



The LCARA Patch



10 METER ROUNDTABLE

WEDNESDAY @ 20:30 HRS

28.450 MHz

www.lcara.org

<https://groups.io/g/lcarapatch>

LCARA TWO METER NET

THURSDAY @ 19:00 HRS

147.210/R - PL 110.9

Picnic in the Park



LCARA Board

President	KB8BKE	Ed Kopcak
Vice President	Vacant	
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
Program Director	Joe Koskovics	N8JKO
LCHS Liaison	Bob Mekinda	K8QXO
History	Scott Farnham	KO8O
Publicity	Bob Mekinda	K8QXO
Repeater	N8IJG - KB8BKE	
Sunshine	Open	
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG

***Our next club Meeting: August 3rd
At Daniel's Park - West Pavilion***

Index

Message from the President.....	3
Meeting Minutes.....	4
Sunshine.....	6
Back Scatter.....	8
DX Alert.....	10
Contests.....	11
Hamfests.....	12
ARRL News.....	14
VE Testing.....	16
3 rd Tuesday Breakfast Group.....	18
Weekly Net Information.....	20
Sell, Swap, Buy.....	23
Club Calendar.....	24
Amateur's Code.....	26

Message from the President

Greetings, fellow travelers

Our club picnic and next meeting is slated for August 3rd and will again be at Daniel's Park – West pavilion, in Willoughby. LCARA will provide the burgers and dogs (and maybe some grilled Italian sausages), pop, ice and chips. Sides and desserts are up to you. Please contact Joe (N8JKO) or myself if you have any questions or to sign up. You can also register on our website. We do need to know how many are planning on attending.

Our ARES team needs help for the Lighthouse Half Marathon on August 14th. Visit our website's "Events" tab or contact me to register. The event should be over by 12 noon.

. Please stay safe and be well

'73

-Ed

Membership Meeting Minutes for July 6th, 2022

Board Members Present:

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

Attendees:

Ed KB8BKE	Joseph N8JKO
Tom KE8HJL	Cal W8BZP
Jim AA8OY	Mike WB8ZGH
Fran WB8YL	Bill N8IJG
Tim KE8TYT	Paul KE8PP
Bill N8WCL	Bob K8BL
Bob N8KBX	Evan W8LSQ
Bob K8QZXO	Neal NFIX

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:31 p.m.
- This meeting took place at the Lake County Historical Association in Painesville Ohio.
- Guest Speaker: Tom Revolinsky (KE8HJL) Disaster Program Manager for the American Red Cross Northeast Ohio Chapter gave a presentation on the mission of the Red Cross and affiliation with ARES.
- **President** – Ed (KB8BKE) mentioned:
 - The motion to accept the minutes for the last meeting was accepted.
 - The picnic is next month on Aug 3rd at Daniels Park in Willoughby please ensure you register and let us know if you are bringing a guest and dish to share.
- **Director At large:** Joe (N8JKO) reported:
 - There will be no presentation in Aug due the picnic
 - Tim Duffy will give a presentation in Sept.
 - If you need webcam lighting an LED ring light is available at Marks for \$9.99.
 - There is an eBook at Microcenter available for \$60.00
- **Radio:** Bill N8WCL:
 - The Lakeland Repeater 147.255 had a lot of noise and now requires a PL of 110.9.
 - Windows 11 is problematic and doesn't work well.
- **Secretary Report:** Tom (KE8HJL) Nothing reported
- **Treasurer Report:** ED (KB8BKE): nothing to report

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- **Sunshine:** Nothing reported
 - Linda Bowen WBAQLT -is in the hospital

- **DX:** Jim (AA8OY) reported:

DX Report:

Field Day: It is estimated the club earned 9700 points which is very good.

Ed – thanked Jim for spearheading the club field day effort.

