



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



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: June 7th, 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 meeting is on June 7th at UH Tri-Point. We will be going over planning for Field Day activities. I encourage you to attend this meeting either in person or online if you want to help in any way, or are joining us only for dinner. We would especially like to get a head count for dinner, so, whether attending the meeting or not, kindly let us know as soon as possible. Of course, if you feel you want to just stop by to say hello during the event and maybe bring along any "hams-to-be", visitors are welcome.

Also we will be discussing plans to make some needed improvements to our repeater system and explain a pay-by-credit card option for dues payments for both renewing and new members, which has recently been launched and is available for use.

Our ARES group is looking for volunteers for the Fairport Harbor Mardi-Gras Parade on June 29th. We assist parade officials with staging the various "floats" in some semblance of order for judging. Plus you get to ride along on the route if you want. How cool is that??

Registration links for all LCARA activities can be found on our website under the "Events" tab.

For those dads among us, hope you have a GREAT Father's Day!

Stay well and be safe.

'73

-Ed



Membership Meeting Minutes

Meeting Minutes for 5/1/2023

Board Members Present:

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

Attendees:

Dale KG6WGO	Jim AA8OY
Larry WB8PHI	Cal W8BZB
Ron NU8N	Mike WB8ZGH
Edwin	Tim WA8ZWO
Bob K8BL	Bob K8QXO
Greg KE8WZT	Rick W8QL
Neal NFIX	Bob N8KBX
Evan W8LSQ	Sean N8QBC
Jo KB8SZQ	Marty KE8QWI
Don WA8TWM	Bob WZTHU
Bill N8IJG	John KB8YJY
Frank K8WLF	Bill N8WCL
Nate: W1OLE	

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:39 p.m.
- This meeting took place in person at Tri – Point in Painesville Ohio

President – Ed (KB8BKE) mentioned:

- The motion to accept the minutes for the last meeting was accepted.
 - A discussion was held that there is a cost to renew our FCC licenses and the difficulty to renew the license.
 - Also, the difficulty in renewing the Ohio Ham license plate at the DMV

Speaker: None

Member At Large: Joe (N8IKO)

- We have the following speakers scheduled:
 - Scott Yonlly in September
 - Project Dawn (Opioid Crisis / Narcan) – OCT
 - Doug Friedt (MARS) for November.

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New Business:

- ED mentioned that club members can renew the membership to ARRL through LCARA and we would receive a commission of \$5 from the ARRL.
- Bob mentioned that AM radio is possibly going to be eliminated by car manufacturers because of noise issues in electric cars.
- Tom mentioned that on April 24th there will be a total eclipse with the path of totality going thru Avon. There is concern about infrastructure issues and difficulties with communication as the population in our area is expected to double to triple.

Radio / Repeaters: Bill N8IJG:

- He is again live streaming the 2 meter net on YouTube. Only the first edition of the month.
- The repeaters are working well.

Secretary Report: Tom (KE8HJL)

- 53 total members paid so far this year.
- 2 new members today

Treasurer Report: ED (KB8KBE):

- Treasury is in good shape
- All filings completed
- We are in the process of getting the Website the ability to accept credit cards.

Sunshine:

- Nothing to report

DX Report: Jim (AA80Y)

- Field Day is coming out June 24 & 25. . We need volunteers! Jim is sending out the sign-up sheet. Help is needed to man the stations, set up and tear down equipment and help with Saturday dinner. Usually about 25 people attend.

Public Service / ARES: Mike (WB8ZGH)

Upcoming events:

- May 7th Drop Run
- May 13th RV Hams in Berlin, Ohio
- May 28th Blossom Run
- May 20th & May 21st Cleveland Marathon
- June 11th – Sunday in June
- June 23rd, 24th & 25th Field Day
- The 10-meter net is still up and running.

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Historical Society: Bob (K8QXO):

- All Quiet

ARRL Liaison: Bob (W2THU):

- The texting bill part of the Ohio Revised Code. That allows for use of ham radio while driving a vehicle.

VE Testing: Don (WA8TWM)

- We had 6 people test in April. The next session is June 3rd.

Ohio Legislative Liaison: Bob (W2THU)

No new news. Only a reminder that Ohio's "Driving while Texting" law is now in effect.

