 PM Newcomers/Elmers Net, 146.67, Topic: [Open Forum - Q & A](#) —NCS Robert AK3Q  
 Wed Aug 17 9:00 PM Tech Talk, NCS Dale, KC8HQS  
 Sun Aug 21 7:00 PM Newcomers/Elmers Net, 146.67, Topic: [More Stealth Antenna Options](#) —NCS Robert AK3Q  
 Tue Aug 23 7:00 PM Board of Directors meeting  
 Wed Aug 24 9:00 PM Tech Talk Net, NCS George N3VQW  
 Sun Aug 28 7:00 PM Newcomers/Elmers Net, 146.67, Topic: [Fixing Common Problems](#) —NCS Robert AK3Q  
 Wed Aug 31 9:00 PM Tech Talk Net, NCS Rick KD4PYR



## Brunch Bunch

On the river again .

The next Brunch Bunch will be held **Saturday, August 13<sup>th</sup>**, at 1pm. The location for July is Drew's on the River Sports Bar and Grill located at 4333 River Road, 45204, right next to the Anderson Ferry.

Drews features an oversized, fully covered patio; a front row seat on the riverbank, perfect for watching the historic Anderson Ferry shuttle folks back and forth from state to state.

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

[www.drewsontheriver.com](http://www.drewsontheriver.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



### The Elmers Corner: Emergency Preparedness Part 2

Robert AK3Q



#### Transmitting Radios

Let's start with hand-held radios (HTs) since they are the usual first choice for local emergency work. Their strength is size, portability, and low power consumption. Their weakness is the stock. When repeaters are active in your area an HT can be one of the best choices for emergency work. When local repeaters are down, the situation can be quite different.

I am going to assume you know how to use your HT (or mobile radio) for the basics, and so will not go into that here. Several aspects of your HT radio should be second nature to you, but likely is not. First, you need to know how to quickly enter in a frequency by hand to any emergency radio in use.

Emergencies tend to be very fluid environments to say the least, and you never know when you will need to work your radio on a simplex frequency, or even when you will need to use an unfamiliar repeater. Another thing which you need to know is how to program in the settings for tones or for CTCSS/DCS codes, especially if you need to isolate some conversations from others.

You should also be familiar with writing to the radio's memory since you may need to switch back and forth between frequencies rapidly, especially if there are multiple nets going for different aspects of an emergency. If you are familiar with the *Incident Command System* (ICS) commonly implemented by emergency services around the country, then you will know there may be nets for operations, logistics, and even public relations. Or you may be in a situation where you are acting as a liaison station between two nets because of your location.

While knowing a system's memory programming steps might seem like something everyone would know, the fact is many folks set their memories and forget them (a lot like people do in day-to-day life!). Practice entering memories, deleting them, and searching them so that the radio's functions become instinctive to you.

#### Speaking Clearly

While this might seem like an odd topic for a radio group, let me assure you it is not. Speaking clearly involves not just the speech which comes out of your mouth (excited and/or loud speech is often unintelligible over the air), but also knowing where to hold the radio/microphone to get the clearest speech. While every radio is a bit different, several things are common to all radios.

First, avoid having the radio too close to your mouth. A lot of distortion can be introduced into a signal if you are right up on the microphone. It might look cool in the movies, but it does not work in real life.

HT microphones, and mobile microphones to a lesser extent, are designed to be sensitive and yet selective at the same time. Too far away and the audio is hard to copy; too close and a lot of modulation becomes garbled and very hard to copy. Every radio/microphone combination has its sweet spot, so learn where yours is for each radio in use.

Second, many HTs are now being made to withstand rain and being submerged for a few minutes, and the manufacturers have taken steps to protect the radio from water getting inside and messing up the electronics. What this means for speech is that there is often a cloth covering over the microphone hole on an HT which can reduce the audio.

