

Q-FIVER

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



The President's Corner

Howdy Folks!

As I write this the Ohio QSO Party is winding down, and despite difficult propagation conditions (sound familiar?!) the numbers are not looking too bad. This year we partnered with QCEN operating 3 stations, and had our usual good food from Chef John to encourage a bit of socializing.

Our 2018 Hamfest is almost upon us, and this is always an exciting event. This is our 5th year after reviving the annual Hamfest, and it promises to be bigger and better than ever. Of course, it will only be bigger and better if you come! Tickets will be sold at the door instead of mailing this year, so tell a buddy, bring a friend, but don't you dare . . . er, just come on down!

Ryan AC8UJ is heading up our club's participation in the CCF Bike ride, also coming up this month (the week before Hamfest!), and he is doing a great job of organizing things – but I am sure he can still use your help, so contact him to see where you can volunteer.

And if that wasn't enough, the Cincinnati Maker Faire is coming up as well, and this is an opportunity to let people know about Amateur Radio who are already interested in science and building/making things – a perfect match! Contact Cesi KD8OOB to join us on Saturday or Sunday, the 15th and 16th and perhaps make a real difference in some young people's lives.

Oh! Yes, don't forget about our licensing classes beginning September 17th for Tech and General levels! It's not too late to sign up or to tell someone you know about the classes, and maybe even offer to go with them as an encouragement. Even if you have your license already, we can all use a refresher course! Contact Mike, KD8ZLB@gmail.com for more info.

Our September meeting will feature one of our most popular presenters, Rod Villari, talking about how to use SDR dongles for a number of different scanning purposes – can't afford (or just don't want to pay) the high cost of a digital scanner? Rod has the answer in those little \$20 dongles and free, or nearly free, software. Come on out and see what you might be missing in these little wonders!

Finally, if you are a new or relatively new ham reading this and you are hesitating about getting involved in some activities, or hesitant about coming out to a meeting, do yourself a favor and just do it! Friendly people, lots of activities to choose from, and so many ways to get your amateur radio experiences kicked into high gear!

73, Robert AK3Q

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OH-KY-IN Repeaters

146.670 (-) Clifton

146.625 *(-) Edgewood

146.925 *(-) Delhi

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

** Fusion Repeater*

APRS on 144.390 mHz

K8SCH-10 Edgewood 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. 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 R Kaucher KK4KRK

Howard Hunt NG8P

Fred Schneider K9OHE

Roger Higley W8CRK

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Steve Weeks AA8SW

2018 Committee Chairs and Appointments

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 Special Publications Jo Haltermon KD4PYS
 Fox Hunters Dick Arnett WB4SUV
 Equipment MgrFred Schneider K9OHE
 WebMaster George Gardei N3VQW
 Silent KeyBruce Vanselow N8BV
 Tech Talk Net MgrBruce Vanselow N8BV
 K8SCH QSL Mgr Bob Frey WA6EZV
 TV/RFI Dick Arnett WB4SUV
 HamFest Gary Coffey KB8MYC

The September Foxhunt will be an ARDF style on-foot hunt, held on the west side of Mt Airy Forest. Starts begin at 10AM, setup before that—talk in on 146.670-

September Calendar

Sun Sep 2	6:30 PM	Newcomers/Elmers Net, 146.67, Topic: Equipment Care and Feeding
Tue Sep 4	7:30 PM	Club Meeting in St Bernard—Topic: Using SDR Dongles for Scanning
Wed Sep 5	9:00 PM	Tech Talk, NCS Robert AK3Q
Sat Sep 8	10:00 AM	Monthly ARDF Foxhunt, west side of Mt. Airy, Setup starts at 9:30
	1:00 PM	Brunch Bunch at Deweys Pizza, 5649 Harrison Avenue
Sun Sep 9	6:30 PM	Newcomers/Elmers Net, 146.67, Topic: What is Resonance?
Tue Sep 11	7:00 PM	Board of Directors meeting at My Neighbor’s place –3150 Harrison Ave.
Wed Sep 12	9:00 PM	Tech Talk, NCS Eric N8YC
Sat Sep 15	10:00 AM	Mini Maker Faire—Hamilton County Fairgrounds
Sun Sep 16	10:00 AM	Mini Maker Faire—Hamilton County Fairgrounds
	6:30 PM	Newcomers/Elmers Net, 146.67, Topic: Programming is not just for Computer Geeks!
Mon Sep 17	7:00 PM	Technician and General Classes—Red Cross Building
Wed Sep 19	9:00 PM	Tech Talk, NCS Dale, KC8HQS
Sat Sep 22	8:00 AM	Hamfest at Aiken High School, Setup begins at 6:00AM
Sun Sep 23	6:30 PM	Newcomers/Elmers Net, 146.67, Topic: Opportunities to Expand in Radio
Mon Sep 24	7:00 PM	Technician and General Classes—Red Cross Building
Wed Sep 26	9:00 PM	Tech Talk, NCS George N3VQW
Sun Sep 30	6:30 PM	Newcomers/Elmers Net, 146.67, Topic: Revisiting Radio Astronomy