- **Public Service:** Mike (WB8ZGH)
 - The Fairport Mardi Gras Parade – 6 operators participated. The parade wasn't very large. It did rain just before it started, the parade went off very well
 - July 17th is the Pirate Triathlon in Fairport Harbor. We need additional operators.
- **LCHS** (Bob W2THU)

Historical Society: Bob K8QZXO:

- Nothing to report

Ed made a motion to donate \$500 towards the new electronic sign outside. Bob K8QZXO

- seconded the motion was carried.

- **ARRL Liaison:** Bob(K8WX0):

- Nothing to report

- **VE Testing:** Don WA8TWM There will be VE testing on June 4th. Joe may participate. The FAA fee increase takes effect April 15h.

- **Ohio Legislative Liaison:** Bob W2THU

- **ARES :** Joseph (N8JKO).

- Thanked Bill for working on The Lakeland Repeater 147.255 repeater
- A survey went out to get information about members. We need to find the capabilities of members.

• **Nets:**

Monday: 7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255 – no pl)

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

- Mike - We still have are there and active

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

- Bill- There be live stream on this Thursdays net

Meeting adjourned at: 8:02 p.m.

Tom (KE8HJL)



Sunshine Report

Nothing to report

Backscatter for July 2022

by: Scott Farnham KO8O

LCARA Historian



BACKSCATTER

968 Years Ago: A supernova is seen by Chinese observers on July 4, 1054. Spotted in the constellation Taurus by Chinese astronomers, the magnitude was unusually large, with the star shining roughly four times brighter than Venus and was visible in daylight for 23 days. It remained visible in the night sky for 653 days. The remnant of that exploding star is now known as the Crab Nebula.

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94 Years Ago: The first American TV station, W3XK, begins broadcasting from suburban Washington, D.C. on July 2, 1928. Charles Francis Jenkins devised a way to transmit pictures, a process he called radiovision. Rather than using a CRT, his receiving sets relied on a 48-line image projected onto a 6-inch-square mirror to create the picture. He sold several thousand receiving sets, mostly to hobbyists, and, after receiving permission to start an experimental TV transmitting station, aired programming five nights a week. He was the first to air a television commercial, and was fined by the government for doing so. He ultimately shut down in 1932.

40 Years Ago: The first ever LCARA fox hunt is won by Jeff, WA8SAJ. All twelve hunters retire to Friendly's to celebrate with "ice cream and BS" (yummy!).

The Lakeland College repeater comes on the air, operating as WB8PHI on 147.255 MHz

35 Years Ago: Andy Adams, N8HGI takes over as Patch editor from interim editor Pete, KC8ER. Fran, WA8IMF takes over printing from George, KD8FQ.

30 Years Ago: Sparky the Rooster takes up residence in the CW barn at Field Day. Although his perch in the rafters was directly above the open bags of potato chips and pretzels, no digestive problems were reported.

25 Years Ago: There is major damage to the MIR space station when it's Progress supply ship collides with it during docking. Although communications are severely limited, US astronaut-ham Mike Foale, KB5UAC is able to get news to his family during the crisis.

When will they ever learn? Yet another bigger & better study by the National Cancer Institute finds no evidence that electric power lines causes leukemia in children.

20 Years Ago: A 2000' tower is proposed for Governor's Island on the southern tip of Manhattan, to replace the TV broadcasting antennas atop the World Trade Center. Modeled on the Space Needle in Seattle, it would be taller than the Empire State building, and include a restaurant and observation on the top and shops at the bottom. No word was given as to where the repeater antennas would be located.

15 Years Ago: The club picnic will be held at Lakeshore Reservation on Lake Erie in North Perry.

10 Years Ago: July's program is a mobile radio installation show.

5 Years Ago: Bob, K8QXO temporarily assumes Patch editorship as Ron Corbin, KC8BTN retires from his long held job as editor-in-Chief.

DX Alert

by: *Jim Pyle AA8OY*



DX Alert, August 2022

VK0 - Macquarie Island - VK0MQ, Matt Gledhill, continues to be QRV. He started last month and goes to October.

J2 - Djibouti - K17MGY, James, is now in Djibouti until June 2023 and has been issued the call J28HJ. Activity will be on SSB and FT8 and a goal to get on CW. He will be on 80, 40, 20, 17, 15 and 10 meters.

