



The LCARA Patch

10 METER ROUNDTABLE
WEDNESDAY @ 20:30 HRS
28.450 MHz

www.lcara.org
<https://groups.io/g/lcarapatch>
<https://www.facebook.com/groups/LCARAofOhio/>

LCARA TWO METER NET
THURSDAY @ 19:00 HRS
147.210/R - PL 110.9

Board Members

President: Ed Kopcak KB8BKE
Vice President: Tom Revolinsky KE8HJL
Secretary: Tom Revolinsky KE8HJL
Treasurer: Ed Kopcak KB8BKE
Director-at-Large: Joe Koskovics N8JKO

Patch Staff

Editor: Ed KB8BKE
DX: Jim AA80Y
History: Scott KO8O
Sunshine: Bob K8QXO

Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
ARRL /OH Gov. Liaison	Bob Winston	W2THU
Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA80Y
Field Day Chair	Jim Pyle	AA80Y
History	Scott Farnham	KO8O
LCHS Liaison	Bob Mekinda	K8QXO
N8BC Trustee	Bob Liddy	K8BL
Planning	Vacant	
Program Director	Joe Koskovics	N8JKO
Publicity	Bob Mekinda	K8QXO
Repeater	N8IJG - KB8BKE	
Sunshine	Bob Mekinda	K8QXO
Web Master LCARA	Bill Wihebrink	N8IJG

Our Next Meeting Date Is
August 7th
@ UH Tri-Point
Physicians Annex Building
Ground Floor

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Message from the President

Greetings,

Our next club meeting will be held on August 7th, at the UH Tri-Point Physicians Annex Building. Enter via the ground floor entrance off the north parking lot, continue past the elevators down the hall to find the meeting room on the left.

The club picnic was held on July 13th and based on feedback a good time was had by all. Joe (N8JKO) hit a home run with the venue selection as we really enjoyed the peaceful location and the privacy. Thanks to all attended and especially those who brought a dessert or side dish. A shout out to Tom (KE8HJL) for being “master of the grill” and in addition, cooking up his famous sausage, onions & peppers. They are always a hit. Hope more members can make it next year.

We are planning an operating event at Garfield on August 25th to help celebrate the NPS ‘s 108th birthday. We’ll have our comm. trailer there and hope to field 2-3 stations. Stop by to say hello or try your hand at operating some rare DX...hihi.

Stay safe and be well. ‘73

-Ed

Did you know that LCARA is eligible to receive a \$5 rebate check from the ARRL, for those renewing their ARRL membership (\$15 for new ARRL members). In order for us to receive the rebate, a separate form needs to be included when you send in your application and payment. Contact me or any board member for the form or should you have any questions.

Membership Meeting Minutes

Our normal monthly meeting was held as an informal gathering at our annual picnic on July 13th.
No minutes were recorded.



Sunshine Report for August 2024

by: Bob Mekinda K8QXO

No Report

An open letter to the club membership from Cathie (AB8GV)

I have been a member of LCARA since early in 1991. I was quite active until about 10 years ago. My husband was a past president of LCARA and both of us volunteered for things like racing events when we were active with that, Field Day, Hamfest, and much more.

With Jim gone for 2 1/2 years now, I'm finally able to think about selling all of his electronics equipment, some ham radio equipment, radio tubes, coax, roots, antennas and more. It will not be a small job, it was 25 years of collecting. Only a small percentage has been catalogued. Jim catalogued what he bought but I cannot access the list on the computer. He had the computer secured to the modem we had. Not long after he died, the modem had to be replaced and everything on all of the computers is lost to me now.

I am looking for someone to help me sell it off, I will pay a finder's fee if you do. Or for someone to buy it all and sell it off at their profit. I have an idea of the value of much of it. I have already tried Electronic Surplus and they only want newer equipment.

Two years ago, I was a very trusting person. Now, after being scammed by several people, including a family member and 4 roofers who told me that my house needed a whole new roof (the roof was only 8 years old at that time), I am not very trusting. One of the scammers is being prosecuted in the Lake County Common Pleas Court for his actions toward 7 of his victims. I am trusting this club to help me as you have helped other widows dispose of their husband's ham radio equipment.

My request is sincere.