Minutes of August 2018 Member Meeting

The meeting was called to order at 7:32 PM by Robert AK3Q with the Pledge of Allegiance.

Guests: None

Self Introductions: 40

New Licenses or Upgrades: None

Health and Welfare:

- Harry WA8LOJ, who had a bad fall a while back, is completing his rehab at home and is bored and wants some company!
- George Dye N8FFV, a past member of OH-KY-IN, passed away recently from his injuries sustained in a house fire.

Brag Sessions:

- George N3VQW is down to 345 lbs from 380 lbs.
- Jerry W1SCR welcomed his 5th grandchild, Johnny Jr., into the world!
- Steve AA8SW is number 130 on the International Grid Chase and recently logged his 7,000 QSO.
- David NU8H had a QSO with Indonesia on 20m using FT8.
- Kitty W8TDA worked all 13 colonies and the bonus WM3PEN station for the 13 Colonies Special Event.

Prior Meeting Minutes: George N3VQW had a correction, but could not remember what it was.

Membership: 134, but it might be higher as that's an old number.

Treasurer: Brian K4BRI submitted the July's Treasurer's Report and it has been filed for audit.

Silent Keys: None

Tech Operations: Eric N8YC reported the new Henry Amp was installed at the 625 repeater, which revealed that it is need of new cables. Its new Arcom Controller is also having issues.

Fox Hunts and ARDF

- Brian K4BRI reported July's on-foot, ARDF-style foxhunt was at Harbin Park in Fairfield. Lots of new people showed up. The course was laid out with some easier foxes for new hunters and some tough ones for the veterans.
- August's hunt will mobile on Saturday, August 11th at 10:00 AM at Mount Storm Park. Setup is at 9:30. There will be equipment to borrow or you can ride along with a veteran.

Nets

- Bruce N8BV reported that Eric N8YC will be net control for Tech Talk on Wednesday. The check-ins totals have been jumping around due to summer. Special thanks to Robert AK3Q for providing Amateur Radio Newsline and Amateur News Weekly on Independence Day.

- Bruce N8BV also informed us that the next Brunch Bunch will be Saturday, August 11th at 1:00 PM at the Frisch's at 5202 Dehli Pike in Delhi.
- Robert AK3Q reported the Newcomers and Elmers Net is held on Sundays at 6:30 PM. Attendance has been strong with 40 or so check-ins. Last week's topic was Apps for Android and Apple.

