



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 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

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**Our Next meeting will be held on
February 5th, 2025
UH Tri-Point Physicians Pavilion
7590 Auburn Rd.
Ground Floor – Meeting Room #2**

Message from the President

Greetings,

Our next club meeting will be held on **February 5th**. **Anthony Luscre (K8ZT) will again be our presenter speaking about Field Day.**

In person meetings are held 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.

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

Hope to see you soon.

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

As there was no meeting in January, there are no minutes.



Sunshine Report for February 2025

By: Bob Mekinda K8QXO

No Report

Backscatter for February 2025

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

128 Years Ago: Ferdinand Braun published a paper describing the first cathode-ray oscilloscope, developed as a method to record and study the time dependence of alternating currents. Cathode-ray tubes had previously been characterized by uncontrolled rays; Braun produced a narrow stream of electrons, guided by means of alternating voltage that could be traced on a fluorescent screen. A coil wrapped around the tube produced a vertical deflection of the electron beam. Horizontal deflection of the image to create a “time” axis was achieved by means of a small rapidly rotating mirror placed in front of the CRT.

112 Years Ago: A prize inserted into a Crackerjacks box for the 1st time.

79 Years Ago: ENIAC (Electronic Numerical Integrator and Calculator), the world's first electronic digital computer, was demonstrated at the University of Pennsylvania. Its birth lay in a WW II classified military project known as Project PX. It occupied a 30 by 50 foot room, and demonstrated that high-speed digital computing was possible using available vacuum tube technology. Built out of some 17,468 electronic vacuum tubes, ENIAC was in its time the largest single electronic apparatus in the world.

45 Years Ago: The FCC proposes to expand the current 19 CB channels. The additional channels will be SSB only, limited to 12 W PEP. VFO's are considered, as is a written test.

Kenwood announces a digital clock with the ability to be set to any of ten time zones, as well as local time. Suggested retail is only \$99.95!

Reciprocal operation with Canada begins. Novices, for whom there is no Canadian equivalent, are apparently excluded.

TI introduces their TI-99/4 home computer.

40 Years Ago: A new 10 meter link on the .21 repeater is demonstrated. This links the repeater to a 100 watt GE Master Pro base station on 29.6 MHz. The FCC allows Technicians to operate on 10 meters through such a link “as long as the control operator of the transmitting station is authorized for the frequency privileges being used ...”

35 Years Ago: New LCARA officers are President Dick N8FXW; VP Judy, N8JNB; Treasurer Bob, KE8PW; Secretary Dee, W1HEO; and At Large Rusty, WA8HAR.

Haunted lamps! Bob, K8BL, describes two touch-sensitive lamps in his living room that turn on and off whenever he transmits.

30 Years Ago: Bob, K8BL, apparently with his lamps turned on, describes the origin of 73 as Western Union shorthand. In 1850 it started out as “my love to you”, later evolving to “accept my compliments”, and by 1908

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to it's current "best regards". Perhaps we need to be more specific when we say 73, lest there be any misunderstanding.

The FCC proposes to allow hams to pick a call sign for \$70. The calls would be good for ten years, and be in addition to one's regular call.

25 Years Ago: Due to "overwhelming demand", the club dinner is moved from TGI Fridays to the ex-Perfect Match.

Lenny, WS8O, reports that although the LCARA ARES team was ready, Y2K was "much ado about nothing ... the world didn't come to a screeching halt at the stroke of midnight".

On December 30th the FCC announced it's long awaited license restructuring. After April 15th, there will be no new Novice and Advanced licenses, and 13 and 20 WPM code requirements are eliminated. Hams who were Tech Plus prior to March 21, 1987 may file for an automatic upgrade to General.

20 Years Ago: FCC Chairman Michael K. Powell announces that he'll step down effective "sometime in March. ARRL CEO David Sumner, K1ZZ is elated, calling Powell's performance "a deep disappointment" given his unabashed cheerleading on behalf of BPL (broadband over power lines).