Cathie McAdams AB8GV
440.840.2225



Backscatter for August 2024

by: *Scott Farnham KO8O*

LCARA Historian

BACKSCATTER

130 Years Ago: The first wireless transmission using Morse code was demonstrated by Oliver Lodge during a meeting of the British Association at Oxford. A message was transmitted about 150 yards from the old Clarendon Laboratory to the University Museum. However, as he later wrote, the idea did not occur to him at the time that this might be developed into long-distance telegraphy. "Stupidly enough, no attempt was made to apply any but the feeblest power, so as to test how far the disturbance could really be detected. This predated the work of Guglielmo Marconi, who began his experiments two years later in 1896.

64 Years Ago: The first human-made object was recovered from space when a capsule ejected from Discoverer 13 was retrieved after returning from orbit.

45 Years Ago: LCARA's monthly meeting is held at Painesville's AM radio station, WPVL, with a tour conducted by General Manager, Gary Kneisley.

Items for sale by members include a Western Union Model 22 Reperforator, a 12 channel 2 meter FM rig, and a Gonset Gooney Bird 2 meter AM transceiver that "works fine" for only \$15.

43 Years Ago: IBM introduced its personal computer for \$1,600. It was developed in less than a year at IBM's Boca Raton Florida facility by using existing off-the-shelf components and established the dominance of Microsoft's operating system. The IBM PC hardware design became the industry standard for PC compatibles. Its Intel 8080 processor speed was 4.77 MHz, and was available with 16K up to 640K of memory. Data storage choices included 5.25" floppy drives, cassette tape, and eventually hard disks.

40 Years Ago: Fred, K8UET reports we have enough orange Maxwell House Coffee can lids to get a free percolator!

The FCC announces effective January 1, 1985, it will no longer conduct Amateur Radio examinations. The ARRL is still debating whether it will become involved in the VEC program.

The ARRL is now available via computer! MCI Mail users can leave messages to the ARRL for only \$1. Compuserve users can look at the ARRL Letter on the HamNet database for free.

Dayton '84 saw the introduction of Packet radio equipment. The device, called a TNC, or Terminal Node Controller, is offered by both AEA and TAPR.

The *PATCH*, Published by the Lake County Amateur Radio Association

35 Years Ago: LCARA sets a new Field Day record with 11,674 points! Field Day Chairman Don, WA8TWM reports the K8BL (plus Novice/Tech station N8GAK) effort went smoothly, with only one tower falling during erection.

30 Years Ago: LCARA sets yet another Field Day record, with more than 2700 additional points over the previous high. Bob, K8BL reports happily that for the first time, there are more CW QSO's than phone.

Speaking of Field Day, the Fire Department visits the Lake County Historical Society, our Field Day's operation QTH. Apparently RF can get into alarm systems

25 Years Ago: Jim McAdams, KF8VX was presented with his LCARA DX award by Reno, WT8C for working 120 countries. An endorsement sticker was given to Jim Pyle, AA8OY for 175 countries.

A bill is introduced to Congress to permit state or local governments to pass and enforce laws prohibiting unauthorized Citizen Band equipment. The bill contains provisions specifying possession of a FCC license in any service—including the Amateur Service—would preclude action by state or local government.

20 Years Ago: AMSAT-NA's new Echo satellite (AO-51) will be turned on for general FM repeat use for a trial period of three weeks. With an uplink of 145.920 MHz with CTCSS of 67 Hz, and downlink of 435.300 MHz, it will operate just like a terrestrial FM repeater with a one second kerchunk filter and a ten second hang time.

10 Years Ago: Field Day chairman Jim Pyle, AA8OY reports there were "no casualties other than ... mosquito bites and a tree root which is still claiming one of our base plate stakes.

Joe, N8JKO is reported to be "cleaning out his extended storage cavern ... aka his basement, and is offering two, working 25-inch televisions sets FREE to a good home.

5 Years Ago: Although it has nothing to do with amateur radio, The Patch includes a link to Flightradar24, an interesting website showing all flights currently in the air. <https://www.flightradar24.com/>

DX Alert

by: *Jim Pyle AA8OY*



August 2024 DX Alert

DU – Philippines - Christian, F4EBK is QRV as DU3/F4EBK from Luzon Island, IOTA OC 042, until January 2025. Activity is on 20, 15 and 10 meters typically around 0900 and then after 2100z.