Old Business

- Ryan AC8UJ is looking for volunteers for the Cystic Fibrosis Cycle for Life on Sunday, September 15th. The ride starts at 8:00 AM and operators need to be in position by 7:15 AM/7:30 AM. If this is your first time operating such an event, you can get paired up with someone to help you out. You can email Ryan at ac8uj@arrl.net.
- Michael KD8SOH told the club that the Ohio QSO party is coming up on Saturday, August 25th from noon to midnight. This year, we will be teaming up with QCEN and operating in the EOC category using SSB and CW. The location will be the Cincinnati Red Cross, 2111 Dana Ave., Cincinnati, OH 45207. Chef John N8JTP and Robert AK3Q will be cooking up some tacos and chili. Steve N8TFD told us the gauntlet has been thrown down and between QCEN and OH-KY-IN, we will dominate the EOC category!
- Mike KD8ZLB has scheduled the fall licensing classes. The classes will run for five weeks starting on Monday, September 17th at 7:00 PM with the Tech class running until 10:00 PM and the General class running until 9:00 PM. License testing will be held on Saturday, October 20th at 9:00 AM at Saint Bernard's Centennial Hall. Due to the recent Technician question pool change, the club will be buying the instructors new ARRL Tech License books. We already have five people signed up for classes including someone commuting from Fort Wayne, IN!
- Website: Rocky KE8DZS is updating it as we speak. Eric N8YC wants the Field Day photos updated, so send them to Rocky and he'll get them up there. He is also working on a YouTube channel to host our Field Day videos. Please submit them as well.
- Jerry W1SCR reported a sparse turnout for the July Digital Group meeting. It ended up being more social with discussion mostly centered around radio related topics. They meet on the 4th Tuesday of the month in St Bernard's Centennial Hall, 110 Washington Ave., St Bernard, OH 45217 at 7:00 PM.
- Pat KD8PAT told us there is no QCEN meeting for August, but to please come out and operate with them for the Ohio QSO party.
- Cesi KD8OOB reported the club's application for a booth at this year's Cincinnati Mini Maker Faire has been accepted. We need volunteers to man the booth. We will have two tables in our booth. The event is on Saturday, September 15th and Sunday, September 16th at the Hamilton County Fair Grounds. Anyone interested in participating, please contact Cesi at kd8oob@gmail.com.
- Bryan KC8EGV reported that ARES has been busy with operating events with more coming up including Riverfest and the Black Family Reunion.
- Our Hamfest is coming up. It will be on Saturday, September 22nd at Aiken High School in College Hill. We need volunteers. There is a sign-up sheet being passed around for setup, working the door, ticket sales, etc. It looks like DX Engineering might be participating as well as Yaesu with a forum.
- Eric N8YC is soliciting comments about this past Field Day. He feels it went well and was one of the best. Send him suggestions, comments, questions and stories. We will continue to increase emphasis on digital modes for next year and continue to operate 3A as that is our sweet spot. The packet has been submitted and now we wait for the official points this winter. A special thanks to Chef John N8JTP for all the great food and making sure the surprise Midnight Steak Out appetizer of escargot was a success!

New Business: None

The meeting was recessed at 8:09 PM and resumed at 8:26 PM

Program: Robert AK3Q presented on logging programs and websites, especially Logbook of the World. Thanks!

Split the Pot: The pot held \$190 with \$95 going to Eric N8YC.

The meeting was adjourned at 9:14 PM.

Respectfully submitted, Cesi DiBenedetto KD8OOB, Secretary.



This is a promo interview we did for the upcoming hamfest as well as promoting amateur radio in general. Justin (KE8COY) is hosting an Saturday afternoon radio show on WAIF FM 88.3 and invited Gary KB8MYC, Bryan KC8EGV, and Robert AK3Q to talk amateur radio interspersed with music made from shortwave radio sounds - rather cool!

ARES and EmComm Notes: August 2018

Ready. S.E.T. Go: Hamilton County ARES seeks local community agencies for joint exercise in this year's Simulated Emergency Test.

Local community service agencies in Hamilton County, such as CERT groups, are being asked to provide damage assessment reports after a simulated severe weather incident. The agency is free to make their part of the exercise as 'real' or simulated as they choose. The goal is to generate data for ARES operators to pass on as radio traffic to the county EMA. If the group is not able to make a physical count, a simulated count can be made. ARES will provide an operator, hopefully with Winlink capability, to CERT or other agency in order to collect and transmit data to the ROC radio room.

The exercise will take place on Saturday, October 6, 2018. Exact times to be determined.

If you are part of such a group or know of such a group that would be interested in participating please contact Bryan Hoffman, KC8EGV, the Hamilton County Emergency Coordinator, ARES at: KC8EGV@KC8EGV.com

The Music of Radio: KF5ONO Joins Kraftwerk for Spacelab Jam

by Justin Patrick Moore, KE8COY

Last month I voyaged into the deep space and place between the stars that comprised Dark Matter. This month I continue to hang out in space, but much closer to the pale blue dot that is our earth, listening to sounds transmitted from the International Space Station to our planet during a recent Kraftwerk concert.

Fellow ham, astronaut, and part-time electronic musician Alexander Gerst, KF5ONO, launched for his second tour to the ISS on Soyuz MS-09 on June 6, 2018. He is part of Expedition 56/57 and is commander of the ISS for the 57 portion. For his trip he has brought a robot assistant named, CIMON or Crew Interactive Mobile companion. The AI robot is in the shape of a head and was developed by Airbus and IBM with funding from the German Aerospace center. Modeled on the “flying brain” character Professor Simon Wright character from the anime series Captain Future, Cimun runs on Ubuntu.

