

Meeting Information

Our monthly club meeting will be held at Arlington Heights Town Hall (601 Elliott Ave., Cincinnati, Ohio 45215). Enter using the exterior elevator to the second floor at the rear of the building. We will continue to offer Zoom video conferencing as an option. Please join us at 7:30 PM Eastern time each first Tuesday of the month. The Zoom call will open at about 7:20 PM for you to join. The passcode is 146670

<https://zoom.us/j/996062859>

If you are unable to join online, you may join by telephone at (301) 715-8592 with a meeting code of 996 062 859 and passcode of 146670. Long distance rates will apply.

Brunch Bunch

by Bruce Vanselow, N8BV

The next Brunch Bunch will be held Saturday, October 12th, at 1pm. The location for October is Allyn's Café in the Columbia-Tusculum area. Allyn's is located at 3538 Columbia Parkway, 45226.

“Over the years, experimenting with different specials and personal favorites, the restaurant developed into what many now would call a Gastropub featuring original cajun, creole, and even vegan-friendly menu options. Allyn himself is a vegan today.”

For a look at the menu as well as a map: www.allynscafecincy.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.

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

73, Bruce N8BV

Possible Opportunities... Don't Miss Out!

Are you signed up for the OH-KY-IN members e-mail list on Groups.io? Are you sure? We have TWO mailing lists. If you are a club member, you should belong to and use the “OHKYIN” list at <https://groups.io/g/OHKYIN> to stay informed of club events and to share news with club members. If you are NOT a club member (or you have made a mistake), you may belong to the “OHKYIN Public” list (<https://groups.io/g/OHKYINPublic>), which is exclusively for **NON**-members. The latter list is used for club announcements and things of that nature and is almost always just a subset of the messages that go out to our members list.

If you need help getting signed up, you may contact our membership chair Nathan KA3MTT at ka3mtt@yahoo.com and he will be happy to help get you set up on the list.

Meeting Location Reminder & News

Our in-person meetings are now held at the Village of Arlington Heights Town Hall, located at 601 Elliott Ave., Cincinnati, Ohio 45215 just a couple of minutes off of I-75 at the Galbraith Road exit. This new meeting location **is fully accessible**, with an elevator and no steps to navigate. There is a parking lot adjacent to the building which will accommodate some of our members and there is ample on-street parking around the building. As always, please be respectful of the neighborhood and avoid blocking driveways, walking in lawns, etc.

We will continue to offer Zoom as well, with no changes expected in that regard.

To enter the building, go to the rear of the building and find an elevator in a small alcove. Take that elevator to the second floor and you will see the meeting room. From the parking lot, you should see the signs in the photo below pointing in the direction of the elevator. If you arrive early, it is possible that the elevator may not be unlocked yet. If there is no green light near the elevator button and the elevator doesn't open, please wait a little while for someone to arrive to unlock the elevator. We will try to open the doors close to 7:00 PM.

Please note that, like our pre-COVID meeting location in St. Bernard, this is a polling location, which means that we will not have use of this facility on election days. Therefore, our **November meeting will return to Lockland Church of the Nazarene** (our previous location), 335 West Wyoming Avenue, Cincinnati, Ohio 45215.

OH-KY-IN would like to thank the Village of Arlington Heights and Lockland Church of the Nazarene for the use of their facilities!

Newcomers Net

The Newcomers net continues, with great participation. Robert K4PKM holds the net each **first** and **third** Sunday of the month at 7:00 PM on the 146.67 repeater. The net is open to all licensed amateur radio operators and those interested in becoming licensed are encouraged to listen in as well. The net focuses on topics of interest to newer hams, but participation by experienced hams is also encouraged. If you haven't already, check it out soon! The October 6th topic will be "Amateur Radio Licensing: Obtaining, Upgrading, and Maintaining" and the 20th will be "How to Shop Around for New and Used Equipment."

