



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



The *PATCH*

Published by the Lake County Amateur Radio Association
P.O. Box 868
Painesville, OH 44077-0868

The Patch Staff

Editor: KB8BKE
DX: AA80Y
History: KO8O
Sunshine: W8DMP

LCARA Board

Ed Kopcak	KB8BKE	President
Vacant		Vice-President
Donna Wheeler	W8DMP	Secretary
Paul Wheeler	W8PJW	Treasurer
Joe Koskovics	N8JKO	Director at Large

Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA80Y
Field Day Chair	Jim Pyle	AA80Y
Program Director	Joe Koskovics	N8JKO
LCHS Liaison	Bob Mekinda	K8QXO
History	Scott Farnham	KO8O
Publicity	Vance Roth	KA8YHZ
Repeater	N8IJG - KB8BKE	
Sunshine	Donna Wheeler	W8DMP
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG

Our next club Meeting is August 4th

In this issue

Message from the President.....	3
Meeting Minutes.....	4
Sunshine.....	7
Back Scatter.....	7
DX Alert.....	9
Contests.....	11
ARRL News.....	12
VE Testing.....	15
3 rd Tuesday Breakfast Group.....	17
Upcoming Events.....	18
Weekly Net Information.....	18
Sell, Swap, Buy.....	21
Club Calendar.....	22
Amateur's Code.....	24

Message from the President

Greetings fellow travelers

Field Day 2021 is in the book and our club totals are posted in this issue. Thanks to all who participated. We are scheduled to return to operating from LCHS for 2022.

There will be no Zoom membership meeting for August. Join us at the LCARA Picnic & Club Meeting – Daniel’s Park, Willoughby - 3:30pm till 9pm

Our VE team will be holding a testing session at LCHS on August 7th from 12pm until 2pm. The sessions will resume being held at the Kitrland Public Library for October and December.

We will again be operating at the Garfield Home in Mentor on August 25th to help celebrate the National Park Service’s 105th anniversary and are planning to have two stations working. Stop by to say hello or get on the air.

On August 28th, we will be assisting at annual Painesville Township’s Family Fun Day held on the LCHS grounds. Volunteers are needed to help with guest parking.

In person meetings will resume September 6th at LCHS. We are working to see if we can do it on Zoom as well for those not quite ready to venture out.. Stay tuned for more details.

That’s it for now. Stay safe and be well

‘73

-Ed

Membership Meeting Minutes for July 7, 2021

Board Members Present:

KB8BKE – Ed Kopcak, President
W8PJW – Paul Wheeler, Treasurer

W8DMP – Donna Wheeler, Secretary
N8JKO – Joe Koskovics, Director-at-Large

Attendees:

Ed – KB8BKE
Paul – W8PJW
Mike – WB8ZGH
Jim – AA8OY
Bob – W2THU
Paul – KE8PP
Tom – N8UAZ
Jeff – WA8SAJ
Bill – N8WCL

Donna – W8DMP
Joe – N8JKO
Ron – NU8N
Rick – W8QL
Jack – KB8OF
Bob – N8KBX
Neal – N1FX
Nathaniel – W1OLE
Don – WA8TWM

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- Additions and/or Corrections to the Patch: No additions/corrections to the Patch were requested. A motion was made to accept the minutes as presented. The motion passed.
- **Treasurer Report:** Paul (W8PJW) reported:

Provided a Treasurer's Report

Welcomed 1 new member to the club (Nathaniel Wooley, W1OLE)

Processed 2 membership renewals

- **President** - Ed (KB8BKE) welcomed presenter for this meeting Bob Winston (W2THU). Bob (W2THU) is the ARRL State Government Liaison (SGL) for the State of Ohio.

Presentation Highlights

Bob's (W2THU) provided an update on two new Ohio "Hands-Free" Bills introduced in 2021.

Last month Bob (W2THU) presented detailed information on Ohio House Bill 111 and Ohio House Bill 283. Both bills address distracted driving laws in the State of Ohio. Bob mentioned to the group that he had written several articles on this subject. He encouraged all members who don't already subscribe to the Ohio Section Journal to do so. By subscribing to the Ohio Section Journal amateur operators can keep current on ham radio news within our state (<http://arrl-ohio.org/SGL/sgl.html>).