J2 - Djibouti - Also in Djibouti, J28RC is the new Riverine Amateur "Riverine" Radio Club at Camp Lemonnier, Djibouti. The ops are on SSB, digital modes, and CW on 80-10M.

D2 - Angola - D2TX, Bernie van der Walt, will be in Cuando- Cubango for a 2M EME DXpedition August 12-16.

D2 - Angola - Mikalai, UT6UY is QRV as D2UY. Activity is mainly on 20 to 6 meters using FT8. His length of stay is unknown.

J3 - Grenada - N9GB, Greg, will be vacationing and operating holiday style from a resort on Grenada between August 12 and 19. He is hopeful to get a J38xx call sign. If not he will be operating as J3/N9GB. Activity will most likely take place after 0000Z with some "daytime operation occasionally". Activity will be on 7 through 28 MHz including the WARC-79 bands and 6 meters. He will be mostly on CW and SSB and then FT8.

JX - Jan Mayen - On JX/LB4MI, Helge, may be found on 20 CW between 1500 and 2200Z.

VP8 - Falkland Islands - 2E0KZN, Jonathan, is now working at the Royal Air Force (RAF) Mount Pleasant Complex in the Falkland Islands until early November. While there he will be emphasizing winter SOTA activations as VP8TAA/P.

4W - Timor - Leste - Alan, VK1AO will be QRV as 4W/VK1AO from July 25 to August 4, and again at least two more times over the next three years. Activity will be on 40, 30, 20, 17, 15, and 12 meters SSB, FT8, JS8, and possibly some CW.

BV - Taiwan - Ken, BW2/JP1RIW is QRV as BX0QSL from New Taipei City until November 30. Activity is on the HF bands using mainly digital modes.

TA - Turkey - Berkin, TA3J is QRV as TA3J/0 from Yassica Island, IOTA AS-099, every Saturday and Sunday until October 31. Activity is on 80 to 10 meters using SSB, CW, RTTY, and FT8.

ZL7 - Chatham Islands - ZL7. Volker, ZL1VV is QRV as ZL7/ZL1VV from Te One. Activity is in his spare time, and usually on 20, 15, and 10 meters using SSB.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX

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Upcoming Contests: (from the OSJ/WA7BNM)

July 28	RSGB 80m Club Championship, Data	https://bit.ly/31qpcJl
July 30	WAB 144 MHz Low Power Phone	http://bit.ly/31yE4kT
July 30-31	RSGB IOTA Contest	www.rsgbcc.org/hf/rules/2022/riota.shtml
July 31	ARS Flight of the Bumblebees	http://arsqrp.blogspot.com
Aug. 3	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
Aug. 6	European HF Championship	https://euhf.s5cc.eu/euhfc_rules
Aug. 6-7	10-10 Int'l Summer Contest SSB	http://bit.ly/1FrFeBc
Aug. 6-7	ARRL 222 MHz and Up Distance Contest	http://bit.ly/2IJZcy9
Aug. 6-7	Batavia FT8 Contest	https://batavia-ft8.com/
Aug. 6-7	North American CW QSO Party	http://ncjweb.com/NAQP-Rules.pdf
Aug. 7	SARL HF Phone Contest	http://bit.ly/H0IqQf
Aug. 10	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
Aug. 13	Kentucky State Parks on the Air	https://k4msu.com/kypota
Aug. 13	SARL Youth Sprint	http://bit.ly/H0IqQf
Aug. 13-14	Maryland-DC QSO Party	www.w3vpr.org/node/325
Aug. 13-14	50MHz Fall Sprint	https://svhfs.org/2022VHFSprintRules.pdf
Aug. 13-14	Worked All Europe CW Contest	https://bit.ly/36ubggF
Aug. 14	NJQRP Skeeter Hunt	http://w2lj.blogspot.com/p/njqrp-skeeter-hunt.html
Aug. 14	SARL HF Digital Contest	http://bit.ly/H0IqQf
Aug. 17	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
Aug. 20-21	ARRL 10 GHz and Up Contest	www.arrl.org/10-ghz-up
Aug. 20-21	CVA DX Contest CW	http://cvadx.org/regulamento.pdf
Aug. 20-21	International Lighthouse Lightship Weekend - ILLW	https://illw.net
Aug. 20-21	SARTG RTTY Contest	www.sartg.com/index.html
Aug. 20-21	North American SSB QSO Party	http://ncjweb.com/NAQP-Rules.pdf
Aug. 21	ARRL Rookie Roundup RTTY	www.arrl.org/rookie-roundup
Aug. 27-28	ALARA Contest	www.alara.org.au/contests
Aug. 27-28	CVA DX Contest SSB	http://cvadx.org/regulamento.pdf
Aug. 27-28	Kansas QSO Party	www.ksqsoparty.org
Aug. 27-28	Ohio QSO Party	www.ohqp.org/index.php/rules
Aug. 27-28	YO DX HF Contest	www.yodx.ro/en
Aug. 27-28	World Wide Digi DX Contest	https://ww-digi.com
Aug. 27-28	W/VE Island QSO Party	https://usislands.org/qso-party-rules
Aug. 27-29	Hawaii QSO Party	http://hawaiiqsoparty.org
Aug. 28	SARL HF CW Contest	http://bit.ly/H0IqQf

