



## The LCARA Patch

10 METER ROUNDTABLE  
WEDNESDAY @ 20:30 HRS  
28.450 MHz

[www.lcara.org](http://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 AA8OY  
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	AA8OY
Field Day Chair	Jim Pyle	AA8OY
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 will be held on  
December 4th  
UH Tri-Point Physicians Pavilion  
7590 Auburn Rd.  
Ground Floor – Meeting Room #2

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## Message from the President

Greetings,

**Our next club meeting will be held on December 4<sup>th</sup>, at the UH Tri-Point Physicians Pavilion Building.** Enter via the ground floor just off the north parking lot and continue past the elevators down the hall to find the meeting room, on the right. For those who cannot attend, we will as always, stream the meeting online via Zoom. Hope to see you there.

Sadly, we report that Brian Pengov (N8GMD) former member and son of Cal and Penny, passed away this month. Our thoughts are with his family as we extend our condolences. His notice is in this issue.

The Lake County History Center is holding their annual open house with activities on December 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 20<sup>th</sup>, from 10am until 4pm. If anyone is interested in staffing our radio room for a few hours on any of these days, please contact myself or Bob (K8QXO).

It is time to renew your LCARA membership for 2025. Renewal forms and payment instructions are available on our website. We do accept payment by mail or credit card. You can also pay by cash (or check) if renewing in person at a club meeting.

Best of the holidays to everyone!

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

### Membership Meeting Minutes for 11/6/24

#### Board Members Present:

KB8BKE – Ed Kopcak - President / Treasurer  
N8IKO – Joe - Member at Large

#### Attendees:

Bob K8BL	Tom WB8LCD
Greg WE8WZT	Greg AD8MN
Neal NF1X	Bob KF8AIM
Bob N8KBX	Norb
Don WA8TWM	Matt
Jim AA8OY	Vito AD8OI
Bob W2THU	Rick W8QL
Larry WB8PHI	Bill N8WCL
Mike WB8ZGH	Ron N8UN
Jack KB8OF	

#### President: ED (KB8BKE):

- The meeting was called to order at 7:30 pm at Tri-Point Physicians Pavilion.
- Tom Sly (WB8LCD) gave a presentation on the state of amateur radio and the level of licensed hams in recent years, and then spoke extensively about his experience operating QRP. Check out more resources at: <https://arri-ohio.org>
- The minutes from the November meeting were approved.

#### Member At Large: Joe (N8JKO)

- Joe has a series of speakers lined up for February, March and April and thanks everyone for all the suggestions.

#### Radio / Repeaters: Bill (N8IJG):

- The repeaters are fully operational

#### Secretary Report: Tom (KE8HJL)

- No report

#### Treasurer Report: ED (KB8KBE):

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- Treasury is in good shape. We will have a budget meeting in Dec.

**Sunshine:** Bob K8QXO

- No report

**DX Report:** Jim (AA80Y)

- See Jim's Report

**Public Service / ARES:** Mike (WB8ZGH)

- No report

**Historical Society:** Bob K8QXO:

- They are holding Christmas open house on December 5<sup>th</sup>, 6<sup>th</sup>, 7<sup>th</sup> and 20<sup>th</sup>. We are seeking folks to man the radio room. Contact Ed or Bob

**ARRL Liaison:** Bob (W2THU):

- The ARRL has a sponsor for the Home Readiness Bill. It will enable you to put an antenna up in an HOA

**Ohio Legislative Liaison:** Bob (W2THU)

- No news on legislation.

**VE Testing:** Don (WA8TWM)

- Last session of the year is December 7<sup>th</sup>.