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 – Frank (K8WLF) won \$13

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

183 Years Ago: Samuel F B Morse receives a patent for telegraphy signals, which he modestly names "Morse Code".

140 Years Ago: The first three-wire electrical generation plant in the U.S. started operations in Sunbury, Pennsylvania. Built by the Edison Electric Illuminating Co. the plant was a simple wooden structure with an Armington & Sims steam engine driving two 110-volt direct-current generators. The three-wire system required 60 percent less copper in its conductors, resulting in a smaller investment, making it economically feasible to build generating plants in smaller communities

45 Years Ago: LCARA's monthly meetings move from the Painesville Perkins Pancake House to the Lake County Federal Savings & Loan, next to the square in downtown Painesville.

40 Years Ago: LCARA plans a joint Field Day effort with LGARC, to be held at the "soon to be newlywed" W8QKX's QTH.

The FCC drops the licensing requirement for CB, claiming savings of \$500,000 per year.

35 Years Ago: ICOM introduces the IC-900 at Dayton. The first FM transceiver to offer more than two bands, it features a fiber optic remote mount control head.

Speaking of Dayton, Judy KB8DUB wins a Yaesu 727 dual band HT in the door prize drawing!

30 Years Ago: More Dayton stuff: JPS Communications features their recently introduced NIR-10, the first digital noise reduction unit. They sell out by 10AM on Saturday.

The number of autodial slots in the repeater is doubled with the addition of slots 100-900.

25 Years Ago: The LCARA fox hunt features a fox hidden 150' above ground. Dan N8NBC, the fox, attached the transmitter to a helium balloon and flew it above a school. Bruce, KB8ROP and his wife Sue were the first to find the high flying fox.

20 Years Ago: The Logbook of the World is in beta testing, with "reasonable success".

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LCARA holds a Special Events station at President James A. Garfield's home. Thanks to the archery skills of Jim KF8VX, a number of dipoles were erected within half an hour. Over 200 contacts were made in six hours of operation.

15 Years Ago: President Rick, N8BY, in a *PATCH* article on the upcoming Field Day, says "Get out the burgers and Dogs, fire up the grill. Get out the portable ham gear, its time to operate ... nobody enjoys clubs that are dull, boring and ultra-serious ... get involved ... ask is there any way I can help out? Come on out even if it's only a couple of hours"

10 Years Ago: The Patch asks which Munsters character sometimes operated a ham radio. It was Herman, who operated as W6XRL4 in the show first aired on Jan 21, 1965.

5 Years Ago: The club votes on replacing the recently deceased 220 repeater. It's a tie, at 9 to 9, with two abstentions.

DX Alert

by: Jim Pyle AA8OY



DX Alert, June 2023

MALDIVES, 8Q -- Vincent, HB9VCJ will be QRV as 8Q7VJ from Lhaviyani Atoll, IOTA AS-013, from May 20 to June 4. Activity will be on 40 to 6 meters using SSB.

QATAR, A7 -- Anton, RN1B is QRV as A71/RN1B and is here for several weeks. Activity is on 80 to 10 meters using CW and SSB.

ARMENIA, EK -- Abie, AB1F is QRV as EK/AB1F from Stepanavan, Lori Marz. Activity is on 20, 15, and 10 meters, and possibly on 80 and 40 meters using SSB.

FRENCH POLYNESIA, FO -- Didier, F6BCW is QRV as FO/F6BCW from Huahine Island, IOTA OC-067, until October 25 -- Activity is on 80 to 6 meters using CW and SSB.

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MARSHALL ISLANDS, V7 -- Bob, N7XR is QRV as V7/N7XR from Kwajalein, IOTA OC-028, and is here until the end of June. Activity is in his spare time on 160 to 10 meters using CW, SSB, and FT8.

SOUTH SUDAN, Z8 -- Diya, YI1DZ is QRV as Z81D from Juba. Activity is in his spare time on 40 to 6 meters, and possibly 80 and 60 meters, using SSB and FT8.

CENTRAL KIRABATI, T31-- The Rebel DX Group report their upcoming T31TT DXpedition to Central Kiribati has been approved by ARRL. T31TT is expected on the air June 1-12.

ST VINCENT, J8- DK2PZ, Manfred, is now here and QRV as J8DL.

ST. KITTS & NEVIS V4- V47JA, op and station owner W5JON, John, will be on the air May 23 to June 7, SSB and FT8 on HF and "especially 6M."

Happy hunting!

Jim, AA8OY
Thanks to the ARRL DX

****Field Day 2023 Notice****

Only 3 weeks until Field Day (June 24 & 25) and a lot of work needs to be done. I'm looking for volunteers who would like to participate in one or more phases of the event. To date only eight hams have signed up. I've listed below the areas that need attention. Please look over the list and pick out what you would like to do and email me. Also, complete the sign up form on our website (found on the "Events" page). To give you a better picture of what needs to be done as well as what is covered. I have noted those club members who have handled specific activities in the past. Please confirm you are willing to be doing the same jobs.