Members-Only Silent Auction

OH-KY-IN has recently received some donated equipment that we are planning to auction off to the membership some time in September. The specific details of the auction will be shared later, but we expect it to be conducted by e-mail using the club mailing list as the starting point. If you are specifically interested in an item and cannot participate by e-mail, you may attempt to make alternative arrangements with Ryan AC8UJ. The list of items to be auctioned has not yet been finalized, but it will include **at least** the items shown below and on the next page. Some of these items are very nice pieces. Club membership has its benefits and this is one of them — we will only open this auction to club members, so that our membership has the opportunity to perhaps get a good deal on these items. In certain cases, we may set a reserve price to ensure that we don't end up essentially giving an item away, but most items will simply go to the highest bidder (no reserve).

Additional photos can be provided on request. Contact Ryan AC8UJ at ac8uj@arrl.net by e-mail. We also may have some of these items on display at the Cincinnati Museum Center "1940's day" event, weather permitting.

The Reading & Radio Ranch: Weeding the Library

by Justin Patrick Moore, KE8COY

As we roll into October, I start thinking of some of the projects around the house that I never got around to in the first nine months of the year. Maybe you've had a similar feeling. Some of those projects involve cleaning out the basement, cleaning out the closet, cleaning all the papers off the top of my desk or just going through my dresser and getting rid of some of the clothes I don't wear anymore and dropping them off at the thrift store.

One of the great things about being a book hound and club librarian is the way you end up bringing home boxes of books and written materials. One of the bad things about being the club librarian and a book hound is the way you end bringing home boxes of boxes and written materials. As the club library expands with new titles, it may also be time to do a little bit of what we in the library business call "weeding."

In a public library we are committed to keeping certain titles regardless of whether they ever get checked or not, because they have historical and cultural value and you never know who might want something down the road and use it for research. Yet, a public library also has only a limited amount of shelf space and thousands and thousands of new titles come into our system ever year. I catalog about 150 to 160 new titles a week, and there are three other people who are adding new material to the system on smaller basis. That means some of the other stuff has to go. A lot of those titles get sent to the Friends of the Public Library who operate a used book store, with money earned going back into the library, and periodic sales elsewhere.

For a club library, weeding will have to look a little bit different. I'm not having a huge space issue quite yet, but there are a number of magazines that were donated to the club that I'd like to find another home for if anyone is interested. These are a box of the AMSAT journal, useful perhaps to anyone in the club who has working the birds on their mind. There is also a magazine called Circuit Cellar. Basically these are just sitting in my house. I've brought them to club meetings before, and people have flipped through them, but I'd like to see if anyone is interested in these. I'd rather them not go in the recycling bin, but I don't really see them circulating as a library item really. So let me know if you are interested in taking this box of magazines off my hand. Who knows what tasty article inside you might find that could prove to be the key for your next project.

Your club librarian can be reached via email at: justinpatrickdreamer@gmail.com or KE8COY@ARRL.Net

Until Next Time, Keep Your Batteries Charged & Your Aerials Up!

Harvest Home Fair “Big 6” Booth

Thanks to all who volunteered to work our annual “Big 6” booth at the Harvest Home Fair. This is one of our two major fundraisers each year, so all help is appreciated.



Photos by Bruce Vanselow N8BV

Join the SSTV Net!

The SSTV net has attendance has been declining a bit recently. If attendance does not pick up, we will likely evaluate whether to adjust the schedule and hold the net less frequently. If you find SSTV interesting, we would love to have you join us. Don't know how to do SSTV? We can coach you on that!

Please check us out, Mondays at 9:00 PM on the 146.67 repeater.

Ohio State Parks on the Air

Some of our members activated K8SCH for the OSPOTA event in September. Thanks to Cesi KD8OOB and George N3VQW for leading this effort once again and for all those who stopped by the event and participated. Cesi reports that there were 134 total QSOs and 29 state parks worked, for a claimed score of 3,886.



Photo by Gregg Johnson AB8GJ



Photo by Gregg Johnson AB8GJ

The Role of the Codebreaker in the Battle of Midway Victory

by Horacio Falciglia, KA8TVY

During the attack on Pearl Harbor, December 7th, 1941, 83 years ago, the successful Japanese strike left the USA's west coast indefensible and totally vulnerable to future attacks. Yet it was not a coincidence to this author, that none of the USA aircraft carriers were at Pearl Harbor during the attack. US Naval Intelligence for some time expected the Japanese to attack. British intelligence knew more about the impending attack than they shared with Washington. To the risk of sounding cynical, it was very beneficial for Britain that the US enter the war.