Besides bringing up an AI robot to help with operations on the ISS, KF5ONO has helped make a number of educational contacts as part of the ARISS program. And only a few months into this most recent deployment he got to jam with krautrock favorites Kraftwerk when they performed at Stuttgart’s Jazz Open Festival. Broadcast live on a video call to a screen on the stage he was able to play with the band from his remote location hundreds of miles above the planet.

He greeted the concertgoers, first with the memorable bars used to communicate with extraterrestrials from *Close Encounters of the Third Kind* before saying “Good evening Kraftwerk! Good evening Stuttgart! I am one of only six people in space, on the outpost of humanity, the International Space Station (ISS), 400 kilometers above sea level.”

Gerst joined them for the last song of their set. It was a rendition of the classic song “Spacelab” from the 1978 album *The Man-Machine*. The song includes a rhythmic pulse over the repetitive singing of “Spacelab” through a vocoder. Kraftwerk had used the vocoder before on their hit *Autobahn*. (Digital vocoder software is currently being used in popular DMR radios, a subject covered here before.) Gerst used a tablet computer with digital synth to play along, but before he did so he tied in the space-station to Kraftwerk’s idea of Man-Machines.

“The ISS is a Man-Machine, the most complex and valuable machine humankind has ever built,” he continued. “Here in the European Columbus Laboratory, the successor to the Spacelab, the European Space Agency (ESA) is researching things that will improve daily life on Earth. More than 100 different nations work together peacefully here and achieve things that a single nation could never achieve. We are developing technologies onboard the ISS to grow beyond our current horizons and prepare to take further species into spaces, to the Moon and Mars.”



HamFest!

Once again the **OH-KY-IN Amateur Radio Society** would like to invite you to our 5th annual **Hamfest!** Come on by for the fun, fellowship, flea market and radio related activities and prizes. Be prepared to swap and shop until you drop! This may be your very last chance to pick up that very special and very rare whatchamacallit that you haven't seen at any other hamfest for years and years. So don't miss the opportunity because you never know who will bring what! Speaking of what, you might like to know about the where and the when of our fine hamfest which is held in an air conditioned, indoor, rain or shine venue:

When: **Saturday, September 22, 2018 from 8:00 AM to 1:00 PM.**

Where: Aiken High School: **5641 Belmont Ave, Cincinnati, OH 45224**

What: **Door prizes** every half-hour and **Grand Prize at noon.** The grand prize drawing this year is a **Yaesu FT-891 160-6M Transceiver.** Food service provided by Aiken athletic boosters.

Featured activities include: ARRL forum, Newcomers & Elmers Net "Meet & Greet", & DXCC QSL checking with Bob Frey, WA6EZV.

This is a great opportunity to get out of the shack and have some eyeball QSOs! And all for the low-low admission price of just five dollars \$! It's a steal of a deal. Indoor or outdoor flea market spaces are still available at the bargain price of just five dollars \$!

Talk in frequency is 146.67- (123.0Hz)

For more information please email Justin Moore KE8COY: justinpatrickdreamer@gmail.com or Gary Coffey KB8MYC: KB8MYC@fuse.net

Overheard at hamfest: Bob and Bill are at a table:

Bill: Well, would you look at that.

Bob: I can't believe my eyes!

Bill: I haven't seen one of those in years and years.

Bob: Me, either. I been lookin' for one for a while.

Bill: Yeah, well now's your chance

Bob: Yeah. I reckon it is. But what is it?

73,

Justin Moore, KE8COY

Make Money! :)

Link and use your Kroger Card - Make money for OH-KY-IN

Do you have a Kroger rewards card? If so, the OH-KY-IN Amateur Radio Society has recently enrolled in the Kroger Community Rewards Program. If you link your card to OH-KY-IN, all eligible purchases you make using our Kroger card will generate income from the rewards program to OH-KY-IN.

OH-KY-IN has been assigned a Non-Profit Organization number QY352.

To Use the Kroger Community Rewards Program:

You need to visit <http://www.krogercommunityrewards.com> Once logged into your Kroger account you can search for OH-KY-IN Amateur Radio Society either by name or QY352 and then click Enroll. On the right side of this page is View by Type. Be sure to change this to ALL or to CIVIC ORGANIZATION before entering OH-KY-IN Amateur Radio Society or QY352. New users will need to create an account which requires some basic information, a valid email address and a rewards card.

