



## 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



### LCARA Board

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

### Patch Staff

Editor: KB8BKE  
DX: AA8OY  
History: KO8O  
Sunshine: Vacant

### Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
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	Tim WA8ZWO, Nate W1OLE	
Program Director	Joe Koskovics	N8JKO
Publicity	Bob Mekinda	K8QXO
Repeater	N8IJG - KB8BKE	
Sunshine	Open	

***Our next club Meeting: July 5th, 2023  
On Zoom and in person at UH Tri-point Physician's Pavilion***

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## Message from the President

Greetings fellow travelers,

Our next club meeting is July 5<sup>th</sup>. As usual, it will be in person at the Tri-Point Physicians Pavilion, and if you prefer, available online via Zoom. We have no presenter scheduled at this time. We hope to have some information from Jim (AA8OY) as to the results of this year's Field Day activities. Thank you to all who participated this year and worked so hard to make the event happen, and to all who brought side dishes and goodies. A special shout out to Tom (KE8HJL) and Martin (KE8QWI) for their service in manning the grills for supper and breakfast. The eats were great!

The relocation of the Breckenridge remote input to Lake West is on schedule. Estimated completion date is mid July. As part of the project, the equipment at Tri-Point will also be brought up to spec. Expect to hear some "radio service" traffic on the repeater as work proceeds.

Our ARES team has an event on July 16<sup>th</sup>, and could use some help. The Lake Metropark's "Pirate Triathlon" has been held in Fairport Harbor for more than 15 years and this will be the second year we are participating. If you want to help, a sign up link is on our website located under the "Events" tab.

Remember our picnic on August 12<sup>th</sup>. If you are planning to attend, please register.

Have a safe and enjoyable 4<sup>th</sup> of July everyone!

Stay well and be safe.

'73

-Ed



## Membership Meeting Minutes

### Membership Meeting Minutes for 6.17.2023

#### Board Members Present:

KB8BKE – Ed Kopcak, President / Treasurer  
KE8HJL – Tom Revolinsky, Vice President / Secretary

#### Attendees:

Ed KB8BKE	Tom KE8HJL
Jo KESZQ	Bill N8WCL
Bill N8IJG	Neal NFIX
Marty KE8QWI	Dave KE8WOC
Paul KE9PP	Greg KE8WZT
Mike WB8ZGH	Jim AA80Y
Bob B8BL	Rick W8QL
Bob K8QXO	Chris KE8VRN

#### Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:33 p.m.
- This meeting took place in person at Tri – Point and online.

#### President – Ed (KB8BKE) mentioned:

- The motion to accept the minutes for the last meeting was accepted.

#### Speaker: N/A

#### Member At Large: Joe (N8IKO)

- N/A

#### New Business:

- The Field Day at the Lake County History Center - the lineup and team captains were discussed.
- Dinner is being provided for Field Day everyone was encouraged RSVP for dinner so we know how much food to get.
- Set up is on Friday @ 2 pm.
- We got a bid to relocate the antenna from Breckenridge to Lake West is \$3,200 from COMSERV. Once we give the go ahead, it could be online in July. We would use Ham fest Funds. Jim Motion to accept, Paul Second, all approved.
- Jim made a suggestion Breckenridge maybe a good spot for ECHO Link.
- We have a potential third site in Painesville to put remote input into Grand River, Perry and along the lake.

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

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- You can now renew membership by Credit Card on our Web Site.

### **Radio / Repeaters:** Bill N8IJG:

- The repeaters are working well.

### **Secretary Report:** Tom (KE8HJL)

- N/A

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

- Treasury is in good shape

### **Sunshine:**

- N/A

### **DX Report:** Jim (AA80Y)

- Field Day is coming out June 23,24,25. He is sent out the sign-up sheet

### **Public Service:** Mike (WB8ZGH)

- Sunday in June is this Sunday at 6:15 AM.

### **Upcoming events:**

- June 11 – Sunday in June
- June 23, 24, 25 Field Day
- July 16 – Pirate Triathlon

### **Historical Society:** Bob (K8QXO):

- N/A

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

- N/A

### **VE Testing:** Don (WA8TWM)

- 7 people tested last Saturday, and all passed.

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

No Report

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**ARES:** Joseph (N8JKO).

- Nothing to report

**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)

**50/50 winner** - \$31 – Rick W8QL winner.

Meeting adjourned at: 8:45 p.m.

Tom (KE8HJL)



### **Sunshine Report:**

Nothing to report

## Backscatter for February 2023

by: *Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**195 Years Ago:** The first U.S. hotel to install bathrooms was the Tremont House, Boston, Mass., for which the cornerstone was laid on July 4.