Check out the WA7BNM Contest Calendar page (<https://www.contestcalendar.com/>) and CQ Magazine for more contests or more details.

Upcoming Ham Fests: (from the OSJ)

2022

08/06/2022 - [Columbus Hamfest](#)
Location: Grove City, OH
Sponsor: Aladdin Shrine Audio Unit
Website: <http://columbushamfest.com>
[Learn More](#)

08/13/2022 - [Cincinnati Hamfest](#)
Location: Owensville, OH
Sponsor: Milford ARC
Website: <https://CincinnatiHamfest.org>
[Learn More](#)

08/21/2022 - [Warren ARA Tailgate Swap Meet](#)
Location: Cortland, OH
Sponsor: Warren ARA
Website: <http://facebook.com/w8vtd>
[Learn More](#)

09/11/2022 - [Findlay Hamfest](#)
Location: Findlay, OH
Sponsor: Findlay Radio Club
Website: <https://www.findlayradioclub.org/>
[Learn More](#)

09/17/2022 - [Mound Amateur Radio Assoc. Swap Meet](#)
Location: Miamisburg, OH
Sponsor: MARA
Website: <http://W8DYY.ORG>
[Learn More](#)

09/25/2022 - [Cleveland Hamfest](#)
Location: Berea, OH
Sponsor: Hamfest Association of Cleveland
Website: <http://www.hac.org>
[Learn More](#)

10/30/2022 - [Massillon Hamfest \(OH\)](#)
Location: Green, OH
Sponsor: Massillon Amateur Radio Club
Website: <http://w8np.org>
[Learn More](#)

12/03/2022 - [FCARC WinterFest](#)
Location: Archbold, OH
Sponsor: Fulton County Amateur Radio Club
Website: <https://k8bxq.org/hamfest>
[Learn More](#)

ARRL News:

[The K7RA Solar Update](#)



Solar activity increased over this reporting week, July 14 to 20, with average daily sunspot number rising from 102.1 to 137.3, and average daily solar flux from 147.4 to 157.6. [Read More](#)

[QST Now Offering a Column for Radio Clubs](#)



ARRL invites you to be part of "Club Station," the newest column in QST. This column is a space for radio clubs to share the different ways in which they're successful to help other clubs grow. [Read More](#)

[FCC Hiring for High Frequency Direction Finding Center](#)

USAJOBS

The Federal Communications Commission (FCC) has started accepting applications for a Telecommunications Specialist at its High Frequency Direction Finding Center (HFDFC) in Columbia, Maryland. [Read More](#)

[ARRL Seeking Public Relations & Outreach Manager](#)



ARRL is seeking a Public Relations & Outreach Manager for employment at our headquarters in Newington, Connecticut. [Read More](#)

QRZ Ham Radio Trivia Quiz

During World War II --

- A:** Hams in the USA could only operate on 144 MHz and above.
- B:** Hams in the USA could operate, but could not talk to DX stations.
- C:** No ham transmitting was allowed in the USA at all.
- D:** Ham operation in the USA was restricted to daylight hours.