Customers must have a registered Kroger rewards card account to link it to OH-KY-IN.

If you do not yet have a Kroger rewards card, they are available at the customer service desk at any Kroger.

You must swipe your registered Kroger rewards card or use the phone number that is related to your registered Kroger rewards card when shopping for each purchase to count.

REMEMBER, your purchases will not count for your organization until after you register your rewards card.

Tell your friends about this too. Anyone with a Kroger card can link it to OH-KY-IN.

The OH-KY-IN Amateur Radio Society thanks you for taking just a few moments to link your card to your club!

73, Bruce N8BV

Feed Line for Repeater Installs

Why is it important to use the correct type of feed line for a repeater install? There are many good reasons for this. First, on many tower installs, if you or your club don't own the tower, most all commercial sites will require a bonded, professional crew to climb the tower for any work that needs to be done. This gets expensive very quickly. Using a poor quality or incorrect type of feed line WILL cause a failure of your system. Hiring a crew (any professional climb will require at least 2 people) to replace a faulty feed line will wipe out any savings you made with your coax. Add to that, you end up buying the more expensive, correct feed line anyway.

So what is incorrect feed line? The following is from Mike Morris, WA6ILQ and repeater-builder.com :
"In duplex service you want to avoid any coax that has dissimilar metals rubbing against each other (such as Belden 9913) or any LMR-(any 3-digit or 4-digit number) cable since both use an aluminum foil shield rubbing against a copper braid (and they are not the only ones with that type of construction). In a coax cable any dissimilar metals in contact with each other are bad news. Aluminum oxide is formed when raw aluminum is in contact with oxygen, and the chemical reaction that converts the top few molecules of the exposed surface of aluminum into aluminum oxide is almost instantaneous. Aluminum oxide makes a dandy diode. All those millions of contact points between the copper braid and the aluminum oxide layer on the aluminum foil become millions of little tiny diodes. In the presence of high RF power levels all those little diodes cause RF noise. The amount of noise energy on any one frequency (such as on your repeater input frequency) is a low level, but when you have the noise source inside the same feedline that feeds a sensitive receiver it doesn't take much level to be audible.

I repeat – any cable that has dissimilar metals pressed together, even inside a jacket, will sooner or later create wideband noise (sometimes called duplex grunge) when hit with RF power. Even something as simple as a 1-foot-long jumper between the feedline and the antenna at the top of the tower can cause major desense problems (and for a long time the major antenna manufacturers were shipping 9913 jumpers with their antennas). 9913 is usable in an indoor simplex environment, but you will find that 9913 or any dissimilar metals cable, especially LMR-(any 3-digit or 4-digit number), is a disaster just waiting to happen on a duplex system."

In that case, what is the correct type of feed line? Again, from WA6ILQ:

"First of all, despite what you read elsewhere, "hardline" is not Heliac™ and Heliac™ is not "hardline". True hardline (sometimes called rigid feedline or rigid line) is most commonly used in broadcast (AM, FM and TV). It does not flex – it's based on concentric pipe with an insulator between the inner and outer conductor. From the outside it looks like flanged pipe. Common sizes range from 3/4 inch to over 8 inches in diameter. It is much lower loss than coax or even Heliac." "On the other hand, RG-214 has two silver-plated braids and a silver-plated inner conductor. RG-393 is similar but has a Teflon® outer jacket. Both are the larger diameter (i.e. RG-8 / 213) size coax and RG-142 / RG-400 is the smaller diameter (RG-6 / RG-58 / RG-59) size. Please save yourself some grief and use real Mil-Spec RG-214 or RG-393 as the jumper between the feedline and the antenna. And please be a very annoying and nagging perfectionist about the installation and waterproofing of all feedline and jumper connectors outside the building." "You will minimize your feedline problems if you stick to Superflex, RG-214, RG-393 or RG-400 on the radio side of the duplexer, and Superflex, Heliac and RG-214 or RG-393 on the antenna side of the duplexer. Use RG-214 or RG-393 as the jumper between the duplexer and the Heliac, and between the Heliac and the antenna. Note that RG-400 has more loss than the larger diameter cables – it's spec'd at 9.6 dB of loss per 100 feet at 400 MHz. It's short jumper material, not feedline material! You will want to use all silver plated connectors and absolutely minimal adapters (and those need to be silver plated) in your connections from the transmitter or receiver to the duplexer, from the duplexer to the feedline and from the feedline to the antenna. NO nickel plated or chrome plated anything in the RF path anywhere! Nickel and chromium are ferrous metals and as such both are an intermod creator anywhere around RF. It's detectable at 10 meters and 6 meters and has proven to be a real problem at 2 meters, 220, 440, 900 and 1200 MHz. Mark Abrams WA6DPB said it well when he said "One nickel or chrome plated anything can really ruin your whole day". Another rule is nothing but Teflon® insulated silver plated connectors and minimal adapters on anything above 30 MHz."