The turning point in the Pacific war came in June, 1942, when the US Navy surprised and defeated the Japanese in the Battle of Midway. US Navy cryptanalysts had begun breaking Japanese communications codes early in 1942. Joseph Rochefort, responsible for the Pacific fleet's Radio Intelligence Unit at the time of the Pearl Harbor attack, felt profound guilt at his inability and failure to predict the attack.



<https://commons.wikimedia.org/wiki/index.php?curid=2740341>,
Public Domain

◆ Joseph Rochefort

Joe Rochefort, born in Dayton, Ohio, enlisted in the Navy lying that he was born in 1898 to be admitted into the service. He intended to become a naval aviator.

He was not the usual codebreaker. He had studied in Tokyo, Japan, was very fluent in the Japanese language and very knowledgeable of their culture. Back in San Diego, he handpicked Elvin Urquhart, another extraordinary mind and codebreaker like him. Both became part of the HYPO station at Pearl Harbor. The unit, under Rochefort, began breaking Japanese communications codes early in 1942. In particular the JN-25 Code that, by December 7, 1941, consisted of 50,000 code groups. Two thousand codes were then compromised but not enough for Rochefort to decipher any messages.

On the other side of the conflict, Admiral Yamamoto had also studied in American universities. He was well aware of the American culture and he had been planning the attack on Pearl Harbor for a long time. His major strategy for his carriers was to maintain absolute "Radio Silence." He was right to understand you cannot "detect" any ship that does not "emit" or transmit any signals. His attack on Pearl Harbor was very successful. We were not prepared. At dawn, we slept. After Pearl Harbor came the General Doolittle Raid launched on April 18, 1942 with B-25 bombers from the Enterprise carrier deck attacking Tokyo. That lifted the American hope. Back at Pearl now, Rochefort finally broke the Japanese JN-25 Code.

Rochefort devised a ruse with the hope the Japanese would take the bait. The Japanese were planning to attack at a location in the Pacific they named "AF". After a lot of codebreaking and analysis, Rochefort, at the HYPO basement station, speculated that AF could be Midway. Rochefort asked his superior, Admiral Kimmel, and he in turn asked Washington intelligence to permit use of the ruse. It was approved.

Via submarine cable that connected Pearl Harbor with Midway Island 1100 miles to the west, Joe Rochefort instructed Midway to answer sending a Morse code message to Pearl saying "We need fresh water, the salt water evaporation at the base has broken down. The desalinization system is out, we are short of fresh water," signed, Midway. Japan copied the message and, soon after, it sent out to all units a similar message about "AF is running out of water, provide fresh water to all the ship units in preparation for the attack." Now Rochefort got the proof AF was Midway.

As opposed to the Pearl Harbor attack, now with all the carriers, cruisers and destroyers dispersed, Yamamoto and Nagumo broke "radio silence" and had to transmit over radio their strategy to their ships, enabling US Navy cryptanalysts in Pearl to decipher when the Imperial navy were planning to attack Midway, which was either

June 4th or 5th. That gave Admiral Chester Nimitz time to order Admirals Fletcher and Raymond Spruance to move the carriers Hornet and Enterprise quickly west to a position northeast of Midway, within striking distance of Nagumo's carriers. Admiral Spruance had replaced a future hero of the Pacific war, Admiral William "Bull" Halsey, ill with a case of Psoriasis (or Herpes according to other sources).

Among the many mistakes Nagumo made that day was to assume that the US aircraft carrier Yorktown, which had been damaged during the battle of the Coral Sea, would be out of action. In fact, "The Fighting Lady," like our sailors called the Yorktown, had been repaired in only two days at the Pearl Harbor Navy yard, and had sailed May 30th to join the Hornet and Enterprise ("The Big E") at Midway.