**Nets:** Ed (KB8BKE)

Monday: 7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255 – pl 110.9)

Wednesday: 8:30 pm. – Lake Co. ARA 10 Meter Round-Table Net – 28.450 MHz +/-

Thursday: 7:00 pm. – Lake Co. ARA 2 Meter Net – 147.210 (pl 110.9)

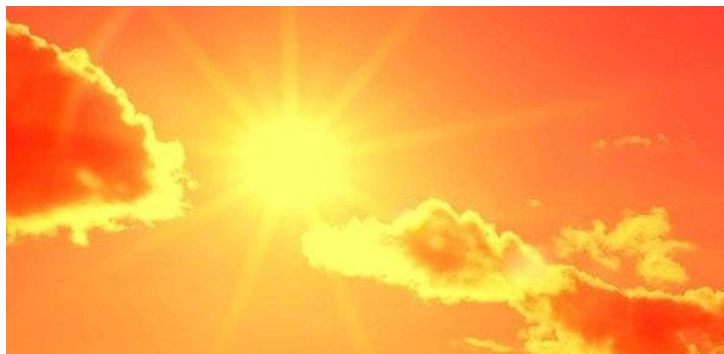
**New Business:**

- None

50/50 Raffle - \$34 -

Meeting adjourned at: 9 p.m.

Submitted by bke



## Sunshine Report for December 2024

by: *Bob Mekinda K8QXO*

**Brian A. Pengov (N8GMD)**



Brian A. Pengov, 55, of Mentor, passed away peacefully Saturday, Nov. 16, 2024, at his home.

Born Oct. 20, 1969, in Painesville, Brian was a lifelong Mentor resident.

Brian loved riding his Harley Davidson Roadglide and his cats, Vanny, Lilly and Peppy. He took pride in his home, enjoyed hanging out in his backyard, landscaping and grilling. Brian was an avid Cleveland sports fan, especially the Cleveland Browns. His hobbies included watching Nascar, fishing, operating his Ham radio and just tinkering around in the garage. Brian had worked at Tru-Fab Technology and was a member of LCARA-Ham Radio Club.

He was the beloved husband of 16 years to Linda (nee Harrison) Pengov; son of Clarence and Yvette (nee Yasika) Pengov; brother of Wayne (Cindy) Pengov, Bridgette (Dan) Moser, Kim (Dennis) Stefko, Michelle (Steve) Balcerzak and Nicole (Jim) Anderson; son-in-law of Elaine Maslowski; and uncle of many.

Family will receive friends from 4 to 8 p.m. Friday, Nov. 22, at McMahan-Coyne-Vitantonio Funeral Home, 6330 Center St. (Rt. 615, N. of Rt. 2), Mentor. A Funeral Service will take place 10 a.m. Saturday, Nov. 23, at the funeral home. Fr. Thomas Elsasser will officiate. Burial to follow service at Mentor Cemetery in Mentor.

In lieu of flowers, donations in Brian's name may be made to Cleveland Clinic/Philanthropy Institute, PO Box 931517, Cleveland, OH 44193-1655, Winky Cats of Ashtabula, 1014 W. Main Ct., Geneva, Oh 44041 or another cat rescue of your choice.

To leave condolences for the family, visit [www.MCVfuneralhomes.com](http://www.MCVfuneralhomes.com).

11/29

*Sadly, we have just heard that Pete Harmon (W1BKZ) is now a SK.*

*We were informed of Pete's passing today. Sally informs us that he had just been returned home from hospice care and passed in his sleep. Per his request, there will not be any services.*

<https://www.qrz.com/db/W1BKZ>



**PETER A HARMON**

## Backscatter for December 2024

by: *Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**147 Years Ago:** Thomas Edison demonstrated the first sound recording, reciting “Mary had a Little Lamb” at his Menlo Park Laboratory, making the first surviving recording of the human voice.

**67 Years Ago:** The first full-scale atomic electric generating station in the U.S. began operation in Shippingport, PA. The plant reached full power 21 days later, generating 60 megawatts. It was designed by the Westinghouse Electric Corporation in cooperation with the Division of Naval Reactors of the Atomic Energy Commission, and was retired in 1982.

**55 Years Ago:** The internet is born. ARPANET grew to four nodes when ARPA, the Department of Defense's Advanced Research Projects Agency, connected computer network nodes at four universities: the University of California, Los Angeles, the Stanford Research Institute in Menlo Park, Calif., U.C. Santa Barbara, and the University of Utah. Initial test login characters had been sent from a ULCA computer to a computer at Stanford, which had been permanently connected through early routers, small packet-switching computers then called Interface Message Processors.