FY – French Guiana - FY4JI, Theirry, will be active on SSB and FT8 July 26-August 8 with the special call sign TO973FY for the Paris Olympics.

T8 – Palau - JA2TTW, Ume is making sporadic appearances as T88HL, starting most days at 0100 UTC He has been heard on 15M SSB. The length of this operation is unknown.

V8 – Brunei - The special event station V84SPU, on the air through August 3, celebrates the 78th birthday of the Sultan of Brunei, Hassanal Bolkiah.

YJ – Vanuatu - VK3HJ, Luke; VK3QB, Chris; VK2PN, Patrick; and VK5XDX, Olgierd will be QRV as YJØVK August 20-27. Activity will be mostly on CW with some FT8 on 40-6M. ibni Omar Ali Saifuddin III. V84SPU will operate CW, SSB, and FT8 on all bands.

VK9L – Lord Howe Island - VK2/W7BRS, Jeff, is posting periodic updates about his Lord Howe Island DXpedition on his blog.

UN – Kazakhstan and EX – Kyrgyzstan - Father and son team SP9DLM, Darek, and SN9GM, Gregor, plan to be QRV first from Kazakhstan as - UN/home call July 25-August 12, then in Kyrgyzstan as - EX/home call August 13-20.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX

Upcoming Contests: (from the OSJ)

Contest	Start Date	End Date
North American QSO Party - CW	8/3/2024	8/4/2024
10-10 Intl. Summer Contest, SSB	8/3/2024	8/4/2024
WAE DX Contest - CW	8/10/2024	8/11/2024
Maryland-DC QSOP	8/10/2024	8/11/2024
North American QSO Party - SSB	8/17/2024	8/18/2024
World Wide Digital DX Contest	8/24/2024	8/25/2024
Hawaii QSOP	8/24/2024	8/25/2024
Ohio QSOP	8/24/2024	8/25/2024
Kansas QSOP	8/24/2024	8/25/2024
Colorado QSOP	8/31/.2024	9/1/2024
Tennessee QSOP	9/1/2024	9/2/2024
All Asian DX Contest, SSB	9/7/2024	9/8/2024
ARRL September VHF Contest	9/14/2024	9/16/2024
Texas QSOP	9/21/2024	9/22/2024
New Jersey QSOP	9/21/2024	9/22/2024
CQ WW DX Contest, RTTY	9/28/2024	9/29/2024
Maine QSOP	9/28/2024	9/29/2024

Upcoming Ham Fests: (from the OSJ)

	<p>08/03/2024 - 2024 Columbus Hamfest Location: Grove City, OH Type: ARRL Hamfest Sponsor: Aladdin Shrine Audio Unit Website: http://www.columbushamfest.com Learn More</p>
<p>08/10/2024 - Cincinnati Hamfest Location: Owensville, OH Type: ARRL Hamfest Sponsor: Milford ARC Website: https://CincinnatiHamfest.org Learn More</p>	<p>08/17/2024 - Portsmouth Hamfest Location: New Boston, OH Type: ARRL Hamfest Sponsor: Portsmouth ARC Website: https://www.portsmouthradioclub.com</p>
<p>08/18/2024 - Warren Hamfest Location: Cortland, OH Type: ARRL Hamfest Sponsor: Warren Amateur Radio Association Website: https://www.w8vtd.com/ Learn More</p>	<p>09/08/2024 - Findlay Hamfest Location: Findlay, OH Type: ARRL Hamfest Sponsor: Findlay Radio Club Website: http://w8ft.org Learn More</p>
<p>09/22/2024 - Cleveland Hamfest Location: Berea, OH Type: ARRL Hamfest Sponsor: Hamfest Association of Cleveland Website: https://www.hac.org Learn More</p>	<p>10/05/2024 - Northwest Ohio Amateur Radio Club (NWOARC) Hamfest Location: Lima, OH Type: ARRL Hamfest Sponsor: Northwest Ohio Amateur Radio Club, Inc. Website: http://www.nwoarc.com Learn More</p>

Ohio QSO Party Reminder

The Ohio QSO Party is an opportunity for amateur radio operators around the world to celebrate the great state of Ohio. OhQP has a mail list (reflector) on groups.io. Go to groups.io and search for Ohio QSO Party sponsored by MRRC or send an email to OHQP+subscribe@groups.io. This is the only place on the web to get "official" information on the Ohio QSO Party. We are not on FaceBook, Twitter or anywhere else. Since 1999 the Mad River Radio Club has brought you the Ohio QSO Party.