Which experiment of Nikola Tesla has proven to be the most beneficial to modern radio communications?

- A:** His Tesla Coil
- B:** His Atmospheric & Ground Wave Experiments
- C:** His Teleforce
- D:** Lighting 25 light bulbs with voltage run through his body.

Without inrush protection in large capacitor filtered units, what would the circuit look like to the transformer?

- A:** A vacuum with open electronic space
- B:** A negative charge rated, sudden push of electrons
- C:** A negative field that should be positive charged
- D:** A dead short

Answers on page 22



HAM EXAMS AT THE KIRTLAND LIBRARY

The Lake County Amateur Radio Association's VE Team will be holding amateur radio license exam sessions on the following dates during 2022:

Saturday, August 6

Saturday, October 1

Saturday, December 3

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). The Kirtland Public Library is located at 9267 Chillicothe Road, 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 NCVET 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 Goggling "NCVEC quick-form 605" and clicking on the URL for a copy 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 apps.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 is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture, such as a driver's license is also necessary.

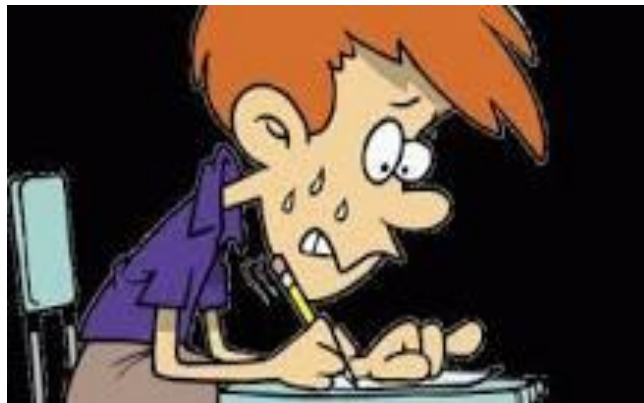
In addition the FCC now charges \$35 to add you to the Amateur Radio database. The FCC will e-mail successful candidates with instructions for payment directly to them. Payment must be made within 10 days of the e-mail. This charge does not apply to upgrades.

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Please contact Scott Farnham, KO8O, at (440)256-0 320, or scottfarnham@roadrunner.com , if you have any questions,



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3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **August 16th**, at the Perkins Family Restaurant, located at 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am Breakfast orders being taken around 8:30am. This group averages 15-20 people from all around the area. Club membership is not a requirement to attend. 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.

LCARA Public Service and Club Events

8/03	LCARA Picnic & Meeting	Daniels Park	15:00-20:00	Sign Up Here
8/14	Lighthouse Half Marathon	Fairport Harbor	06:30-12:30	Sign Up Here
8/27	P'ville Twp. Family Fun Day	LCHS		
8/28	Ohio QSO Party	On Air		

Cuyahoga County:

The MS150 this year is **August 6-7, 2022** and we can really use your help. The signup form is at the button below. We are back to a two-day event. We are going back to Sandusky this year (and starting in Berea) If you drive a SAG vehicle we will refund your actual consumed fuel.

[SIGN UP](#)

The Tri Cleveland Triathlon is on **August 20th**. We will need a SAG vehicle, people in the transition areas, start/finish, and along the course. This is usually a quick event so you should be done by about noon to enjoy the rest of your day.

[SIGN UP](#)

The Bike Cleveland Fundo is on **August 27th**. We will provide SAG vehicle support for the event. All you need is a bike rack and a willingness to give people rides. That's it. The ride consists of 10, 30, and 60-mile routes across Cleveland.