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

Last month's presentation notes along with a letter from Bob (W2THU) are also accessible in the July 2021 LCARA Patch Newsletter.

We thank Bob for sharing his time and expertise with us on this subject.

Ed (KB8BKE) reminded the group that a recording of the meeting presentation can be made available to those who joined the meeting late by contacting him directly.

End of Presentation

- **Secretary Report:** Donna (W8DMP) reported:

Nothing new to report.

Welcomed Nathaniel (W1OLE) to LCARA.

1 New Member Packet and 2 Membership Renewal Confirmation letters are in process and will be sent out soon.

- **Director-at-Large Report:** Joe (N8JKO) reported:

Nothing new to report.

Advised the group he has requests out for presenters for upcoming meetings. So far, he has heard nothing back yet from potential presenters. Trying to book Bob Heil (K9EID) to present again early next year.

Reminded the group that presentation/presenter ideas/suggestions from members are always welcomed and appreciated.

Thanked the group for a Get Well card sent to his wife, Denise.

Just a reminder:

The LCARA club picnic is scheduled for August 4, 2021. It will take place at Daniels Park in Willoughby, Ohio located off Route 84. The Daniels Park East Pavilion is booked from 3:00 p.m. to 9:00 p.m. Set up for the picnic will run from 3:00 p.m. to 4:30 p.m. The meal will begin from approximately 4:30 p.m. to 5:00 p.m. The monthly club meeting is scheduled to take place immediately following the meal.

An on-line registration form will be available on the LCARA website, and through the Groups.IO, for members who plan to attend this year's club picnic. If you plan to bring anything to the picnic, please be sure to add it to the form; or you can email Joe (N8JKO) directly at: N8JKO@outlook.com. Joe will make sure it is added to the list.

Hamburgers, Hot Dogs, Pop are covered by the club.

Ed (KB8BKE) reminded the group that the meeting that follows the picnic in August will be the September 1st meeting. The September meeting will take place live at the History Center. It is scheduled to take place both live and the History Center and accessible virtually through Zoom.

- **Radio Officer Report:** Ed (KB8BKE) reported:

Ed (KB8BKE) advised the group repeaters are operational at this time.

- **Events Public Service:** Mike (WB8ZGH) reported:

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

No events scheduled for July.

The Hill Yeah Half Marathon took place on June 6, 2021.

We may be operating at the Garfield Home on August 25, 2021.

- **Lake County History Center:** Ed (KB8BKE) reported:

Ed (KB8BKE) mentioned that Bob (K8QXO) will not be joining the meeting. He is recovering from a recent hospital stay.

Ed (KB8BKE) confirmed that we have booked the Lake County History Center for next year.

- **Nets**

Ed (KB8BKE) and Joe (N8JKO) reported that there are no issues with the LCARA nets. All working well.

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

ET – Ethiopia - K4ZW, Ken, and W9XY, Bob, have been encouraging the team at ET3AA to continue to get on six meters over the coming weeks. They have the needed equipment.

JW – Svalbard - On the team for a July 21- 26 operation are EA3HSO, LB1QI, LA5QI, LA7GIA, LA7THA and LA8OM. They will be on EU-063, Prins Karls Forland.

9V – Singapore - KF7TUU, Kevin Rogers, has been issued the 9V1CE call sign and will be on the air once he gets a radio.

HI - Dominican Republic - Members of the Radio Club Dominicano will be operating HI0HQ during the July 10-11 IARU HF World Championship giving out the RCD multiplier.

P4 – Aruba - Look for P44W to be QRV from July 6-13, by W2GD, John Crovelli. He will operate all bands as time permits with a special focus on the IARU HF World Championship. A CW only entry is anticipated.

PY – Brazil - PX2HQ will on for the IARU Contest July 10-11, the HQ station from national organization LABRE.

- **ARRL Field Day:** Ed (KB8BKE) and Jim (AA8OY) provided an update for the group on this year's LCARA Field Day activities and scoring.

- **Other**

Ed (KB8BKE) mentioned that there will be a Window's update coming out later this year. There will be restrictions on what it will be compatible with. It will not work with older equipment. There will be a free upgrade for those with suitable equipment. Windows 10 will be supported for approximately 5 to 6 years.

Jeff (WA8SAJ) recently purchased a Geochron World Clock. He provided a brief update for the group regarding it's features, capabilities, and related hardware and software.