Initially, Nagumo did not know of the presence of the US aircraft carriers close to Midway Island and ordered a first wave of attacks on the Island. As Nagumo was rearming Japanese planes for a second wave attack, one of the scout planes spotted portions of the US fleet. Nagumo switched tactics and ordered to switch from torpedoes to bombs in total disregard of Yamamoto's orders. Meanwhile, all the US torpedo bombers from Hornet and Enterprise attacking the Japanese fleet without escort were shot down by Japanese Zero fighters. But one hour later, as the entire Japanese carrier fleet was refueling on deck and switching weapons, another wave of US carrier-launched dive bombers struck, hitting three aircraft carriers and setting them ablaze. Japan's surviving carrier, Hiryu, attacked the Yorktown which had to be abandoned. US dive bombers returned to attack the Hiryu and set it ablaze as well.

At the battle of Midway, Japan lost four aircraft carriers, with the loss of 300 aircraft, 200 of the most experienced Japanese pilots, and 2,500 casualties. The US lost the carrier Yorktown, the destroyer Hammann, along with 145 aircraft and 360 sailors and pilots. On June 6th, Yamamoto ordered his fleet to retreat, ending the battle of Midway, saying "I must apologize to our Emperor." Chester Nimitz wondered whether the US Navy was better than the Imperial Navy or if the US was luckier? This author believes we were both. In addition to naval codebreaking, Nimitz benefited from another technological advance: radar.

On the characterization of Joseph Rochefort as a brash eccentric, that was totally false. He was not a loudmouthed, wisecracking, cigar chomping, sloppy guy. Nothing can be further from the truth. He indeed was a total aristocratic, quiet, soft spoken person with a very acerbic wit and a great sense of humor, not at all like he was portrayed by Hollywood in the Pearl Harbor movie. He was a true gentleman. After Midway, he continued to serve the Navy with honor. He initially did not get the "Distinguished Service Award Medal" with the excuse he was never in combat, as he did all his service in a basement. Because of jealousy and politics (Kimmel never liked him) of his superiors, he was denied the honor until President Ronald Reagan in 1986, 44 years after Midway, corrected the injustice and Joseph Rochefort was post-humously given the award. Midway was a great victory thanks to Joe Rochefort, large American industry capacity, radar, Nagumo's inefficiency and, yes, a great deal of luck.

Dr. Horacio S. Falciglia, Professor Emeritus of Pediatrics, University of Cincinnati.

Sources: Japan's ambition in the Pacific. History; Joseph Rochefort, Wikipedia; The Codebreaking who made Midway victory Possible. NPR Podcast, December 7, 2011

September, 2024 Meeting Minutes

OH-KY-IN Amateur Radio Society
Minutes of September 3rd, 2024, Member Meeting

The meeting was called to order at 7:30 PM by Ryan AC8UJ with the Pledge of Allegiance. The club meeting was held in person and via Zoom.

Guests: Ryan Smith KF8BYL

New Licenses or Upgrades: Ryan Smith KF8BYL was just licensed as a Tech two weeks ago.

Attendance: 21 in person; 19 via Zoom

Health and Welfare: N/A

Awards & Achievements: Bob WA6EZV received a clean sweep on the 13 Colonies contest

Prior Meeting Minutes: Drew KE8JTL made the motion, and George N3VQW seconded accepting the meeting minutes for August 2024 as published in the Q-Fiver with one correction. Motion passed.

Membership: Not present. 153 have renewed for the year out of 166 from last year. Please renew at <http://renew.ohkyin.org/>.

Treasurer: Kevin W8SM, Treasurer's report read and filed for audit.

Silent Key: None

Tech Committee: The tech committee is looking into the interference noise on the 67 machine.

Classes and Exams: Extra class will start on September 16th for 7 weeks; tech and general will start on September 30th and will run for 5 weeks. A test will be given on November 2nd

Fox Hunts: Bob WA6EZV. Fox hunts will be starting soon.

Library: Contact Justin KE8COY if you would like to check out items from the library.

Nets: SSTV, the net will continue every Monday at 9pm through September. If attendance stays low, we may reduce the frequency of the net going forward.