Public relations (1 to 3)

- Site Visitation letter to an elected governmental official – K8QXO
- Site Visitation letter to a representative of an agency – K8QXO
- Facebook posting – N8JKO and KB8BKE
- Copy Field Day message -- K8BL
- Display boards explaining Amateur Radio – Need a volunteer to move the display from the radio room to the entrance of the Historical society -- KE8HJL

Station Captains:

- 20/80 CW – AA8OY
- 40 CW – K8BL
- 75/15 SSB – KB8BKE
- Digital – Open & Location to be determined
- 10/20 SSB – Open (KE8HJL & NIKO will be operating)

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- 40 SSB – Open
-

Each station needs

- Some type of shelter
- Table and chairs -- provided
- An extension cord long enough to reach the generator
- Multi outlet connector
- Light
- Computer for logging
- Radio
- Headphones with a splitter
- Ground rod and wire to connect it to the radio.
- Personal needs (insect repellent, beverages, snacks, etc.)
- Operator log sheet

Generators, towers and Yagi antennas will be supplied by LCARA. Generators will be serviced by WB8ZGH and KB8BKE.

Safety Officer (s) will inspect the site using a Safety Checklist which will be provided. KB8BKE and KE8HJL

Need SSB and CW operators preferably with flexible work times so the stations can operate as many hours as possible.

Need set up and tear down crews to safely erect and dismantle towers and several wire antennas. I currently have barely enough volunteers and would like a few more. Tower and wire antenna erection will begin on Friday afternoon at 2:00 pm.

Please confirm how many hamburgers and / or hot dogs you would like.

To make dinner a success, please consider bringing a side dish to dinner. The success of the dinner depends on you!

If you would like to assist with cooking, let me know.

Field Day is a team effort and we want you to be part of the team!

Jim, AA8OY,
Field Day Chairman

Upcoming Contests: (from the OSJ/WA7BNM)

All Year	CQ DX Marathon	http://bit.ly/3FyPiui
May 17	RSGB 80m Club Championship, Data	http://bit.ly/3TxCrxl
May 17	VHF-UHF FT8 Activity	http://www.ft8activity.eu/index.php/en/
May 18	QRP Minimal Art Session	http://qrpcc.de/contestrules/mas/index.html
May 20-21	Arkansas QSO Party	https://arkqp.com/arkansas-qso-party-rules/
May 20-21	Baltic Contest	http://www.lrsf.lt/en/
May 20-21	His Majesty King of Spain CW Contest	http://concursos.ure.es/en/
May 20-21	NZART Sangster Shield Contest	http://bit.ly/3aviX6h
May 20-21	SARL VHF/UHF Digital Contest	http://bit.ly/H0IqQf
May 22	QRP ARCI Hoot Owl Sprint	http://www.qrpcontest.com/
May 22	RSGB FT4 Contest Series	http://bit.ly/3TxCrxl
May 25	RSGB 80m Club Championship, CW	http://bit.ly/3TxCrxl
May 27-28	CQ WW WPX CW Contest	http://www.cqwpw.com/

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

Upcoming Ham Fests: (from the OSJ)

Great Lakes Division Convention!!

05/19/2023 - 05/21/2023 [Dayton Hamvention](http://Hamvention.org)

Location: Xenia, OH

Sponsor: Dayton Amateur Radio Association

Website: <http://Hamvention.org>

[Learn More](http://Hamvention.org)

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<p>05/27/2023 - Scioto Valley Amateur Radio Club Hamfest Location: Piketon, OH Sponsor: Scioto Valley Amateur Radio Club Learn More</p>	<p>06/03/2023 - FCARC Summer Hamfest Location: Wauseon, OH Sponsor: Fulton County Amateur Radio Club Website: https://k8bxq.org/hamfest Learn More</p>
<p>07/08/2023 - Mansfield Trunkfest 2023 Location: Mansfield, OH Sponsor: Intercity Amateur Radio Club Website: http://iarc.club Learn More</p>	<p>07/15/2023 - NOARSFEST Location: Elyria, OH Sponsor: Northern Ohio Amateur Radio Society Learn More</p>
<p>07/16/2023 - Van Wert Hamfest Location: Van Wert, OH Sponsor: Van Wert Amateur Radio Club Website: http://w8fy.org Learn More</p>	<p>07/22/2023 - Ashtabula County Hamfest 2023 Location: Pierpont, OH Sponsor: Amigos Radio Club Ashtabula Website: https://sites.google.com/view/arca-home/ Learn More</p>