Objective:

For Amateurs inside the state of Ohio to make contact with as many Amateurs as possible both inside and outside of Ohio. For Amateurs outside the state of Ohio to make contact with as many Ohio stations as possible. Non-Ohio stations may work only Ohio stations, while Ohio stations may contact anyone.

Period:

The Ohio QSO Party occurs on the fourth Saturday of August. The contest period extends from 1200 EDT [noon] to 2400 EDT [midnight] (1600Z Saturday until 0400Z Sunday). All stations may operate the full twelve hours.

Bands & Modes:

CW and SSB on 160, 80, 40, 20, 15, and 10 meters. Stations may be worked once per mode on each band; i.e. K8MAD may be worked on both 40 CW and 40 SSB for point credit. Each station may be contacted 12 times (once per each of the 6 bands and once per mode on each band). Suggested activity frequencies:

160m cw: 1.815 | ssb: 1.850

80m cw: 3.545 | ssb: 3.825 Try 80m during the day light hours for nearby activity.

40m cw: 7.045 | ssb: 7.200

20m cw: 14.045 | ssb: 14.250

15m cw: 21.045 | ssb: 21.300 Try 15 meters on odd GMT/EDT hours (17,19,21,23,01,03).

10m cw: 28.045 | ssb: 28.450 Try 10 meters on the even GMT/EDT hours (16,18,20,22,00,02);

ARRL News:

The K7RA Solar Update

07/26/2024

Solar activity was a bit lower this week. Seven new sunspot groups appeared. The only day with no new sunspot groups was Sunday, July 21. The next day two new sunspot groups arose, and all other days each had one new group.

Average daily sunspot number was 208.1, down from 215.9, while average daily solar flux declined from 226 to 193.

Geomagnetic numbers remained quiet, with average planetary A index unchanged at 6, and middle latitude numbers changing from 8 to 7.3. Future geomagnetic indicators look very quiet, for many weeks.

The outlook for the next few weeks has solar flux reaching a short term maximum of 230 on August 12-14.

Ham Radio During Hurricane Season

07/26/2024

by Sierra Harrop, W5DX

[ARRL The National Association for Amateur Radio®](#) encourages all amateur stations to prepare for what the [National Hurricane Center](#) (NHC) has predicted will be a [busy hurricane season](#). In addition to readying equipment to function during and after a storm's impact, local [Amateur Radio Emergency Service® \(ARES®\)](#) nets are encouraged to participate in hurricane reporting and relief nets.

Stations do not need to be in a coastal zone to participate –propagation often shifts well inland, meaning ham radio operators throughout the continent can serve in times of need. “Monitoring and relaying traffic is a way to help with the nets and get real time information to the NHC, where it can be shared with NWS, FEMA, and other emergency response organizations to aid in a more rapid response and recovery,” said ARRL Director of Emergency Management Josh Johnston, KE5MHV.

Amateur radio plays a critical role in the warning and recovery process of hurricanes. From providing surface observations which give forecasters at the National Hurricane Center ground truth, to providing communications when infrastructure is damaged, ham radio is as vital as ever.

Amateur Radio Participates in World's Largest Naval Exercise

07/21/2024

“Partners: Integrated and Prepared” is the theme for [Rim of the Pacific \(RIMPAC\) 2024](#), the world's largest international military maritime exercise, which began June 27, and will come to a close on August 1.

Conducted from Joint Base Pearl Harbor – Hickam, Oahu, Hawaii, the exercise encompasses many islands in the Hawaiian chain.

The event included 29 nations, 40 surface ships, three submarines, 14 national land forces, over 150 aircraft, and more than 25,000 personnel, including amateur radio operators working with health care facilities.

The amateur radio portion of the exercise has been completed. ARRL Assistant Section Manager and State Government Liaison Michael Miller, KH6ML, said 36 amateur radio operators from Hawaii volunteered to demonstrate the value of amateur radio in emergency preparedness and response.

“It turned out very good,” said Miller. “Some of hospitals, staff and administrators involved had their first experience with amateur radio. The operators were able to blend their skills using public service radios, satellite phones, as well as amateur radio.”