Website: None

QCEN: Meetings are held the 2nd Thursday of the month at 7:30PM.

ARES: Meetings are held the 3rd Tuesday of the month at the ROC at 7PM.

Brunch Bunch: 9/14 at 1:00pm at the Acapulco Mexican restaurant in Fairfield.

Events:

- 9/6 - 9/8 Harvest Home Fair
- 9/7 - 10:00 AM to 6:00 PM OHSPOTA

Old Business:

- Bylaws update: Ryan AC8UJ — Progress is being made. We will try to approve the changes at the December

meeting if we have a quorum.

- Cesi KD8OOB: Satellite station grant update. No updates.
- Ryan AC8UJ: Remote participation in split-the-pot. None.
- 1940's Day went well this year.
- We are working on having a silent auction that will be held by email hopefully starting in September. Information will be sent out by the club email system.
- The November meeting will be held back at the Lockland Church of the Nazarene

New Business:

- We will need three people to serve on the nominating committee. Drew KE8JTL, and Kevin W8SM have volunteered so far. We still need one more person.

Program: OSPOTA 2024 Cesi KD8OOB

Split the Pot: \$76.00, Split \$38.00 Bob W8CRO

Motion to adjourn make by George N3VQW, seconded by Phil KE8LYG. Meeting adjourned at 8:41PM.

Respectfully submitted, Steve Crase N8PUP, Secretary

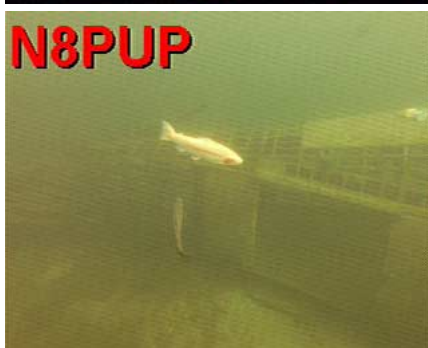
DX Spots -October 2024

DE KA3MTT

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 V4 - St Kitts&Nevis Thru 10-12 	2	3 5W0TE - Samoa Thru 10-10 	4	5
6	7	8	9 JW - Svalbard Thru 10-23 	10 5H3MB - Tanzania Thru 11-11 	11	12 8R1TM - Guyana Thru 11-24 
13	14	15 ZL7IO - Chatham Is thru 10-31 	16 YJ0VV - Vanuatu Thru 10-30 	17 C91BV - Mozambique thru 10-24 	18	19
20 ZF2XX - Cayman Is Thru 10-25 	21	22	23 5R8 - Madagascar Thru 11-6 	24 7Q1 - Malawi thru 11-2 	25 3DA0DL - eSwatini Thru 11-9 	26
27	28	29	30	31 XT2MD - Burkina Faso thru 11-11 		

OH-KY-IN SSTV Net Samples

Here's a sample of the images you could be receiving if you tuned into the weekly SSTV net on the 146.670 repeater. The net meets every Monday night at 9:00 PM Eastern time. No special equipment is required. If you have a 2 meter receiver and a computer or smart phone, you can receive images. If you don't know how, check in to the weekly Tech Talk net Wednesdays at 9:00 PM Eastern and ask for help. Hope to hear you all on the nets!



This space available!

Please join the SSTV net for a chance to see your image here!

This space available!

Please join the SSTV net for a chance to see your image here!

This space available!

Please join the SSTV net for a chance to see your image here!

This space available!

Please join the SSTV net for a chance to see your image here!

Support OH-KY-IN by Shopping

Of course we appreciate your membership dues and all of the ways you give time and energy to the club, but did you know you can also support OH-KY-IN just by doing things you already do?

Kroger Community Rewards is a great source of income for the club and requires no effort! Visit <http://www.krogercommunityrewards.com/> and set us as your charity. We are organization **QY352**.

Contact Bruce N8BV for details about the program.