15 Years Ago: In his President's Corner Patch article, Bill Wihebrink, N8IJG discusses the Rose Bowl game between the Ohio State Buckeyes and the Oregon Ducks. The Buckeyes won 26-17

10 Years Ago: The January LCARA meeting is snowed out!

Popular Communications magazine goes QRT. It's content is included in the new digital CQ Plus, along with the content of CQ VHF and WRO magazines.

Ham radio paper licenses go QRT. The FCC no longer prints paper licenses, with the official record being the Universal Licensing System (ULS) database. This is estimated to save 1/10 of a cent per US citizen.

5 Years Ago: LCARA members participate in a solar power "winter field day," yielding 348 mostly CW contacts in 24 hours. Northern Ohio solar power in February? Must have been QRP.

DX Alert

by: *Jim Pyle AA8OY*



February 2025 DX Alert

BREAKING NEWS: Mt. Athos has a written amateur radio permit allowing operation until February 3, 2025. Call is SV1GA/A on 10-160 M.

5N - Nigeria - A group of operators will be QRV as 5N9DTG from Abuja beginning around January 30 and will be here for about two weeks. Activity will be on 160 to 6 meters using mostly FT8 and FT4.

C2 – Nauru C21TS, Phil, initially planned to finish in Nauru by February 2025, but has now decided to stay until September 2025.

CN – Morocco -HB9ERD (DL3GN), Udo, is on holiday this month, operating as CN2GN from several locations throughout Morocco,

K9/N – Norfolk Island Members of the Caboolture Radio Club, including VK4AWB, Alf, are on Norfolk Island through March 1. Using the call sign VK9YB, they will be on all HF bands during the week. They will also operate FT8. Other call signs used for this operation, in addition to VK9YB will be VK9QD (club station).

PJ2 – Curaçao NF9V, Rudy, plans to be back at the PJ2T contest station February 11-18 and will be QRV outside the ARRL International DX Contest, CW as PJ2/NF9V. QSL PJ2/NF9V direct or via the bureau to his home.

8Q - Maldives -LZ5KW is QRV as 8Q7KW for two weeks. Activity is on 80 to 10 meters using mainly CW with some SSB and FT8.

9X - RWANDA, - Harald, and DF2WO will be QRV as 9X2AW from January 27 to February 15. QSL via M0OXO.

J5 - Guinea Bissau - Livio, IZ3BUR will be QRV as J52EC from January 26 to March 1. Activity will be on 20, 15, and 10 meters using SSB and various digital modes.

JD! - Minami Toshima - JD1. Take, JG8NQJ is QRV as JG8NQJ/JD1 until early March. Activity is on various HF bands using CW and some FT8.

SU – EGYPT, -Vladimir, UA4WHX is QRV as SU9VB and has been active on 20, 12, and 10 meters using CW.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and weekly DX

Upcoming Contests: (from the OSJ)

Contest	Start Date	End Date
CQ 160M CW	1/24/2025	1/26/2025
10-10 Int. Winter Contest, SSB	2/1/2025	2/2/2025
British Columbia QSOP	2/1/2025	2/2/2025
Minnesota QSOP	2/1/2025	
Vermont QSOP	2/1/2025	2/2/2025
CQ WW RTTY WPX Contest	2/8/2025	2/9/2025
ARRL Inter. DX Contest, CW	2/15/2025	2/16/2025
CQ 160M Contest, SSB	2/21/2025	2/23/2025
North Carolina QSOP	2/23/2025	2/24/2025

Upcoming Ham Fests: (from the OSJ)

Ohio Hamfests

2025

01/19/2025 - [Sunday Creek Amateur Radio Federation Hamfest](#)

Location: Shade, OH

Type: ARRL Hamfest

Sponsor: Sunday Creek Amateur Radio Federation

[Learn More](#)

03/09/2025 - [Northern Ohio Amateur Radio Society Winter Hamfest](#)

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

Website: <https://www.noars.net/hamfests/winter-hamfest/>

[Learn More](#)

03/16/2025 - [Toledo Mobile Radio Association Hamfest and Computer Fair](#)

Location: Perrysburg, OH

Type: ARRL Hamfest

Sponsor: Toledo Mobile Radio Association

Website: <http://www.w8hhf.org>

Learn More

04/05/2025 - [Cuyahoga Falls Amateur Radio Club 69th Hamfest](#)

Location: Cuyahoga Falls, OH

Type: ARRL Hamfest

Sponsor: Cuyahoga Falls Amateur Radio Club, Inc.