Our Upcoming Events:

<p>6/24-25 <i>Field Day</i> Sign Up HERE</p>	<p><i>LCHS</i></p>	<p>14:00-14:00</p>
<p>6/29 <i>Mardi Gras Parade</i> Sign Up HERE</p>	<p><i>Fairport Harbor</i></p>	<p>13:00-21:00</p>
<p>7/16 <i>Pirate Triathlon</i> Sign Up HERE</p>	<p><i>Fairport Harbor</i></p>	<p>05:30-12:00</p>

Other Local Events:

Pan Ohio Hope Ride Request for Assistance

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
 - SAG drivers follow along the route in their personal vehicles and provide assistance to cyclists in need. They are provided a tote of equipment (spare tubes, air pump, snacks, water, Gatorade, other misc. supplies) at the beginning of the event and are expected to return unused items at the end. SAG drivers are coordinated and dispatched using MARCS interop channels. Anyone with their own radio is welcome to use it. For all other volunteers, CACHE radios will be signed out each day. SAG drivers are offered prepaid overnight lodging in hotels along the route. They are also provided food every day. Fuel receipts can be submitted at the conclusion of the event for reimbursement if desired. We would love to have SAG drivers accompany us for all 4 days but will accept volunteers for any individual days as well. We would prefer that SAG volunteers are able to commit to at least one full day.
- Rest Stop Transportation Officers
 - Transportation officers will be assigned to rest stops along the route. Transportation officers will be responsible for coordinating SAG pickups at each rest stop, assigning waiting riders to available SAG vehicles as they arrive on site, and then reporting all pickups to net control via radio (MARCS, simplex, or ham repeater depending on cache radio availability) or telephone.

An amateur radio comms plan will be in place for all days of the event, but will serve as a backup with MARCS being the primary means of communication whenever possible.

Anyone interested in volunteering for this event, or with any questions about the event should contact Mat Nickoson, KC8NZJ kc8nzi@outlook.com

As a side note, I've heard many comments from people regarding the past communications leadership of this event. I want to assure everyone that the event is being run by a new group (Event Support Group www.n8esg.org) as of around 2019 and ALL amateurs are welcome and encouraged to participate in this event!

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:

[The K7RA Solar Update](#)



Both average daily sunspot numbers and solar flux increased this week. [Read More](#)

[Dayton Hamvention® 2023 Wrap Up](#)



Dayton Hamvention® 2023 was held May 19 - 21 in Xenia, Ohio -- and all indications point to a successful event. [Read More](#)

[ARRL and FEMA Sign Agreement: Ham Radio is as Relevant as Ever](#)



ARRL The National Association for Amateur Radio® has entered into an updated Memorandum of Agreement (MOA) with the Federal Emergency Management Agency (FEMA). The agreement will enhance cooperation between ARRL's emergency communications program, the Am [Read More](#)

[Puerto Rico Radio Amateurs Celebrate Día del Radioaficionado](#)



Radio amateurs in Puerto Rico have a day to honor their hobby, held this year on Tuesday, May 9. As set out by Law Number 50 of June 7th, 1996, every second Tuesday of the month of May is known as "Día del Radioaficionado de Puerto Rico," or Puerto Rico A [Read More](#)

Ham Radio Trivia Quiz (Answers on page 24)

In what year was the first no-code Technician license granted?

- A: 1990
- B: 1991
- C: 1993
- D: 1996

Swan amateur radio gear was made in:

- A: Tokyo, Japan
- B: Los Angeles, California
- C: Swan, Wisconsin
- D: Oceanside, California

What is a SMPS?

- A: Surface Mount Permeable Sector
- B: Solder Mending Penetration Solution
- C: Switching Mode Power Supply
- D: Surface Mode Power Supply

A fishing vessel calls on 3.707MHz USB, stating she is sinking and needs help. You listen but no one else answers her. You can (legally):

- A: Ignore her. She should have called on a maritime channel.
- B: Answer, but only until the Coast Guard can join and take over.
- C: Respond only in Morse Code or a digital mode.
- D: Record it for YouTube and hope it goes viral.