**72 Years Ago:** The invention of the junction transistor was announced by Dr. William Shockley in Murray Hill, N.J. This new type of transistor overcame the problems of the earlier point-contact transistor. A three-layer sandwich, the outer layers were semiconductors with too many electrons (known as N-type) and the inner layer was the opposite with too few (known as P-type). They weren't up to the point-contact transistor's ability to handle signals that fluctuated extremely rapidly, but in every other way they were superior. They were much more efficient, used very little power, and generated so much less electrical noise they could handle weaker signals than the type-A transistors ever could.

**45 Years Ago:** We're coordinated! Despite initial misgivings, the Ohio Area Repeater Council (OARC) approves our use of 147.81/.21

The ARRL approves of LCARA being an affiliated club, and have remained one ever since, plus becoming a Special Service Club years later.

LCARA provides communications for the News Herald's Johnnycake Jog.

**40 Years Ago:** The FCC drops the requirement for logging of all QSO's, including 3<sup>rd</sup> party traffic. Accordingly, the auto patch procedure is changed so it is no longer necessary to identify both parties at the end of a patch.

**35 Years Ago:** 1<sup>st</sup> readings are held for Arlene Patterson KB8DUC, and Jim Capps W8AEB.

**30 Years Ago:** A Florida ham is fined \$50,000, jailed for 60 days, and loses his license for sending false maydays. He could have been fined \$250,000.

N8ZZZ is issued. Future Tech & General calls will come from the Novice call block, starting with KB8P--

**25 Years Ago:** Microwave equipment is purchased to upgrade the .81/.21 links. The 430MHz links run full duplex at 7.5 watts. Yagis will be used to link the remote inputs with the Painesville site.

Barry Goldwater K7UGA, SK

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**20 Years Ago:** Under protection of the Israeli army, Eitan 4Z5MK, operates from the Gaza Strip, part of Palestine, E4. But as it is not approved by Palestine, it doesn't count.

**15 Years Ago:** Ron KC8BTN, Vance KA8YHZ, and Bill N8IJG, set up three stations at the Mentor Public Library to demonstrate amateur radio for Kid's Day. By the end of the day 25 kids plus 8 parents had the experience of operating a radio station.

**10 Years Ago:** 144 years after Samuel F. B. Morse sent the first telegram in Washington DC, the final commercial telegram is sent from India.

President Bob, K8QXO states "I truly believe that no other club has a better Field Day and Field Day dinner than LCARA.

**5 Years Ago:** The new Bridge Com 220 MHz is on the air!

Jim, AA8OY describes propagation conditions as "challenging".

## DX Alert

*by: Jim Pyle AA8OY*



July 2023 DX Alert

**EQUATORIAL GUINEA, 3C** Ersoy, TA2OM is QRV as 3C3CA from Bioco Island,

**LESOTHO, 7P** Schalk, A22LL has moved here and is now QRV as 7P8LL. Activity is on 80 to 6 meters.

**ST. PIERRE AND MIQUELON, FP.** Eric, KV1J will be QRV as FP/KV1J from June 27 until July 11. Activity will be on 80 to 6 meters using CW, SSB, and various digital modes, with a focus on 60 and 6 meters.



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**GUAM, KH2.** Yas, JA1QQU will be QRV as KH2/JA1QQU from June 29 to July 4. Activity will be on the HF bands from 2300 to 0200 and 1000 to 1400 UTC.

**MYANMAR, XZ.** Akio, JE2QIZ is QRV as XZ2B from Yangon until the end of September. Activity is on 15, 12, 10, and 6 meters using CW.

**MALDIVES, 8Q** CX3AN, Bert, will be active holiday style as 8Q7HU from the Maldives (AS-013) July 11-18. He will be QRV on 40-6M.

**ETHIOPIA, ET3.** W9XY, Bob, K4ZW, Ken, and LA9IAA, Bjørn have been operating from ET3AA, the Ethiopian Amateur Radio Club Society station in Addis Ababa. Ken has had success working the U.S. Midwest and West Coast on 20M.

**AMERICAN SAMOA, KH8.** N3QQ, Yuri; W8HC, Hal; and KB2FMH, James plan to operate KH8RRC July 4-18. This will be the first-ever activation of American Samoa National Park. It will count for both Islands on the Air and Parks on the Air credit.