Website: <https://www.cfarc-hamfest.org>

Learn More

ARRL News:

- [01/24/2025 | Former QST Columnist, Dr. Emil Pocock, W3EP, Silent Key](#)



Dr. Emil Pocock, W3EP, has become a Silent Key. He passed away on January 10, 2025, at the age of 78

[Read More](#)

- [01/17/2025 | The K7RA Solar Update](#)



Geomagnetic influencers were more stable this week (planetary A index shifted from 16.9 to 10.7) and solar indicators were weaker. [Read More](#)

- [01/10/2025 | FCC Upholds Record \\$34,000 Forfeiture Against Amateur Licensee](#)



The Federal Communications Commission (FCC) assessed a record \$34,000 forfeiture against an amateur radio licensee for “willfully and repeatedly operating a radio station without authorization and interfering with the radio communications of the United States” [Read More](#)

Ham Radio Operators Serving During California Firestorms

As the firestorms across Southern California continue to threaten millions of residents, trained amateur radio operators are serving critical volunteer roles to help officials spot fires before they get out of control. Dry conditions and wind gusts of up to 100 miles per hour have fueled days of devastating wildfires. Entire neighborhoods have been leveled by infernos.



Damage from the Eaton Fire. US Air National Guard Photograph by Tech. Sgt. Joseph Pagan.

The Eaton fire burned to the top of Mount Wilson, a critical logistical post for broadcast radio and television stations, as well as communications across the Southland. Federal agencies, air traffic control, local emergency responders, radio amateurs, and others all share tower space on the mountain.

While the main fires have been burning north and northwest of the central section of Los Angeles, just to the south, hams are standing watch. [Orange County Fire Watch \(OCFW\)](#) is a program locally organized by the Orange County Parks Department and the Irvine Conservancy.

During severe fire weather, volunteers go to preassigned locations within parks and open spaces to report conditions. Many of them are hams, using the amateur radio bands to fill in mobile network weak zones.

[ARRL National Instructor Gordon West, WB6NOA](#), is among the deployed volunteers. He said hams are stepping up. "We're all over the [ARRL Orange Section](#) on hilltops, reporting the wind and humidity, ash seen coming down, scanning for spot fires (none so far), smoke from the LA fires, guest activity at the parks, and being a presence at trailheads with reflective vests and vehicle signs indicating Fire Watch," he said.

Ray Hutchinson, AE6H, is a retired firefighter who serves as the chief radio officer for Fire Watch. He says local clubs are key to providing the needed RF infrastructure. "Our local club, the [South Orange Amateur Radio Association](#) (SOARA), an ARRL Special Service Club, provides linked 2-meter and 70-centimeter repeaters: one high level and one coastal, for use by OCFW hams during deployments. There is a formal OCFW Net

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Control Station (NCS) for the entirety of these events.

Radio amateurs are also ready and able to serve at evacuation centers, providing support as needed.

Members of ARRL Headquarters staff have been in touch with ARRL volunteers and other ham radio groups around the affected area, and are offering material support for any activations. "It has been a busy start to the year for ham volunteers," said ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX. "Whether it's firestorms or ice storms or any other need, ARRL volunteers selflessly serve their communities. We're mindful that large-scale events like this impact the hams who are active serving," she said.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, has been on calls with the Federal Emergency Management Agency (FEMA) and other served agencies, offering ARRL resources. Efforts are being coordinated locally by [Emergency Network Los Angeles \(ENLA\)](#), the Voluntary Organizations Active in Disaster (VOAD) group in Southern California.