Meeting adjourned at: 9:00 p.m.

Donna (W8DMP)

###

Sunshine

by Donna Wheeler W8DMP

A get well card was sent to Bob Mekinda (K8QXO). Bob is recovering from a recent hospital stay.

Tom Donelan (KD8SJJG)'s son was recently diagnosed with a serious illness. Tom (KD8SJJG) asks that LCARA members keep his son and his family in our thoughts and prayers during this difficult time.

###

Backscatter for August 2021

by: Scott Farnham KO8O

LCARA Historian



BACKSCATTER

163 Years Ago: Queen Victoria sent the first cable telegraph message across the Atlantic Ocean from London to the US. Her message to President Buchanan, with 99 words, consisted of 509 letters. Due to the need for many relays, it averaged about 2 minutes per letter. After crossing the Atlantic, the message was relayed across Newfoundland by an overhead wire supported on poles, then across Cabot Strait by submarine cable to Aspy Bay, Cape Breton, and by an overhead wire across eastern Canada and Maine, via Boston and New York, then finally to Washington DC.

61 Years Ago: Bell Telephone Laboratories tested a phone link via the newly launched Echo 1 balloon satellite on its 31st circuit of the earth. A call originating via land line to the Jet Propulsion Laboratory at Goldstone, California, was patched into a radio beam bounced off the ten-story satellite balloon in orbit 1,000 miles above the earth. It was received at Bell Laboratories at Holmdel, New Jersey, where it was connected to a receiving telephone. Reception was satisfactory and with little distortion. The satellite was passive, just a reflector of the radio signal, and word has it the conversation was faster than 2 minutes per letter.

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

40 Years Ago: Having challenged LGARC to an informal Field Day contest for points per transmitter, LCARA finishes 2nd, with LGARC next-to-last. LCARA's higher total points, when divided by five transmitters vs LGARC's four, gives LCARA a score of 1095, vs LGARC's 1127. A joint beer and pop bash is held at QKX's QTH to celebrate.

Dentron files for Chapter 11 protection from its creditors. President Denny Had said that Dentron is in a good backlog situation for its products made in Stow Ohio, and the problem is a slowdown in the economy.

Mobile operation by cows is authorized by the FCC. A Longmont Colorado dairy farmer is allowed to put 2.5 or 6.0 MHz transmitters on his cows to facilitate herd management.

35 Years Ago: Production of The Patch is a true team effort. Editor Jim Thistlewood KD8SW receives much of the content electronically via packet radio and bulletin boards. After editing, George KD8FQ and Shirley N8BGL proof read, then paste up the text into a master copy, which is printed by Dave WB8APD. Jim's brother Joe, N8HGV staples, folds, labels and sorts them, before the journey to the post office, courtesy of Ish W8FVL.

30 Years Ago: Romeo, 3W3RR has received a license to operate from Myanmar, XZ, for six months. Planned for late August, the budget is \$45,500, plus 40,000 rubles.

25 Years Ago: With no commercial keypad yet available for his recently released Yaesu FT1000MP, Jim AA8OY, in true ham fashion, attempts to build one. After much frustration, despite considerable support from Yaesu's Manager of Technical Support, Chip Margelli, it is found that the engineering team in Japan changed the function of the buttons and settings required to use them, and never told anyone.

Rumors are heating up that Palestine could be the next New One. OH2BH was reportedly present as Palestinian officials discussed amateur radio with Arab leaders, including King Hussein, JY1.

20 Years Ago: Jim, KC8EBR is spotted by a "friendly" park ranger at the July 11th LCARA Club Picnic at Veteran's Park in Mentor. Although a picture shows the ranger giving Jim something that looks suspiciously like a ticket, Jim avoids detention.

15 Years Ago: Swains Island, KH8 is the newest DXCC entity, effective July 22. For the geographically challenged, it is not to be confused with Swain's Island group off the coast of Newfoundland. It is an atoll in the Tokelau chain, administered by American Samoa. Owned since 1856 by the Jennings family as a copra plantation, it is home to 37 Tokelauans, who harvest the coconut crop.

10 Years Ago: Field Day goes flat. Paul W8PJW, stated that Field Day went well except for the trailer having a flat tire returning to the storage locker. The Republic of South Sudan becomes DXCC Entity #341. The old prefix, ST0 is not reused, and instead it becomes Z8.