While this can be an issue, I have found the problem is usually operator error in that the person either does not know where the microphone is placed on their HT, or they are holding the radio too far away from their mouth for effective pickup of the signal. Again, knowing your radio's capabilities **before** an emergency hits is the best defense.

If you are committed to emergency communications you will take these things seriously and practice regularly with your amateur equipment. It wouldn't hurt a bit to become comfortable with using your rig in the dark, since this could easily be a situation you might face.

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Finally, speaking across the microphone rather than directly into the mike may give you a much more intelligible signal. Work with a few other hams in your area whose judgment you trust, and test your setup and method of operating. Offer to do the same for them and everyone benefits.

Keep in mind when someone is in the midst of an emergency little things are forgotten, and the surroundings are likely to be noisy. Clear, calm speech properly presented into a microphone close, but not too close, can really aid communication as well as avoid precious minutes having to repeat information.

**Headsets/Speaker Microphones** While adding anything to your basic HT can complicate operation, you may want to look into adding either a speaker microphone which you can clip on your shirt (much like what police officers use), or a headset with a boom microphone. Some of these headsets work in VOX mode, while others have a transmit button located along the cord which can be placed conveniently where needed.

The biggest advantage to these accessories is that they allow you to keep receive audio close to your ear since you may be in a noisy location. They also allow you to keep your hands free until you need to transmit. While some units will work in VOX (voice activated transmission), unless you are in a location where the VOX will not be triggered by various noises, you are better off with an on/off setup, such as a foot pedal.

### **HF Radio Options**

HF radio options complicate things a bit simply because the bands you are likely to operate on require antennas which are often more complicated to deploy. NVIS (*Near Vertical Incident Skywave*) antennas are a good option for 40/80 meters, and while a compromise, hamsticks or Buddisticks are fairly easy to deploy as well.

20 meters through 10 meters is almost useless for typical local emergency operation, and 40 meters may be likewise difficult depending on the time of day and season of the year. HF signals rely on atmospheric reflection/refraction, and most signals will bounce over your intended target.

However, and I stress this strongly, if the best you can do is to get a signal out on 20 meters, do so! Others with more options/capabilities can act as relays. Many seafaring rescues have started with someone hundreds and even thousands of miles away receiving a distress call and relaying or calling in help to the local area.

The best HF antenna for local emergency work is an NVIS antenna as they are easy to deploy, easy to build, and easy to keep on hand (even in the car). Again you will have the best luck on 40- and 80-meters, but make a contact wherever you can! Here again practice and preparation will pay off. God willing we will never need to use these tools for actual emergencies, but we will be prepared!

### **Final Thoughts**

While it may seem like I am anticipating nightmare scenarios, I am really not a doom-and-gloom person. Sadly, sometimes storms (and man-made disasters) take days and even weeks to resolve, as hurricane Sandy showed us all. You never know how long it is going to take for power to be restored, or for help to come. When faced with the actual situation all you can use is what you have. While you cannot prepare for every emergency, you can certainly try to anticipate what you might need for a few days or a week of having no power or traditional means of getting a message out.

Hopefully, your preparedness will allow you the honor of helping those who are also in need, as well as your family. The better prepared you are, the greater your impact will be in the lives of others.

## The Music of Radio: Exploding the Phone

This installment in the Music of Radio series takes a detour from the relationships between radio and early electronic I've been exploring to review a wonderful book I just read: Exploding the Phone by Phil Lapsley, published by Grove Press, 2014.

Hams are the original hackers, cobbling gear together from salvaged parts together and creating the electronic nets over the airwaves. As history has shown many of the great computer innovators got their start in radio. Before the personal computer took off, before it became possible to hack networks from your own Commodore 64, phone phreaking was the fun hobby of choice for the technophiles who liked to work their way into supposedly locked systems and see how things worked. Many of those original phone phreaks were also avid hams. Unfortunately for them phreaking was illegal. Exploding the Phone tells the story of those obsessed teenagers and outlaws who explored Ma Bell's empire of wires as if it were a playground.