Committee Chairs & Appointments

Technical OperationsGary Coffey KB8MYC
ARPSA Representative(open)
Volunteer ExaminersGary Coffey KB8MYC
QCEN RepresentativePat Maley KD8PAT
MembershipNathan Ciuffo KA3MTT
FundraisingBruce Vanselow N8BV
EducationTom Delaney W8WTD
Repeater Control Ops Mgr. . .Bruce Vanselow N8BV
PIOSteve Crase N8PUP
SSTV Net MgrSteve Crase N8PUP
LibrarianJustin Moore KE8COY
Q-Fiver EditorRyan Owens AC8UJ (interim)
ARRL Field DayEric Neiheisel N8YC
HistorianDale Vanselow KC8HQS
Fox HuntersDick Arnett WB4SUV
Equipment Manager(open)
WebmasterRocky McGrath KE8DZS
Silent KeyBryan Hoffman KC8EGV
Tech Talk Net ManagerBruce Vanselow N8BV
K8SCH Paper QSL MgrBob Frey WA6EZV
K8SCH Elec. QSL Mgr . .Rick Haltermon KD4PYR
TV/RFIDick Arnett WB8SUV

Newsletter Submissions

Please send any submissions you would like included in upcoming newsletters to Ryan, AC8UJ. All content is welcome! You can e-mail content to him at his callsign at arrl.net. Please send all content either as plain e-mail text (attach any photos or graphics) or as a PDF file. Depending on the spacing needs of the particular issue, Ryan may reformat your content and adjust the layout. Because of this, if you send a PDF, please also include any graphics used as attachments.

Consider a Donation to OH-KY-IN

Did you know that OH-KY-IN ARS has been recognized by the Internal Revenue Service as a 501(c)(3) charitable organization? That means anyone who itemizes on their Federal return can take a charitable deduction for a contribution to OH-KY-IN, as long as it qualifies under the general rules applicable to all other charitable contributions (for example, the contribution must be in cash, or other property which the organization has agreed to accept; the value of volunteered services is not deductible). Membership dues, such as the cost of a life membership, may even be deductible; consult your own tax advisor for details if considering that. Posthumous donations by Will or by naming the organization as beneficiary of a financial account are also welcome.

OH-KY-IN Officers

PresidentRyan Owens AC8UJ
Vice PresidentCesi DiBenedetto KD8OOB
SecretarySteve Crase N8PUP
TreasurerKevin Tribbe W8SM
DirectorDrew MacDonald KE8JTL
DirectorBruce Vanselow N8BV
DirectorMike Niehaus KD8ZLB
TrusteeBruce Vanselow N8BV

Calendar of Upcoming Events

Monday	September 30 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	October 1 @ 7:30 PM	Club Meeting (Zoom & Arlington Heights Town Hall)
Wednesday	October 2 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Sunday	October 6 @ 7:00 PM	Newcomers Net (146.670 Repeater)
Monday	October 7 @ 9:00 PM	SSTV Net (146.670 Repeater)
Tuesday	October 8 @ 7:30 PM	Board of Directors Meeting (same Zoom info as club meeting)
Wednesday	October 9 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	October 14 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	October 16 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Sunday	October 20 @ 7:00 PM	Newcomers Net (146.670 Repeater)
Monday	October 21 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	October 23 @ 9:00 PM	Tech Talk Net (146.670 Repeater)
Monday	October 28 @ 9:00 PM	SSTV Net (146.670 Repeater)
Wednesday	October 30 @ 9:00 PM	Tech Talk Net (146.670 Repeater)

Life Members

John Phelps	N8JTP
Kenneth E Wolf	N8WYC
John W Hughes	AI4DA
Karl R Kaucher	KK4KRK
Fred Schneider	K9OHE
Dan Curtin	KF4AV
Steve Weeks	AA8SW
Kelly Hoffman	K8KAH
Mick Cook	KD8IOQ
Steve Crase	N8PUP
Joe Felix	K8NW

OH-KY-IN Repeaters

146.670 (-) Clifton

146.625 (-) Edgewood (Fusion & analog WIRES-X)

146.925 (-) Delhi (Fusion & digital WIRES-X)

All repeaters require a 123.0 Hz CTCSS (PL) tone.