Miller pointed out that hospitals on the smaller islands don't usually have a fulltime communications officer so working with amateur radio gives them experience for future emergencies. The amateurs worked with [Health Comm Hawaii](#) which provides amateur radio communications to health care associations in Hawaii during emergencies and disasters.

Ham Radio Trivia Quiz (Answers on page 23)

The approximate altitude of the E-layer in Kilometers is?

- A: 10-15 Km
- B: 50-80 Km
- C: 90-150 Km
- D: 25-55 Km

What early radio amateur went to Washington, DC in 1910 and convinced Congress that only radio transmitters should be licensed, not receivers?

- A: Hiram P. Maxim, W1AW
- B: Clarence D. Tuska
- C: Charles Stewart, 3ZS
- D: Irving Vermilya, 1ZE

What radio manufacturer in the 1940's called themselves "America's Oldest Radio Manufacturer"?

- A: Zenith
- B: Howard
- C: Hammarlund
- D: Hallicrafters

What is IR compensation?

- A: Amplifier circuit used to boost Infra-Red diode output.
- B: Device that compensates for voltage drop due to current flow.
- C: A red lens designed to filter emitted IR light.
- D: Night vision sensitivity control.



VE Testing Sessions HAM EXAMS

The Lake County Amateur Radio Association will be holding Amateur Radio license exams on the following dates in 2024:

Saturday, August 3rd Saturday, October 5th

Saturday, December 7th

Testing sessions are held on the first Saturday of every even-numbered month (e.g., February being the second month, etc.) at the Kirtland Library, 9267 Chillicothe Road. The library is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd) and shares a driveway with the Kirtland Municipal Center.

The tests will start at **12 noon**. Please arrive 15 minutes earlier.

To take an exam, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, use this link:

https://www.arrl.org/files/file/VEs/NCVEC_Form_605_July_2022_INTERACTIVE.pdf

. Please note **the FCC requires you to provide a FRN** (FCC Registration Number). Social Security Numbers are no longer accepted. If you are new to ham radio and don't have a FRN, instructions can be found here;

<https://www.fcc.gov/wireless/support/knowledge-base/universal-licensing-system-uls-resources/getting-fcc-registration>

If you are currently licensed, be sure to bring a copy of your license to the exam. The cost of the exam itself is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture is also necessary, such as a driver's license. If you have any questions, please contact Scott Farnham, KO8O, at (440) 256-0320, or scottfarnham@roadrunner.com

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In addition to the \$15 test fee, **the FCC now charges \$35** to add you to the Amateur Radio database. The FCC will e-mail successful candidates instructions for payment directly to them. **Payment must be made within 10 days of the e-mail.** This charge does not apply to upgrades.



LICENSE RENEWAL (revised)

Doing our VE Tests, I often am asked how to renew one's license. It's been five years since I checked, so it seems time to check how much the process has changed. The answer is ... \$35. Starting about a year ago, the FCC has added a fee to update the database. Now there are two steps:

Step 1: Request an upgrade with the FCC. This costs between zero and \$15, depending on how you go about it. These \$\$ go to the ARRL or W5YI (see below).

Step 2: Then pay \$35 directly to the FCC.

STEP 1:

This can be simple and free, or cost \$8, or cost \$15, or be a real PITA. Renewals can only be made within 90 days of expiration. If you're a little late, don't sweat it, as there's a two year grace period.

There are several ways you can go about requesting your license be renewed:

1. If you're an ARRL member (you are, aren't you ... it is the best deal in amateur radio, and they need your support to defend our frequencies), fill out the NCVEC Form 605, available in pdf from several sources if you Google "NCVEC Form 605". Then mail it with a note that it's a renewal request to: ARRL/VEC at 225 Main St, Newington CT 06111. It's free. If you do this, make sure your Form 605 is the Sept 2017 version or later, and include your FRN, which is probably on your current license. Check the "FCC ULS" database if it isn't. Note that social security numbers are no longer accepted.
2. If you're not an ARRL member, you can do the same thing, but enclose a \$15 check payable to ARRL/VEC with the form..
3. You can have W5YI do it for you at www.w5yi.org Click on "License Renewals" along the left side of the screen and follow the instructions. This costs \$8. Or mail a completed NCVEC Form 605 and \$8 to them at W5YI-VEC, PO Box 200065, Arlington, TX 76006-0065
4. You can do it yourself directly with the FCC. Google "FCC ULS" Click on "UNIVERSAL LICENSING SYSTEM" then click "FILE ONLINE" which takes you to the FCC License Manager page and follow the

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instructions. This is NOT easy. Note that it has been reported the FCC no longer accepts paper requests for renewal.