Johnston urges hams in the affected regions to be ready to take care of themselves and their families before needing to deploy. He points to resources shared by [ARRL's Amateur Radio Emergency Service® \(ARES®\)](#) during National Preparedness Month last September. "These are stressful events for everyone, and being a ham volunteer is really second to keeping yourself and your family safe," said Johnston.

SEE ARTICLES:

[Resilience Through Amateur Radio for National Preparedness Month](#)

[National Preparedness Month: Ensuring Family Safety](#)

[National Preparedness Month - Station Readiness](#)

[National Preparedness Month - Get Involved](#)

Ham Radio Trivia Quiz (Answers on page 22)

How much did the ARRL License Manual of 1935 cost?

- A: 10 cents
- B: 25 cents
- C: 50 cents
- D: One dollar

The first telegraph line in the U.S. ran between which two cities?

- A: Baltimore to Washington D.C.
- B: Philadelphia to Washington D.C.
- C: New York City to Boston
- D: New York City to Philadelphia

What facts were relevant to being granted the Conditional General Class License?

- A: The written test was given by at least a General Class Ham.
- B: The 13 word/minute send and receive code test was given by a ham.
- C: The applicant was located some distance from the FCC.
- D: All of the above.

If you are a general class amateur. Can you operate Morse code on 3505 kHz?

- A: Yes you can
- B: No you cannot



VE Testing Sessions HAM EXAMS

The Lake County Amateur Radio Association is holding its **2025** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, February 1
Saturday, April 5
Saturday, June 7

Saturday, August 2
Saturday, October 4
Saturday, December 6

This bi-monthly schedule is the first Saturday of every even-numbered, and are held at the Kirtland Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station.

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

To register, you will need a NCVEC 605 Form, which will be available at the test. It is not necessary to pre-register, but if you would like to complete the form ahead of time, be sure it is the Sept 2017 version or later. You can find it by Googling “NCVEC quick-form 605” and clicking on the ARRL url for a pdf of the form. 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, Google “New FRN” and follow the fcc.gov link.

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

In addition to the \$15 test fee, the FCC 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 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	Print Date	Expiration Date
01/02/2011	01/01/2015	01/01/2015	01/01/2019
File Number	Operator Endorsement	Station Endorsement	
00000000	Advanced	THRUOUT	
THIS LICENSE IS NOT TRANSFERABLE			
 (Licensee's Signature) FCC 000-10a 2/07			

Third Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is February 18th. 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 quarterly (unless otherwise needed).

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

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

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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



February 2025

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1 VE Testing 12:00pm
2	3 ARES Net. 7:30pm	4	5 Club Mtg. 7:30pm 10 Mtr. Net 8:30pm	6 2 Mtr. Net 7:00pm	7 Orlando Hamcation	8 Orlando Hamcation
9 Orlando Hamcation	10 ARES Net 7:30pm	11	12 10 Mtr. Net 8:30pm	13 2 Mtr. Net 7:00pm	14 Valentine's Day	15
16	17 ARES Net 7:30pm President's Day	18 3 RD Tuesday Breakfast	19 10 Mtr. Net 8:30pm	20 2 Mtr. Net 7:00pm	21	22
23	24 ARES Net. 7:30pm	25	26 10 Mtr. Net 8:30pm	27 2 Mtr. Net 7:00pm	28	

QRZ Ham Radio Trivia Quiz Answers

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How much did the ARRL License Manual of 1935 cost?

A: 10 cents

B: **25 cents (Correct)**

C: 50 cents

D: One dollar

The first telegraph line in the U.S. ran between which two cities?

A: **Baltimore to Washington D.C. (Correct)**

B: Philadelphia to Washington D.C.

C: New York City to Boston

D: New York City to Philadelphia

What facts were relevant to being granted the Conditional General Class License?

A: The written test was given by at least a General Class Ham.

B: The 13 word/minute send and receive code test was given by a ham.

C: The applicant was located some distance from the FCC.

D: **All of the above (Correct)**

If you are a general class amateur. Can you operate Morse code on 3505 kHz?

A: Yes you can

B: **No you cannot (Correct)**

Amateurs Code

By Paul M. Segal, W9EEA (1928)

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

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.

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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.*