**GREENLAND, OX** OX3LX, operated by OZ1DJJ, Bo, will be on June 28 to July 16 from grid FQ57jl on IOTA NA-018. He will focus on 6 and 4M, but may operate some HF.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX AND WEEKLY DX

### **Upcoming Contests:** (from the OSJ/WA7BNM)

July 1	RAC Canada Day Contest	<a href="https://www.rac.ca/contesting-results/">https://www.rac.ca/contesting-results/</a>
July 1	Venezuelan Ind. Day Contest	<a href="https://bit.ly/3NDZghb">https://bit.ly/3NDZghb</a>
July 1-2	Original QRP Contest	<a href="http://www.qrpcc.de/contestrules/index.html">http://www.qrpcc.de/contestrules/index.html</a>
July 1-2	Marconi Memorial HF Contest	<a href="http://www.arifano.it/contest_marconi.html">http://www.arifano.it/contest_marconi.html</a>
July 1-2	<b>DL-DX RTTY Contest</b>	<a href="http://www.drcg.de/">http://www.drcg.de/</a>
July 1-2	NZART Memorial Contest	<a href="https://bit.ly/3wYqvx1">https://bit.ly/3wYqvx1</a>
July 3	RSGB 80m Club Championship, CW	<a href="http://bit.ly/3TxCrxl">bit.ly/3TxCrxl</a>
July 5	VHF-UHF FT8 Activity Contest	<a href="http://www.ft8activity.eu/index.php/en/">http://www.ft8activity.eu/index.php/en/</a>
July 8-9	<b>10-10 Int. Weak Signal QSO Party</b>	<a href="http://bit.ly/1FrFeBc">http://bit.ly/1FrFeBc</a>
July 8-9	IARU HF Championship	<a href="http://www.arrl.org/iaru-hf-world-championship">http://www.arrl.org/iaru-hf-world-championship</a>
July 8-9	<b>World Radiosport Team Championship (WRTC)</b>	<a href="https://www.wrtc2022.it/">https://www.wrtc2022.it/</a>
July 8-9	PODXS 070 Club 40 Meter	<a href="http://bit.ly/2FUmeOL">http://bit.ly/2FUmeOL</a>
July 8-9	Veron SLP Contest	<a href="http://bit.ly/2L9eT1L">http://bit.ly/2L9eT1L</a>
July 9	QRP ARCI Summer Homebrew Sprint	<a href="http://www.qrparci.org/contests">http://www.qrparci.org/contests</a>
July 12	RSGB 80m Club Championship, SSB	<a href="http://bit.ly/3TxCrxl">http://bit.ly/3TxCrxl</a>
July 12	VHF-UHF FT8 Activity Contest	<a href="http://www.ft8activity.eu/index.php/en/">http://www.ft8activity.eu/index.php/en/</a>

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July 15-16	CQ WW VHF Contest	<a href="http://www.cqww-vhf.com/">http://www.cqww-vhf.com/</a>
July 15-16	IARU Region 1 70 MHz Contest	<a href="https://bit.ly/3r1kqvT">https://bit.ly/3r1kqvT</a>
July 15-16	<b>North American RTTY QSO Party</b>	<a href="http://ncjweb.com/NAQP-Rules.pdf">http://ncjweb.com/NAQP-Rules.pdf</a>
July 16	CQC Great Colorado Gold Rush	<a href="http://www.coloradoqrclub.org/contests/gold.htm">http://www.coloradoqrclub.org/contests/gold.htm</a>
July 16	RSGB International Low Power Contest	<a href="http://bit.ly/3TxCrXl">http://bit.ly/3TxCrXl</a>
July 17	RSGB FT4 Contest Series	<a href="http://bit.ly/3TxCrXl">http://bit.ly/3TxCrXl</a>
July 19	VHF-UHF FT8 Activity Contest	<a href="http://www.ft8activity.eu/index.php/en/">http://www.ft8activity.eu/index.php/en/</a>
July 22-30	Maidenhead Mayhem Sprint	<a href="https://w9et.com/rules.html">https://w9et.com/rules.html</a>
July 22	YOTA Contest	<a href="https://www.ham-yota.com/contest/">https://www.ham-yota.com/contest/</a>
July 27	RSGB 80m Club Championship, Data	<a href="http://bit.ly/3TxCrXl">http://bit.ly/3TxCrXl</a>
July 29	WAB 144 MHz Low Power Phone	<a href="http://bit.ly/31yE4kT">http://bit.ly/31yE4kT</a>
July 29-30	RSGB IOTA Contest	<a href="http://bit.ly/3TxCrXl">http://bit.ly/3TxCrXl</a>
July 30	ARS Flight of the Bumblebees	<a href="http://arsqrp.blogspot.com/">http://arsqrp.blogspot.com/</a>