Though dealing with a technical subject the book has as much drive and page-turning momentum as a good spy thriller and is filled with good natured humor. It starts off with one college student's serendipitous forays into all-night dialing sessions to reach distant switch boards and inward-operators, or the phone operators who could patch you further into the network's inner system. It begins with the desire of young kids to learn about the tones that controlled Ma Bell's switching equipment and subsequent visits from police, phone security and the FBI. It then ducks back into past and gives a fascinating run down on the development of the long-distance phone network. It explores the fatal flaw not seen by the engineers who pieced the system together but allowed blind kinds who knew how to whistle 2600 Hz the ability to gain access to one of the most expensive systems of electronic equipment the world had known up to that point. From the vantage of someone who is fascinated by the inherent musicality of radio and electronics I really enjoyed the part of the book that talked about how the phone system "sang" to itself using in-band multifrequency signaling as a means to control trunks and exchanges.

Armed with this knowledge the phreaks were able to make a lot of free phone calls with their blue boxes and tone generators. For the most part they didn't use their skills for the purpose of ripping off the phone company but just for the kick they got out of seeing how many exchanges they could route a call through. They were also able to find parts of the system, such as loop-arounds, that allowed them to make conference calls with each other in a time when this was uncommon. They would also try their fingers, worn out from repetitive rotary dialing, at sending their voices racing back and forth across the U.S. tying up circuits to impress their friends with their technical prowess. This was a process known as tandem stacking. The phreaks would try to see how many tandems they could stack, just to do it. Stacking up 60 tandems puts busy signals on 60 circuits, a technique that really put a drain on the system, something Ma Bell wasn't too keen on. The phreaks thought the phone company was making a bigger deal out of it than they should, as there really weren't that many people around who knew how to do this.

Author Phil Lapsley does an excellent job in bringing out the humanity of the awkward teens who got involved in these underground activities. He shows how much of a lifeline the phone was for a number of the phreaks, particularly the blind ones like Joe Engressia and Bill Acker. These guys truly idolized the phone system and its technology, and used it as a tool in maneuvering childhoods that were in some cases quite rough. Breaking the law was just a pesky detail that had to be overlooked as they left no circuit unturned in their electronic spelunking. Despite their run-ins with the authorities a number of the phreaks eventually ended up working on the inside. Acker, whose dial tone went silent in 2015, worked for the phone company for 27 years. His career had begun by wiring up an old rotary phone to a practice CW oscillator tuned to 2600 Hz. The twilight of the phone phreaks coincides with the break-up of the AT&T monopoly. Yet even as the phone company moved on to other technologies that were prohibitive to the use of MF tones for gaining free access to the system, the phreaks themselves took to further involvements in radio and computers, some becoming heavily involved with VoIP. This book is a must read for anyone interested in networks and the history of a small underground subculture that has left its mark on the hackers busy breaking and making things in the world today.

-Justin Patrick Moore, KE8COY



**OH-KY-IN AMATEUR RADIO SOCIETY  
MINUTES OF JUNE 6, 2016, REGULAR MEETING**

The meeting was **Called to Order** at 7:30 P.M. by President Michael Sien KD8SOH, commencing with the Pledge of Allegiance. Fifty-two attendees, among them new member Matthew Simms KE8DZB, and guest Dave Lupp K8DFL.

**Health and Welfare:** Michael KD8SOH talked about his High Blood Pressure problems recently. The doctors now suspect sleep apnea may be involved and he will have a sleep study soon. George Gardei N3VQW reported that area ham Stuart Linder N8LID has been under the weather. Kitty Hevener W8TDA experienced food-related health issues but is getting better; she thanked Michael Niehaus KD8ZLB who lent a hand.

**Brag Session:** Jason Nivens, Jr. KD8ZYR passed a Scouting milestone. George N3VQW has learned to use his antenna analyzer and tried out several new antennas. Will Schram W8WDS' State Parks On The Air plans have been pushed out to 2017, but he is keeping the first of his planned events on July 7<sup>th</sup>, operating special station W8P from East Fork State Park. He has invited honored guests hospitalized veterans to picnic and participate in operations.