If you really don't have a FRN number, on the FCC License Manager in 4 above, click on "Register with the FCC" and follow the instructions. Be sure to link your new FRN with your existing license. After receiving a FRN, you can go back to the ULS Home Page and click on ONLINE FILING to request an update/renewal to your license..

Regardless of which method you choose, if the US Postal Service is not involved, it may be as quick as one or two days. You are now ready go on to

STEP 2:

The FCC will e-mail you a request to pay \$35 via a credit card. This must be done within 10 business days. They will then change the database to show your new expiration date. They no longer mail licenses; you have to print it out from the FCC ULS site.

Scott KO8O

Third Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is August 20th. Join us at the Perkins Family Restaurant, 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am Breakfast orders are taken around 8:30am.. Club membership is not a requirement to attend, and group averages 15-20 people from all around the area. A chance to meet other Hams, talk over the news of the day and maybe find a buyer for your spare equipment. Bring your significant other, or a friend, to breakfast. Good food and conversation.



LCARA Board Meeting

Board Meeting



The LCARA Board meets virtually online on the second Wednesday of each month.

. Meetings are open to all members.

Contact any board member if you'd like to attend.

Our Weekly Nets

Lake County ARES Net

The ARES Net is held **weekly on Mondays at 7:30 pm on 147.210/R (b/u 147.255/R)**. This directed net is open to all licensed amateur radio operators. You do not need to belong to ARES to participate. This net is provided for operators to verify the proper operation of their stations equipment and capabilities, should they be called upon in the event of an emergency. Volunteer to be Net Control or Alternate Net Control. Prior experience is not necessary. Training will be provided. Everyone is welcome.

2 Meter Net

The 2 Meter Net runs **weekly on Thursdays at 7:00 pm on 147.210/R**. This is an informal net. Participant discussions vary on a range of subjects for the good of the group. It's a great time to ask questions, especially for new operators. List your items related to ham radio that you want to sell or swap and mention any sunshine reports you have to share. We also present the latest weekly edition of the ARRL Audio News. We are always looking for alternate net control operators.

10 Meter Roundtable

The 10 meter Roundtable meets **weekly on Wednesdays at 8:30 pm on 28.450 MHz +/-**. This is an informal roundtable where the group chats about anything that comes to mind and rag chew about any topic or events of the day. You don't need to be a LCARA member, just have at least a Technician license and some 10 meter gear. It's an opportunity to re-connect with friends or make some new ones. Anyone can start it off so don't be shy.

Other Weekly Nets

Monday

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

20:00 – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - then moves to 147.435/s)

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Tuesday

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

19:15 – Ohio HF Emergency Preparedness Net - 3.910 MHz (+/-) or 7.240 (+/-)

19:30 – Swap-N-Shop – 147.015 (pl 110.9)

19:45 – Ohio Digital Emergency Net - 3.584.5 (USB) - 1500 Hz data carrier offset – Olivia 8-500

21:00 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Wednesday

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

20:00 – Quarter Century Wireless Association Net – 147.015 (pl 110.9)

Thursday

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

19:30 – Ohio ARES Dist.10 DMR Net – TG 31395

20:00 – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echo link node- N8CT/L)

20:00– Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)

20:00 – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input) (Echo link: K8BF-L node #508081)

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Friday

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

21:00 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Saturday

09:00 – Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

14:00 - . Swan Tech Net – 7.235 MHz

15:30 – Kenwood Hybrid Tech Net – 7.235 MHz

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

Sunday

08:00 – DX 60 Net – 3.880 MHz – **AM mode**

09:00 - Trivia Net – 146.940 (pl 110.9)

10:30 – 16:45 – 18:45 – OSSB Net – 3.9725

16:00 – Drake Tech Net – 7.238 MHz

18:00 – Ohio (slow) – 3.53535

18:45 – Buckeye (early) – 3.580

21:00 – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Sell, Seek or Trade

Joseph Koskovics < n8jko@outlook.com >

For Sale:

Diamond k 400-38c lip mount (never used) List \$78.00 - asking \$40.00

Barjan Vice-Grip antenna mount (have 3, still in original packaging). List \$28.00 – asking \$10 each.