5 Years Ago: It is announced that Hara Arena will close. Built in 1964, Hara was named by founding brothers HARold & RALph Wampler. The arena, built in 1964, as well as Hamventions, hosted The

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

Rolling Stones, Elton John, The Who, Neil Diamond and The Grateful Dead. DARA has not yet announced a new location for the 2017 event.

In what is NOT a good month, the Amateur Electronic Supply chain closes after almost six decades in business. The headquarters store in Milwaukee will become a Ham Radio Outlet. The other three stores, in Orlando, Las Vegas, and Wickliffe, will close. AES was founded by Wisconsin native Terry Serman, W9DIA (SK) in 1957 when he was 18, after getting into the radio-TV business by working in his father's TV and electronics parts store.

But on the upside, LCARA now has a Facebook Page

- Scott KO8O

###

DX Alert

by: Jim Pyle AA8OY



DX Alert, August 2021

JD1 – Ogasawara - From the main island in the group, Chichijima, JD1/JH1FFW, Tony Ichikawa, plans to do an operation August 21-25 with an IC-7300 and IC-705 to an amplifier but he also says 50 watts. For antennas it's an inverted V, Yagi for 6, an "FFW quad" and groundplane, on 40, 30, 20, 15, 17, 10 and 6 SSB and FT8.

ZC – UK Base Areas on Cyprus - ZC4CBK, operator Phil Mumford, will be on from Akrotiri. He says he is the only operator under this call presently. His home calls are M7CBK/2E0VYG. He plans to operate most evenings, after dark, which is about 18Z, from now until October.

6W – Senegal - EA4ATI, Dani, will be in Dakar and QRV as 6W1/EA4ATI until September 15. He is active on 80 to 10 meters using mainly SSB.

FS – St. Martin - FS/W8HC will be here at the end of the month as he "heads south." That should start about July 29 and go to August 6 from Falaise des Oiseaux. He will have a K3S on 40-6 CW and FT8.

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

J6 – St. Lucia - J68HZ is Dr. William J. Schmidt, is planning an August 21 to November 8 visit to St. Lucia QTH where he has a full station with towers and dipoles.

TF – Iceland - TF/HB9HKE is an operation from Iceland starting July 22 and going to August 7.

HP – Panama - In celebration of Panama's Bicentennial HP stations can operate using the 3F200 prefix. Activity will take place between June 1 and November 30.

CU --Azores - Jim, W6PQL will be QRV as CT8/W6PQL from Pico Island, IOTA EU-175, from July 25 to September 4. Activity will be on 40 to 15 meters using SSB and FT8, and EME and FT8 tropo on 2 meters.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX

###

Field Day 2021 Preliminary Results

LCARA had five stations operating during Field Day, 2021, which included CW, SSB and Digital modes. Information received from the station captains was total points scored which included QSO points including multipliers for CW and Digital QSOs, bonus points and on line submission points. The stations that reported are shown below:

<u>Station</u>	<u>Points</u>	<u>Modes</u>
W8QL	1714	DIGITAL
AA8OY	1722	DIGITAL, CW
N8BC	737	SSB, CW
K8BL	4054	DIGITAL, CW
WA8TWM	<u>442</u>	SSB
Total points	8669	

As always, submitted scores are subject to ARRL review.

Jim, AA8OY

###

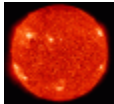
The *PATCH*, Published by the Lake County Amateur Radio Association

Upcoming Contests: (from the OSJ)