HAM EXAMS in 2023

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, June 3
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 searching “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 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

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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

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 not much ... it can be simple and free (there's no FCC fee, which only applies to new licenses), or cost \$8, or be a real PITA. Here's what I found:

This applies to renewals, address changes, and any other modifications to your license information, as well as printing a duplicate license. 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 renewing or changing your license information:

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 as to whether it's a renewal/change/duplicate 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.
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 SYSTGEM" then click "FILE ONLINE" which takes you to the FCC License Manager page and follow the instructions. If you have been assigned a FRN this is easy. The considerable majority of existing amateurs have been assigned a FRN, and it is shown on your current license. Check your license using "License Search" at the "FCC ULS Home" page above.
5. 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

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FRN You can go back to the ULS Home Page and click on ONLINE FILING to request an update/renewal to your license. Note that many older licenses have had FRN's automatically assigned.

6. If you're not an ARRL member, hate the internet, and too cheap to pay \$8, you can fill out a paper copy of FCC Form 605 and send it directly to the FCC. Note this **FCC** Form 605 is entirely different from the **NCVEC** Form 605 mentioned in method 1 above. You can request this form from the FCC Forms Distribution Center at 1-800-418-3676, or download it at www.fcc.gov/fcc-form-605. This method is only recommended for masochists, as the **FCC** Form 605 is a typical government form, being both long and far from intuitively obvious.

Regardless of which method you choose, your renewed license will show up in the FCC's database shortly. If the US Postal Service is not involved, it may be as quickly as one or two days. The FCC no longer mails licenses, you will have to print it out from the FCC ULS site.

Scott
KO8O



3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is June 20th. Join us at the Perkins Family Restaurant, 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am. Breakfast orders are taken around 8:30am.. Club membership is not a requirement to attend, and group averages 15-20 people from all around the area. A chance to meet other Hams, talk over the news of the day and maybe find a buyer for your spare equipment. Bring your significant other, or a friend, to breakfast. Good food and conversation 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 2nd 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

18:45 – Buckeye (early) – 3.580

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

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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)

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

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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

Brad Williams, K8ZM K8zm@arri.net Cell: (440) 479-4588

For Sale:

Hy-gain TH5-MKII 5-element (10/15/20m) Tri-band Beam Antenna, asking \$500. Original owner, very good condition, stored in attic, includes all documentation.

Wanted:

US Tower MA-550 Tubular 55' Crank-Up Tower in good condition, also accessories MAF-550 Raising Fixture and MARB-550 Freestanding Rotor Base.

Bill Wihebrink < 440-943-1703 >

For Sale:

- 1) Icom 275H 100 watt all mode 2 meter transceiver
- 2) Yaesu FT 817ND

Joseph Koskovics < 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 >

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



Since 1978

June 2023

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1 2 Mtr. Net 7:00pm	2	3
4	5 LC ARES Net 7:30pm	6	7 1 LCARA Meeting 7:30pm 0 Mtr. Net 8:30pm	8 2 Mtr. Net 7:00pm	9	10
11 Sunday in June	12 LC ARES Net 7:30pm	13	14 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm Flag Day	15 2 Mtr. Net 7:00pm	16	17
18 Father's Day	19 LC ARES Net 7:30pm Juneteenth	20 3 RD Tuesday Breakfast	21 10 Mtr. Net 8:30pm	22 2 Mtr. Net 7:00pm	23	24 Field Day
25 Field Day	26 LC ARES Mtg. 7:30pm	27	28 10 Mtr. Net 8:30pm	29 2 Mtr. Net 7:00pm Mardi-Gras Parade 7:00pm	30	

QRZ Ham Radio Trivia Quiz Answers

In what year was the first no-code Technician license granted?

- A: 1990
- B: 1991 (Correct Answer)**
- C: 1993
- D: 1996

Swan amateur radio gear was made in:

- A: Tokyo, Japan
- B: Los Angeles, California
- C: Swan, Wisconsin
- D: Oceanside, California (Correct Answer)**

What is a SMPS?

- A: Surface Mount Permeable Sector
- B: Solder Mending Penetration Solution
- C: Switching Mode Power Supply (Correct Answer)**
- D: Surface Mode Power Supply

A fishing vessel calls on 3.707MHz USB, stating she is sinking and needs help. You listen but no one else answers her. You can (legally):

- A: Ignore her. She should have called on a maritime channel.
- B: Answer, but only until the Coast Guard can join and take over. (Correct Answer)**
- C: Respond only in Morse Code or a digital mode.
- D: Record it for YouTube and hope it goes viral.

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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

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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 N9JIG/R Node #665499
224.500 - 1.6MHz -PL tone of 141.3 Hz.
444.650 + 5.0MHz -PL tone of 131.8 Hz.*