**45 Years Ago:** The amateur population declines by more than 2000 in September, with Novices leading with a decline of 1693. The total US amateur count is now 362,356

CB magazine announces a nine month Novice training program, to start in the January issue. The editor, WB6NOA, Gordon West, says that students will be quizzed at the end of each month with “FCC type questions”.

Newsletter editor Mike, WD8IVL, asks for more articles, requesting they be written in English “or a language which translates easily to it”.

**40 Years Ago:** Newsletter editor Gary, KC8GN, accepts a job on the West Side! Jim Thistlewood, KD8SW, steps up to fill his shoes.

The FCC releases a Notice of Proposed Rule Making, implementing amateur access to 10.100-10.150 MHz, and 24.890-24.990 MHz Existing government fixed operations precludes access to 10.100-10.150 for another five years.

**35 Years Ago:** Dr. Deviation, aka Rusty, WA8HAR, warns of an outbreak of unsoldered braids on PL259 connectors, and urges radio ops to practice “safe solder”. The braid should always be folded back, tinned, the



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connector screwed on, and then soldered. Failure to do so may result in symptoms that may not be recognizable for months, or even years afterwards.

LCARA announces a Special Events station to celebrate the 150<sup>th</sup> anniversary of Lake County. The Historical Society agrees to provide operators with a summary of Lake county history for use on the air.

The Mentor input, located at Mentor fire station #5, is now on the air.

**30 Years Ago:** LCARA's crack Field Day team takes top honors in the 9A class, and places #4 nationally in all classes.

After 15 years of publication, the GO List goes QRT.

**25 Years Ago:** License restructuring has moved to the front burner at the FCC, with a Report and Order expected within a month or two. The final form is unknown, but a year earlier the FCC had proposed elimination of Novice and Tech Plus licenses, leaving only four classes – Tech, General, Advanced and Extra. The role of code is unknown.

**20 Years Ago:** Bharathi, VU2RBI has received permissions to activate the Andaman Islands for the first time in 17 years. Calls will be VU4NRO AND VU4RBI.

Field Day results are announced, with LCARA placing 4<sup>th</sup> in 7A nationally. We were the top scoring station in Ohio for all classes, and 3<sup>rd</sup> highest in the 8<sup>th</sup> call area.

**15 Years Ago:** LCARA is tops in Ohio Field Day results. Of 41 6A stations nationally, we were 1<sup>st</sup> in Ohio, and 7<sup>th</sup> nationally!

**10 Years Ago:** LCARA places in the top 3% nationally of all Field Day stations in the 100 watt class.

Vance (KA8YHZ) describes his bicycle mobile operation assisting the Lake Health Marathon.

**5 Years Ago:** The Radio Room at the Historical Society is mobile, well, moving down the hallway to a larger room.

After hosting the .81-.21 two meter net for many years. Bill Wihebrink N8IJG retires from net control.

Field Day results are in, and LCARA finished 2<sup>nd</sup> in Ohio class 6A, and in the top 2% of all entries countrywide.

## DX Alert

by: *Jim Pyle AA8OY*



### December 2024 DX Alert

**3W --Vietnam** -- KU1CW, Alex, is living and working in Saigon and operating as 3W9A. His stated focus is on the low bands and 10M openings.

**4X – Israel** - State of Israel Special event stations 4X8NER and 4Z8NER will celebrate Hanukkah, the Festival of Lights, starting on the first day , December 25, 2024 and continuing through the eighth day, January 2 , 2025

**CU – Azores** - KL7VO, Philip, will be QRV December 9 - 17 from Terceira Island as CT8/KL7VO.

**EA6 – Balearic Islands** (and more) EA6/DH8GHH, Gerrit, plans a short holiday trip.

**HC – Ecuador** - NE8Z, Rick, operating his HC1MD/2 station, will be mostly active on 6 M over the next month. Watching daily in all directions for six - meter openings,” he says. He will mostly be on FT8 but if the F2 is good , he will try SSB on 50.110 MHz and CW on 50.097 MHz

**9V – Singapore** -- OE3OGC, Orion, is going to Singapore. He will “fit in” activity when he gets the chance, emphasizing that this is not a DXpedition. His temporary call sign, 9V1CF, is valid November 27-December 10. This will be mainly SSB, but he will try FT8 on 40-10M.