[SIGN UP](#)

Geauga County:

The 200th ever Great Geauga County Fair is quickly approaching, and we need YOU! Our responsibilities at the Fair include driving and dispatching golf carts and assisting the Sheriff's Office. To celebrate their 200th anniversary this year, the fair will be **six** days long, starting **Wednesday, August 31**. That means we need more volunteers than ever before! If you haven't volunteered for it before, I can assure you it's a LOT of fun!

Scheduling works differently than other events you may be accustomed to. We staff the event from 9AM-9PM and that's split into three **rough** shifts. You can sign up for as many or as few shifts as you like, and if your schedule doesn't allow for an entire shift, that's not a big deal. **We are extremely flexible!**

[I want to volunteer at the Fair!](#)

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)

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

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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

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 >

1) Drake TR7 –Transceiver, MS7 – Speaker, WH7 – Wattmeter, PS7- Power Supply, Filters- 1.8KC, 6 KC, 500 KC Manuals & Cables

2) Drake 4 B Line T4XB-Transmitter, R4B – Receiver, MS4 - Speaker & Power Supply, Additional crystals for bands: 10, 18, 24, 27 & 28

3) Icom 275H 100 watt all mode 2 meter transceiver

4) Yaesu FT 817ND

5) Swan 350C w/Power Supply & Cables & Manuals

Cathie McAdams <ab8qv@yahoo.com or 440-840-2225 >

“I will give an LCARA discount of 10% if an LCARA member purchases at the price I have listed. Items will not be shipped but they can be picked up at my home. I do not accept any money apps, I accept cash or a check from LCARA members only.”

1. Pilot II Radio Receiver with instruction book, carrying case and antenna \$300.00.
2. Conar Model 400 transmitter, missing 3 knobs \$200
3. Health Kit Transmitter Model AT:1 \$160.00
4. EICO Model 1100 RTMA Resistance Box \$15.00
5. Lafayette Radio KT-200 \$120.00.
6. Lafayette Radio KT-320 \$200.00
7. Ten Tec Inc Powermite Box, no manual \$30,00
8. Belmont Radio Corp BC 348-L \$225.00



Since 1978

August 2022

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
	1 LC ARES Net 7:30pm	2	3 LCARA Picnic & Meeting	4 2 Mtr. Net 7:00pm D-10 Digital Net	5	6
7	8 LC ARES Net 7:30pm	9	10 LCARA Board Mtg. 7:30pm 10 Mtr. Net 8:30pm	11 2 Mtr. Net 7:00pm D-10 Digital Net	12	13
14 Lighthouse Half Marathon	15 LC ARES Net 7:30pm	16 3 RD Tuesday Breakfast	17 10 Mtr. Net 8:30pm	18 2 Mtr. Net 7:00pm D-10 Digital Net	19	20
21	22 LC ARES Net 7:30pm	23	24 10 Mtr. Net 8:30pm	25 2 Mtr. Net 7:00pm D-10 Digital Net	26	27
28	29 LC ARES Mtg. 7:30pm	30	31 10 Mtr. Net 8:30pm Geauga County Fair	1 2 Mtr. Net 7:00pm D-10 Digital Net Geauga County Fair	2 Geauga County Fair	3 Geauga County Fair

QRZ Ham Radio Trivia Quiz

Answers

During World War II --

- A: Hams in the USA could only operate on 144 MHz and above.
- B: Hams in the USA could operate, but could not talk to DX stations.
- C: No ham transmitting was allowed in the USA at all. (Correct)
- D: Ham operation in the USA was restricted to daylight hours.

Which experiment of Nikola Tesla has proven to be the most beneficial to modern radio communications?

- A: His Tesla Coil
- B: His Atmospheric & Ground Wave Experiments (Correct)
- C: His Teleforce
- D: Lighting 25 light bulbs with voltage run through his body.

Without inrush protection in large capacitor filtered units, what would the circuit look like to the transformer?

- A: A vacuum with open electronic space
- B: A negative charge rated, sudden push of electrons
- C: A negative field that should be positive charged
- D: A dead short (Correct)

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

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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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.*