**Sales:** Bruce Vanselow N8BV is handling John Bennet WD8NMV's station liquidation for him. Also Bruce Coffey KB8MYC brought to the meeting a box of old art-related materials, and Librarian Howard Alban KD8WOY brought a few donated non-book items. Several folks have been donating to the Library recently, and Howard asked if we wanted any particular additional items bought. Kitty W8TDA brought an ARRL Instructor Guide that was partly written by a Silent Key friend of hers.

**Announcements:** Mike KD8ZLB asked for help covering a stretch of the Pan Ohio Hope Ride, July 21-24, sponsored by the American Cancer Society. Area volunteers are needed for the first day or two of this Cincinnati to Cleveland bicycle event. The Hamilton County portion covers about 18-20 miles.

### **Program**

Michael KD8SOH introduced Erie Neiheisel N8YC, our Field Day Chairman, to talk about our plans for the event.

Eric began by pointing out that Part 97.1 of the FCC rules stress the role Emergency Communications play in justifying an amateur radio service. The American Radio Relay League has been sponsoring Field Days since 1933, an event where we can develop our skills and inform the public of our capabilities to assist in need. Stations are set up under simulated emergency conditions, in a public place, and promote amateur radio to the public. Stations "compete" to see how many other stations they can contact who are operating under the same conditions. Every voice contact yields one point, and every CW contact yields two points. In addition, numerous "bonus points" are available for special operations and activities; Dick Arnett KB4SUV will hold a fox hunting session, we will have a "GOTA" (Get On the Air) station where visitors can learn to operate, and we will hit the social media with our message about Field Day and our part in it, and we will have a specified Safety Officer. Both elected officials and served agency representatives are invited to visit and learn about our amateur radio's role in public service.

Traditionally, OH-KY-IN operates in class 3A, which means we will have up to 3 HF transmitters on the air at one time, and we are using only emergency power. We will have two SSB stations and one CW station on the HF bands. When we run digital modes on the HF bands, one SSB station will take a break. We will also have VHF/UHF operations from 6 Meters up, but these are not counted against our three-HF-station Class allotment.

Another favorite feature is the *food*. "Chef" John Phelps N8JTP cooks breakfast Saturday morning for those staying at the site overnight Friday (everyone's welcome to stay overnight Friday and Saturday) and for those arriving to help with Saturday morning setups. Then he grills burgers, sausages, and hot dogs for our 6:00 P.M. picnic pitch-in dinner that evening. Before Midnight he fires up the grills a third time for our Midnight Steak-Out, where folks cook their own BYO steak and get John's sautéed onions, sautéed peppers, sautéed mushrooms, sautéed shrimp, and hot wings. Sunday morning brings John's breakfast for the overnight shift and next day's participants and visitors. Sunday lunch features our high-grade "left-overs."

This year, the digital, VHF/UHF and SSB#2 stations will operate from an RV using its own emergency generator. This will make for speedy transitions between SSB and HF digital modes on that station.

Eric said his focus for Field Day is "Fun," "Educational," and "Well-Fed." We don't operate Field Day to be the best Field Day entry, but we want to do *our* best. Still, we have traditionally placed highly among Ohio, Great Lakes Division, and Class 3A operations nationally. This year, Eric would like us to dedicate our Field Day effort to Jim Sullivan NG8T, a Silent Key, who was a notable OH-KY-IN Field Day mentor.



Several folks from the group then shared their memorable Field Day moments for those who've never been to one.

Eric will send out a summarizing email to recap all of the details, times, etc., of the event.

The group thanked Eric for his hard work and preparation for this year's event.

Mike KD8SOH called for a break at 8:27 P.M. and Librarian Howard Alban KD8WOY announced there were a number of books from the Library folks could browse through and check out.