**OA – Peru** -- HC1MD/2 Rick, (aka NE8Z), convinced OA1F, Carlos, to fix his four-element 6M Yagi. Carlos is now QRV daily on the Magic Band, running 100W on 6M FT8.

Happy hunting!

Jim, AA8OY

Thanks to Weekly DX and ARRL DX

**Upcoming Contests:** (from the OSJ)

Contest	Start Date	End Date
CQ WW DX Contest, CW	11/23/2024	11/24/2024
ARRL 160M contest	12/6/2024	12/8/2024
ARRL 10M Contest	12/14/2024	12/15/2024
EUCW 160M Contest	1/4/2025	1/5/2025
YB DX Contest - SSB	1/11/2025	
North American QSO Party, CW	1/11/2025	1/12/2025
YB DX Contest	1/11/2025	1/11/2025
North American QSO Party, SSB	1/18/2025	1/19/2025
ARRL VHF Contest`	1/18/2025	1/20/2025
CQ 160M CW	1/24/2025	1/26/2025

**Upcoming Ham Fests:** (from the OSJ)

<p><b>12/07/2024 - <a href="#">Winter Hamfest</a></b>  <b>Location:</b> Archbold, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> FCARC  <b>Website:</b> <a href="https://k8bxq.org/hamfest">https://k8bxq.org/hamfest</a>  <a href="#">Learn More</a></p>	<p><b>01/19/2025 - <a href="#">Sunday Creek Amateur Radio Federation Hamfest</a></b>  <b>Location:</b> Shade, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Sunday Creek Amateur Radio Federation  <a href="#">Learn More</a></p>
<p><b>04/05/2025 - <a href="#">Cuyahoga Falls Amateur Radio Club 69th Hamfest</a></b>  <b>Location:</b> Cuyahoga Falls , OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Cuyahoga Falls Amateur Radio Club, Inc  <b>Website:</b> <a href="https://www.cfarc-hamfest.org">https://www.cfarc-hamfest.org</a>  <a href="#">Learn More</a></p>	<p><b>07/20/2025 - <a href="#">Van Wert Hamfest</a></b>  <b>Location:</b> Van Wert, OH  <b>Type:</b> ARRL Hamfest  <b>Sponsor:</b> Van Wert Amateur Radio Club  <b>Website:</b> <a href="http://w8fy.org">http://w8fy.org</a>  <a href="#">Learn More</a></p>

## ARRL News:

- 11/22/2024 | [The K7RA Solar Update](#)



Solar activity was lower this reporting week, November 14-20, with the average daily sunspot number down from 141.6 to 99.3, and solar flux from 203.7 to 152.4. [Read More](#)

- 11/22/2024 | [25th Annual SKYWARN Recognition Day December 7, 2024](#)



SKYWARN Recognition Day is December 7, 2024. The annual event is celebrating its 25th anniversary [Read More](#)

- 11/15/2024 | [NCVEC Question Pool Committee Removes Two Pool Questions From Use](#)



The National Conference of Volunteer Examiner Coordinators ([NCVEC](#)) Question Pool Committee ([QPC](#)) has removed one Extra Class pool question and one General Class pool question from use. Both Extra pool question E2A13 and General pool question G8C01 have... [Read More](#)

- 11/08/2024 | [2024 ARRL Field Day Results Published](#)



Results are published, and the numbers are in [Read More](#)

## Ham Radio Trivia Quiz (Answers on page 23)

How many "fixed station" antennas may an amateur radio operator simultaneously operate according to FCC rules?

- A: 6 - LF, HF, VHF, UHF, SHF, MM+
- B: Not more than the number of transmitters
- C: Unlimited
- D: Not more than twice the number of transmitters.

Along with time and weather data, WWV also broadcasts a propagation forecast each hour that can be helpful to Amateur Radio operators (assuming they are able to hear this spoken segment of the broadcast)

- A: Yes this is correct
- B: No, this is incorrect
- C: This is a service that is being considered by WWV managers
- D: This was a service at one time but was discontinued in 1984 due to budget constraints

What is the function of what many hams call an "antenna tuner"?