Before you plan out or purchase anything for your system, go to www.repeater-builder.com and read everything you can. It will save you a huge amount of frustration!

73, Todd, KY4TS

The Ohio QSO Party 2018

The Ohio QSO Party is an annual operating contest sponsored by the Mad River Radio Club, where hams in Ohio make as many contacts with hams both inside and outside Ohio. Like many other contests, scoring multipliers are given based on individual states, Canadian provinces and DX based on band, but only for Ohio operators. The 88 Ohio counties count as multipliers for everyone, making Ohio's amateurs valuable contacts.

The event is held over a 12-hour period on the fourth Saturday of August from noon to midnight Eastern Time. This year, the contest was held on Saturday, August 24th with OH-KY-IN teaming up with QCEN to operate from the QCEN Radio Room in the Cincinnati Red Cross building under the QCEN club call W8VVL.

This year's event was well attended, with about 20 operators and support personnel representing a good mix of the two clubs. Chef John cooked up some very tasty tacos and chili to feed the team. Plenty of snacks and pop also kept the team fueled into the late hours along with camaraderie and good conversation.

The operators used three different radios, operating exclusively on SSB and on the 80m, 40m and 20m bands with a brief attempt at 10m. After some fumbling around with unfamiliar equipment including radios, pass band filters and antennas, the team settled on one radio for each of the 20m, 40m and 80m bands.

As has been the theme over the past several years, the bands were not friendly. The noise floor for 40m and 20m fluctuated between S5 and S8 and passing thunderstorms almost deafened the 80m operators with loud static crashes that challenged even the Fast AGC. There was even competition for the bands with the Kansas QSO party and an Islands on the Air activation in the Pacific Northwest happening at the same time.

After all was said and done, the team racked up a total of 196 QSOs and 86 multipliers for a total preliminary score of 16,856. The team contacted 53 of the 88 Ohio counties, 32 states, including Hawaii, and 2 Canadian provinces. Most importantly, everyone had a good time.

Hopefully, we can all get together again next year and try to beat that score!

73!

Cesi KD8O0B

Brunch Bunch

The next Brunch Bunch will be held **Saturday, September 8th, at 1pm. The location for September is **Deweys Pizza** located at **5649 Harrison Avenue in Green Township, 45248.** Deweys is located at the intersection of Harrison Avenue and Westwood Northern Blvd.**

**You can find the menu as well as a map at:
www.deweyspizza.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



August Brunch Bunch at Frisch's

September 2018 DX Spots de KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
PJ2 - Curacao 8-27 Thru 9-2 	T88PB - Palau 8-31 Thru 9-3 					1 EX0PL - Kyrgystan Thru 9-10 
2 TF - Iceland thru 9-15 	3 	4 3B8 - Mauritius thru 9-24 	5 	6 	7 	8
9 	10 	11 	12 T32AH - East Kiribati Thru 10-1 	13 	14 8Q7EC - Maldives Thru 9-23 	15 3W9JK - Vietnam Thru 9-27
16 3DA0AO - E Swatini Thru 9-28 	17 7Q7ELA - Malawi Thru 9-26 	18 	19 8Q7IP - Maldives Thru 9-30 	20 JW - Svalbard thru 9-25 ----- FH - Mayotte thru 10-6 	21 TO6OK - Mayotte Thru 10-6 	22
23 	24 	25 	26 9X0T - Rwanda thru 10-10 	27 	28 5W0GC - Samoa Thru 10-14 	29 VK9XT - Christmas I Thru 10-6 
30 C21GJ - Nauru thru 10-12 						

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, September 4th at 7:30 PM

Program:

Using SDR Dongles for Scanning

By

Rod Villari KJ4IAM

OH-KY-IN Amateur Radio Society

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