### **Business Meeting**

Michael KD8SOH reconvened the meeting for our Business portion at 7:37 P.M.

**Minutes:** May Regular Meeting minutes were approved as published in the *Q-Fiver*. (KD8TPU/W8TDA)

**Membership:** As of May 23<sup>rd</sup>, we have 127 members (per report from Chair Nathan Ciufu KA3MTT).

**Treasurer:** Treasurer Brian DeYoung K4BRI reported \$453.02 receipts and \$381.99 expenses last month, and circulated copies of his May Treasurer's Report.

**Silent Keys (SK):** No silent keys reported.

**Brunch Bunch:** Bruce announced this month's gathering will be at "My Dad's Place" in St. Bernard this Saturday, June 11<sup>th</sup> at 1:00 P.M., the usual "second Saturday of the month" time.

**Technical:** Chair Brian K4BRI reported we are moving the 146.625 repeater to the East Side, tentatively on Sunday, July 3<sup>rd</sup>, at 10:00 A.M. Ground crew volunteers are needed at the Withamsville site. Brian and a contract climber will handle the tower duties.

On the 146.670 machine, the squelch tail delay has continued to be a problem. Brian is considering swapping controllers with the 440MHz repeater to see if the problem is with the radios or the controller.

He also noted requests to bring up full Fusion Analog/Digital capabilities on our new repeater equipment. He will try this first on the 146.925 system. We know there are some potential issues with ARCOM controllers locking up in this configuration, so he will be watching for any snags.

**Hamfest:** Chair Gary Coffey KB8MYC told us to be on the lookout for his email asking for volunteer signups. Before the July meeting (Club Picnic), the committee will be stuffing mailers for all members which include a ticket and payment return envelope. These will be handed out to members attending the July and August meetings, and the remainder mailed after the latter meeting.

**Education:** Chair Mike Niehaus KD8ZLB announced a 1-day Technician License course on September 10<sup>th</sup>; students will be directed to read the whole book beforehand so more time can be spent on addressing their specific questions on the material. He also announced that Fall Technician, General, and Extra Class License courses are being scheduled for Monday nights. Extra will run 10 weeks beginning on September 19<sup>th</sup>. General and Tech will begin on October 24<sup>th</sup>. Last class session for all classes is November 21<sup>st</sup>. VE license exams will be held on November 26<sup>th</sup>, the Saturday after the final class day and Thanksgiving. Contact Mike or email [classes@ohkyin.org](mailto:classes@ohkyin.org) for more information.

**Fox Hunting:** Brian K4BRI reported the next fox hunting session: June 11<sup>th</sup>, at 10:00A.M., in Mt. Storm Park. This is a return to our regular second-Saturday schedule. Participants and observers should arrive by 9:30 to help with setups. Phil Smith KG8AP will adjust the difficulty level of the foxes depending on the level of experience that day's hunters have.

**Nets:** Bruce N8BV reports the Wednesday 9:00 P.M. Tech Talk Net is seeing a slight drop in check-ins, probably due to the usual increase in competing Summer activities. He noted about 35 check-ins per evening for both this net and the Sunday 7:00 P.M. "Newcomers and Elmers Net" managed by Robert Gulley AK3Q.

**Website:** Webmaster Ryan Williamson W1RYN reported the Board is going to buy hosting services from a new vendor, and also will start using a new reflector service vendor. The new list server vendor accommodates big lists for only about \$4/month, or about \$50/year.

Ryan urged us to "follow" the OH-KY-IN Facebook and Twitter accounts. Nathan KA3MTT has arranged for the Twitter "tweets" to auto-cross to Facebook.

Ryan acknowledged he's gotten behind posting new content, but asks that we all please continue and increase our sending him content.

**Digital Group:** Convener Jerry Shipp W1SCR reported an incorrect cable had stymied efforts to get DMR running last month; Tom Delaney W8WTD and Cecil Dennis K4TCD are helping with this. The group meets the fourth Tuesday of the month at 7:00 P.M., in St. Bernard City Hall's lower level, to discuss "all things digital."