- A: To reduce ground loop conditions that may exist on the feed line
- B: To add and subtract the output of a transmitter to match the capacity of the antenna material
- C: To match the impedance of an antenna to that of a transmitter
- D: To reduce atmospheric noise (also known as QRN)

Radio waves traveling through the troposphere are ordinarily refracted slightly...

- A: Eastward
- B: They are not normally refracted
- C: Southward
- D: Westward



## 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, December 7<sup>th</sup>

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](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](mailto:scottfarnham@roadrunner.com)

**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](http://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 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..

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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

### Print an Official or Unofficial Copy of Your Amateur Radio License

(By Anthony Luscre, K8ZT)

As of February 17, 2015, the **FCC no longer routinely issues paper license documents** to Amateur Radio applicants and licensees. The Commission has maintained for some time now that the official Amateur Radio license authorization is the electronic record that exists in its Universal Licensing System (ULS). The FCC will continue to provide paper license documents to all licensees who notify the Commission that they prefer to receive one.

Licensees also will be able to print out an official authorization — as well as an unofficial “reference copy” — from the ULS License Manager. I’ve created a set of instructions on how you can request an “**official**” **printed copy of your license\***

[Click here to download the instructions](#)

Grant Date	Effective Date	Expiry Date	Expiration Date
01/01/2008	01/01/2011	01/01/2014	01/01/2017

File Number: 00000000      Operator Privileges:      Station Privileges:      Address:      BIRTHDAY:      NONE

THIS LICENSE IS NOT TRANSFERABLE

*John Q. Amateur*  
(Licensee's Signature)      FCC 100 - May 2007



## Third Tuesday Breakfast Group 2021



Mark your calendars!

**The next meeting of the Tuesday Morning Breakfast Group is December 17<sup>th</sup>.** 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)

### **Tuesday**

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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](mailto: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](mailto: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



# December 2024

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1  1 <sup>st</sup> Sunday of Advent	2	3	4 LCARA Club Meeting 7:30pm	5 2 Mtr. Net 7:00pm	6  St. Nicholas Day	7
8  2 <sup>nd</sup> Sunday of Advent	9 ARES Net. 7:30pm  Feast of the Immaculate Conception	10	11 Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	12 2 Mtr. Net 7:00pm  Feast of Our Lady of Guadalupe	13	14
15  3 <sup>rd</sup> Sunday of Advent	16 ARES Net 7:30pm	17 3 <sup>RD</sup> Tuesday Breakfast	18 10 Mtr. Net 8:30pm	19 2 Mtr. Net 7:00pm	20	21
22  4 <sup>th</sup> Sunday of Advent	23 ARES Net 7:30pm	24  Christmas Eve	25  Christmas Day	26 2 Mtr. Net 7:00pm	27	28
29	30  New Years Eve	31  New Years Day				

## QRZ Ham Radio Trivia Quiz Answers

How many "fixed station" antennas may an amateur radio operator simultaneously operate according to FCC rules?

- A: 6 - LF, HF, VHF, UHF, SHF, MM+
- B: Not more than the number of transmitters
- C: **Unlimited (Correct Answer)**
- D: Not more than twice the number of transmitters.

Along with time and weather data, WWV also broadcasts a propagation forecast each hour that can be helpful to Amateur Radio operators (assuming they are able to hear this spoken segment of the broadcast)

- A: **Yes, this is correct (Correct Answer)**
- B: No, this is not correct
- C: This is a service that is being considered by WWV managers
- D: This was a service at one time but was discontinued in 1984 due to budget constraints

What is the function of what many hams call an "antenna tuner"?

- A: To reduce ground loop conditions that may exist on the feed line
- B: To add and subtract the output of a transmitter to match the capacity of the antenna material
- C: **To match the impedance of an antenna to that of a transmitter (Correct Answer)**
- D: To reduce atmospheric noise (also known as QRN)

Radio waves traveling through the troposphere are ordinarily refracted slightly...

- A: **Eastward (Correct Answer)**
- B: They are not normally refracted
- C: Southward
- D: Westward

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### 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*

P.O. Box 1032  
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.