Contact by email or call (216) 952-5789

Cal Pengov < cpengov@att.net >

For Sale:

Mosely TA36

Six element beam with rotor and manual \$250.00

Collins 30L-1

HF Linear Amplifier with high output tubes with manual \$800.00

Bill Collins < 440-221-9150 >

For Sale:

1) Ameritron 811 Amp \$600.00

2) Palstar AT2K 200 watt tuner \$500.00

3) Alinco DR735 2mtr/70cm \$250.00 (incl. RT Software and prgmng cable)

4) Yeasu FT2000 HF/50mhz txcvr \$1200.00 (incl MD100 mic)

5) SO2000 spkr \$150.00

6) Stryker HP955 10 mtr txcvr \$350.00



August 2024

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1 2 Mtr. Net 7:00pm – LIVE on YOUTUBE	2	3 VE testing @ Kirtland Public Library Columbus Hamfest
4	5 ARES Net. 7:30pm	6	7 LCARA Club Meeting 7:30pm	8 2 Mtr. Net 7:00pm	9	10
11	12 ARES Net 7:30pm	13	14 Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	15 2 Mtr. Net 7:00pm	16	17 Rock Hall Half Marathon
18 Tri-CLE Rock Roll Run Warren Tailgate Hamfest	19 ARES Net 7:30pm	20 3 RD Tuesday Breakfast	21 10 Mtr. Net 8:30pm	22 2 Mtr. Net 7:00pm	23	24
25	26 ARES Net. 7:30pm	27	28 10 Mtr. Net 8:30pm	29 2 Mtr. Net 7:00pm	30	31

QRZ Ham Radio Trivia Quiz Answers

The approximate altitude of the E-layer in Kilometers is?

- A: 10-15 Km
- B: 50-80 Km
- C: **90-150 Km (Correct)**
- D: 25-55 Km

What early radio amateur went to Washington, DC in 1910 and convinced Congress that only radio transmitters should be licensed, not receivers?

- A: Hiram P. Maxim, W1AW
- B: Clarence D. Tuska
- C: **Charles Stewart, 3ZS (Correct)**
- D: Irving Vermilya, 1ZE

What radio manufacturer in the 1940's called themselves "America's Oldest Radio Manufacturer"?

- A: Zenith
- B: **Howard (Correct)**
- C: Hammarlund
- D: Hallicrafters

What is IR compensation?

- A: Amplifier circuit used to boost Infra-Red diode output.
- B: **Device that compensates for voltage drop due to current flow. (Correct)**
- C: A red lens designed to filter emitted IR light.
- D: Night vision sensitivity control.

The *PATCH*, Published by the Lake County Amateur Radio Association

Amateurs Code

By Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

BALANCED..... Radio is an avocation, never interfering with duties owed to family, job, school or community.

CONSIDERATE..... Never knowingly operate in such a way as to lessen the pleasure of others.

FRIENDLY..... With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.

LOYAL..... Offering loyalty, encouragement and support to other amateurs, local clubs and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.

PATRIOTIC..... With station and skill always ready for service to country and community

PROGRESSIVE..... With knowledge abreast of science, a well built and efficient station and operation beyond reproach.

LCARA was organized for the purpose of furthering Amateur Radio by increasing the technical knowledge and operating proficiency of radio amateurs through continuing education, public service and acting as a vehicle of communication by, between and with the members of the association. LCARA is an incorporated association chartered under the laws of the State of Ohio and is an exempt organization under section 501(c)(3) of the Internal Revenue Code. Contributions to LCARA are welcome and are fully deductible from Federal Income Tax. Items may be reprinted by other non-profit publications without prior permission providing credit is given to the original source and The LCARA Patch.

The Lake County Amateur Radio Association

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Painesville, OH 44077-1032*

Proudly serving Lake County & NE Ohio since 1978

To contact us, send an e-mail to: <https://www.lcara.org/contact-us/>

Voice Repeaters N8BC

*147.210 (+.600 MHz) - PL 110.9 Hz
Echo link N9IJG/R Node #665499
224.500 (- 1.6MHz) - PL 141.3 Hz.
444.650 (+ 5.0MHz) - PL 131.8 Hz.*