**QCEN:** Kitty Hevener W8TDA reported on their last month's program, "Service Dogs and Amateur Radio: Paws for Reflection." Also, QCEN is celebrating its 75<sup>th</sup> anniversary this year.

### Old Business:

**Sound System:** Michael KD8SOH plans to have the wireless microphone and the sound system working together for the August meeting.

### New Business:

### **Events:**

**Field Trip: Tour of Regional Operations Center:** This Thursday, June 9<sup>th</sup>, at 7:00 P.M. The ROC is located on Radcliffe Dr. Ed Frambes K8EAF is heading this up. This facility serves twelve area counties, and is the Emergency Operations Center for Hamilton County. There is a ham station in the ROC. Visitors will learn about Hamilton County Emergency Management Agency operations, events run from the ROC, how the ham station would be staffed in an emergency, and other topics.

**Red, White and Blue Ash:** Bruce N8BV says we could use more volunteers for the 5:00 P.M.-Closing time slot for our beer booth operation. This July 4<sup>th</sup> celebration is held in Summit Park in Blue Ash.

**St. Bernard 5K Fun Run:** Volunteers are needed to assist with logistics. The race starts at 9:00 A.M. on Saturday, July 2<sup>nd</sup>. Jerry W1SCR is heading up our participation and needs about ten folks in total.

### **Upcoming Programs:**

- July - OH-KY-IN Picnic, Ross Park, St. Bernard
- Aug - Ham Go-Boxes, Brian Hoffman KC8EGV; see how and share your designs
- Sep - Homebrew Projects, sharing what you've been doing/learning lately
- Oct - CHIRP Programming, Ryan Williamson W1RYN. Bring your radios.
- Nov - Winter Field Day planning, Michael Sien KD8SOH. *Also:* Election Committee introduces slate of candidates and accepts nominations for next year.
- Dec - Christmas Party. *Also:* Voting for officers and board member(s).
- Jan TBA. *Also:* Officers, Board member(s) sworn in.

We need more topic idea for 2017.

### **VE Exams:**

We will give Laurel VEC license exams June 14<sup>th</sup>, at My Neighbor's Place, 3150 Harrison Ave. (Board meeting location). Those interested in become Laurel VEs should contact Brian K4BRI. Please spread the word about this quickly approaching exam date.

**Split the Pot:** \$96.00 went to David Lupp K8DFL.

**Donated Prizes:** A hard-shell equipment case went to Andy Krew, ND8D. "Into the Ruins," a science-fiction magazine focused on climate change, went to Justin Moore KE8COY. In addition several *Survival Magazine* issues donated by Howie Hunt NG8P were still available.

The meeting **adjourned** at 9:18 P.M.

Respectfully submitted,

Ted Morris NC8V, Secretary

# August 2016 DX Spots de KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 PJ6Y - Saba & St Eustatius-thru 8-9	3	4	5 KH6 - Hawaii Thru 8-26  	6 5N - Nigeria thru 8-7 ----- 6Y6N - Jamaica Thru 8-20
7	8	9 XU7 - Cambodia Thru 8-18  	10	11	12	13
14	15	16	17 TX2AH - French Polynesia thru 8-28  	18	19 V31VP - Belize Thru 8-23 ----- CY9C - St Paul thru 8-28	20 YJ - Vanuatu thru 8-21
21 TK - Corsica thru 9-4  	22	23 JD1YBV - Ogasawara thru 8-28  	24	25	26	27
28	29 XX9TYT - Macao Thru 9-5  	30 JT - Mongolia thru 9-24  	31			

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!

## The next meeting of the Oh-Ky-In Amateur Radio Society will be Tuesday, August 2nd at 7:30 PM

**The next meeting of the Oh-Ky-In Amateur Radio Society will be about 'Go Kits'. Bring yours and show it to others, or learn more about what others have put together.**

OH-KY-IN Amateur Radio Society

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