Check out the WA7BNM Contest Calendar page (<https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details. I also have a comprehensive list that can be imported to your calendar at [www.aj8b.com/files](http://www.aj8b.com/files)

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

<p><b>07/08/2023 - <a href="#">Mansfield Trunkfest 2023</a></b>  <b>Location:</b> Mansfield, OH  <b>Sponsor:</b> Intercity Amateur Radio Club  <b>Website:</b> <a href="http://iarc.club">http://iarc.club</a>  <a href="#">Learn More</a></p>	<p><b>07/15/2023 - <a href="#">NOARSFEST</a></b>  <b>Location:</b> Elyria, OH  <b>Sponsor:</b> Northern Ohio Amateur Radio Society  <a href="#">Learn More</a></p>
<p><b>07/16/2023 - <a href="#">Van Wert Hamfest</a></b>  <b>Location:</b> Van Wert, OH  <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>	<p><b>07/22/2023 - <a href="#">Ashtabula County Hamfest 2023</a></b>  <b>Location:</b> Pierpont, OH  <b>Sponsor:</b> Amigos Radio Club Ashtabula  <b>Website:</b> <a href="https://sites.google.com/view/arca-home/">https://sites.google.com/view/arca-home/</a>  <a href="#">Learn More</a></p>
<p><b>8/05/2023 - <a href="#">2023 Columbus Hamfest</a></b>  <b>Location:</b> Grove City, OH  <b>Sponsor:</b> Aladdin Shrine Audio Unit  <b>Website:</b> <a href="http://www.columbushamfest.com">http://www.columbushamfest.com</a>  <a href="#">Learn More</a></p>	<p><b>08/12/2023 - <a href="#">Cincinnati Hamfest</a></b>  <b>Location:</b> Owensville , OH  <b>Sponsor:</b> Milford ARC  <b>Website:</b> <a href="https://CincinnatiHamfest.org">https://CincinnatiHamfest.org</a>  <a href="#">Learn More</a></p>

## LCARA Events:

7/16	<b>Pirate Triathlon</b> <a href="#">Sign Up HERE</a>	<b>Fairport Harbor</b>	<b>05:30-12:00</b>
8/06	<b>Lighthouse Half Marathon</b> <a href="#">Sign Up HERE</a>	<b>Fairport Harbor</b>	<b>05:30-12:00</b>
8/12	<b>LCARA Picnic</b> <a href="#">Information</a>	<b>Chagrin River Rural Park</b>	<b>15:00-20:00</b>

## Other Local Events:

### Pan Ohio Hope Ride Request for Assistance

We are currently looking for additional volunteers for the 2023 Pan Ohio Hope Ride (POHR). POHR is a charitable bicycle ride that supports the American Cancer Society. It is a 4-day ride that spans the state from Cleveland to Cincinnati, with overnight stays along the way in Wooster, Westerville, and Dayton. Thursday, July 20th - Sunday, July 23rd 2023

We are currently looking for assistance in the following roles:

- SAG (Support and Gear) drivers
- Rest Stop Transportation Officers

Thanks again and I look forward to your assistance!

**Mat Nickoson KC8NZJ COML**

[Event Support Group Founder](#)

**Ohio ARES District 10 Emergency Coordinator**

**Cuyahoga County/Cleveland Weather Skywarn Coordinator**

## Ohio Section News:

### Ohio Section Cabinet

Section Manager – Tom Sly, WB8LCD	Section Traffic Manager – David Maynard, WA3EZN
Section Emergency Coordinator – Bret Stemen KD8SCL	Section Youth Coordinator – Anthony Luscre, K8ZT
Technical Coordinator – Jeff Kopcak, K8JTK	Affiliated Clubs Coordinator – Amanda Farone – KC3GFU
State Government Liaison – Bob Winston, W2THU	Public Information Coordinator – Elizabeth Klinc - KE8FMJ

## ARRL News:

☐ [06/27/2023 | Update: FCC ULS System Restored](#)



The FCC Universal Licensing System (ULS) has resumed operations, including the Electronic Batch Filing system (EBF). As of June 27, 2023, all systems have been reported to be working. However, visitors to the website will see a message referring them to [Read More](#)

☐ [06/23/2023 | The K7RA Solar Update](#)



Sunspot numbers and solar flux rose this week. [Read More](#)

☐ [06/13/2023 | Legislation to Remove Private Land Use Restrictions on Amateur Radio Introduced in Congress](#)



Congressmen Bill Johnson (OH-06) and Joe Courtney (CT-02) reintroduced a bill in the US House of Representatives on June 12 H.R.4006 to remove private land use restrictions that prohibit, restrict, or impair the abi [Read More](#)

Ham Radio Trivia Quiz (Answers on page 23)

In what year did Art Collins start his radio company?

A: 1928

B: 1933

C: 1944

D: 1945

When Novices had distinctive callsign prefixes, what other prefix was used besides WN and KN?

A: NN

B: NO

C: WV

D: WZ

Which State has the most hams per capita?

A: California.

B: Alaska.

C: Florida.

D: Arizona.

What do the abbreviations AM and FM stand for?

A: Amplitude Modulation and Frequency Modulation

B: Added and Fixed Modulation

C: Angle Modulation and Fast Modulation

D: Alternating and Flywheel Modulation



## HAM EXAMS in 2023 Held At KIRTLAND PUBLIC LIBRARY

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

Saturday, August 5  
Saturday, October 7  
Saturday, December 2

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). They 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. If you would like to complete one 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 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](http://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](mailto: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 NCVFC Form 605, available in pdf from several sources if you Google "NCVFC 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..

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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..

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



## 3<sup>rd</sup> Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **July 18<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 await.



## LCARA Board Meeting

### Board Meeting



The LCARA Board currently meets virtually. We will resume in person meetings as soon as it is deemed safe to do so.

Board meetings are usually held at the Tri-Point Medical Center - Physicians Pavilion, lower level in Rm.1002, every 2<sup>nd</sup> Wednesday.

To find Rm. 1002 using the pavilion entrance, simply continue down the hallway into the hospital and past the food court. You may also enter via the hospital main entrance and take the elevator to the ground floor. The room is located just to the right of the main elevators. **All members are welcome.**

## 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)

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

18:00 – Ohio (slow) – 3.53535

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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

Jo Lefler < [jolefler@yahoo.com](mailto:jolefler@yahoo.com) >

**Wanted:**

Older reasonably priced 10 meter all mode transceiver. Working condition. Output wattage not important

Joseph Koskovics < [n8jko@outlook.com](mailto:n8jko@outlook.com) >

**For Sale:**

Flight Case: \$60.00

The case is a Stellar Labs flight case, from the former MCM Electronics. It is a 4 rack space unit that has a 7 in high opening with rack rails. The case is 15 in deep and accommodates standard rack shelves. The unit has seen no real use and is in mint condition and includes one rack shelf. Price is \$60. Please contact by email.

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



# July 2023

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
						1
2	3 LC ARES Net 7:30pm	4  Independence Day	5 1 LCARA Meeting 7:30pm 0 Mtr. Net 8:30pm	6 2 Mtr. Net 7:00pm	7	8
9	10 LC ARES Net 7:30pm	11	12 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	13 2 Mtr. Net 7:00pm	14	15
16 Pirate Triathlon	17 LC ARES Net 7:30pm	18 3 <sup>RD</sup> Tuesday Breakfast	19 10 Mtr. Net 8:30pm	20 2 Mtr. Net 7:00pm	21	22
23	24 LC ARES Mtg. 7:30pm	25	26 10 Mtr. Net 8:30pm	27 2 Mtr. Net 7:00pm	28	29
30	31 LC ARES Mtg. 7:30pm					

## QRZ Ham Radio Trivia Quiz Answers

In what year did Art Collins start his radio company?

A: 1928

B: 1933 (Correct Answer)

C: 1944

D: 1945

When Novices had distinctive callsign prefixes, what other prefix was used besides WN and KN?

A: NN

B: NO

C: WV (Correct Answer)

D: WZ

Which State has the most hams per capita?

A: California

B: Alaska (Correct Answer)

C: Florida

D: Arizona

What do the abbreviations AM and FM stand for?

A: Amplitude Modulation and Frequency Modulation (Correct Answer)

B: Added and Fixed Modulation

C: Angle Modulation and Fast Modulation

D: Alternating and Flywheel Modulation

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### Amateurs Code

By Paul M. Segal, W9EEA (1928)

#### The Radio Amateur is:

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

**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.

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

**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.

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

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

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 fully deductible from Federal Income Tax. Regular and Senior Dues are \$20.00 per year, Family (household) \$30.00, Students \$10.00. Items may be reprinted by other non-profit publications without prior permission providing credit is given to the original source and The LCARA Patch. Articles from members are welcome.

#### *The Lake County Amateur Radio Association*

*P.O. Box 868  
Painesville, OH 44077-0868*

*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 tone of 110.9 Hz  
Echo link N9JG/R Node #665499  
224.500 - 1.6MHz -PL tone of 141.3 Hz.  
444.650 + 5.0MHz -PL tone of 131.8 Hz.*