July 31-Aug. 1	Missouri QSO Party	https://tinyurl.com/fbfcw8r3
July 31- Aug. 1	Russian WW Multi Mode Contest	http://bit.ly/2CMbWOM
Aug. 1	SARL HF Phone Contest	http://bit.ly/HOIQf
Aug.4	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
Aug. 7	European HF Championship	http://bit.ly/H2eMg5
Aug. 7	FISTS Summer Sprint	http://fistsna.org/operating.html#sprints
Aug. 7	WAB 144 MHz Low Power Phone	http://bit.ly/31_yE4kT
Aug. 7-8	10-10 Int'l Summer Contest SSB	http://bit.ly/1_FrFeBc
Aug. 7-8	ARAL 222 MHz and Up Distance Contest	http://bit.ly/21JZcy9
Aug. 7-8	Batavia FT8 Contest	https://batavia-ft8.com
Aug. 7-8	North American CW 080 Party	http://ncjweb.com/NAQP-RRules.pdf (Featured in this month's column)
Aug. 11	VHF-UHF FT8 Activity Contest	www.ft8activity.eu/index.php/en
Aug. 14	ORP ARCI European Sprint	www.qrparci.org/contests
Aug. 14-15	CVA DX Contest CW	http://cvadx.org/regulamento
Aug. 14-15	Worked All Europe CW Contest	http://bit.ly/2vufgcb
Aug. 14-15	Maryland-DC QSO Party	www.w3vpr.org/node/325
Aug. 15	FISTS Summer Sprint	http://fistsna.org/operating.html#sprints
Aug. 15	SARL HF Digital Contest	http://bit.ly/HOIQf
Aug. 21-22	ARRL 10 GHz and Up Contest	www.arrl.org/10-ghz-up
Aug. 21-22	CVA DX Contest SSB	http://cvadx.org/regulamento
Aug. 21-22	SARTG RTTY Contest	www.sartg.com/index.html
Aug. 21-22	North American SSB QSO Party	http://ncjweb.com/NAQP-Rules.pdf
Aug. 21-22	KCJ Contest	www.kcj-cw.com/e_index.htm
Aug. 22	ARRL Rookie Roundup RTTY	www.arrl.org/rookie-roundup
Aug. 28-29	Hawaii QSO Party	http://hawaiiqsoparty.org
Aug. 28-29	Kansas 080 Party	www.ksqsoparty.org
Aug. 28-29	YO DX HF Contest	www.yodx.ro/en
Aug. 28-29	ALARA Contest	www.alara.org.au/contests
Aug. 28-29	World Wide Digi DX Contest	https://ww-digi.com
Aug 28-29	WNE Island 080 Party	https://usislands.org/qso-party-rules
Aug.29	SARL HF CW Contest	http://bit.ly/HOIQf
August 28	Ohio QSO Party	https://www.ohqp.org/
August 28	W8DXCC	https://www.w8dxcc.com

ARRL News:

☐ **07/23/2021 | [The K7RA Solar Update](#)**



It's exciting to observe increasing sunspot activity. [Read More](#)

☐ **07/23/2021 | [Stations to Celebrate Fourth Anniversary of FT8](#)**



Many stations will take to the airwaves August 2 – 15, to celebrate the 4th anniversary of FT8. [Read More](#)

☐ **07/22/2021 | [Massachusetts Court Okays Amateur Radio Tower, Citing Board of Appeals' Error](#)**



A judge in the Massachusetts Land Court has ruled that the Zoning Board of Appeals in the City of Framingham “erred” in revoking a building permit for an 80-foot ham radio tower. [Read More](#)

☐ **07/22/2021 | [FCC Investigating Alleged “Jamming” on 40 Meters](#)**



Reports suggest that jamming stations have been deployed on the lower portion of 40 meters. The FCC's looking into it. [Read More](#)

###

Upcoming Hamfests

08/07/2021 - [2021 Columbus Hamfest](#)

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

Website: <http://columbushamfest.com>

[Learn More](#)

08/15/2021 - [WARA Tailgate Swap Meet](#)

Location: Warren, OH

Sponsor: Warren Amateur Radio Association

Website: <http://w8vtd.com>

[Learn More](#)

09/12/2021 - [Findlay Hamfest](#)

Location: Findlay, OH

Sponsor: Findlay Radio Club

Website: <http://www.findlayradioclub.org/hamfest>

[Learn More](#)

09/18/2021 - [Mound Amateur Radio Assoc. Swap Meet](#)

Location: Miamisburg, OH

Sponsor: MARA

Website: <http://W8DYD.ORG>

[Learn More](#)

08/07/2021 - [MOVARC HAMFEST](#)

Location: Bidwell, OH

Sponsor: Mid-Ohio Valley Amateur Radio Club

[Learn More](#)

08/28/2021 - [Cincinnati HamfestSM](#)

Location: Owensville, OH

Sponsor: Milford ARC

Website: <http://CincinnatiHamfest.org>

[Learn More](#)

09/18/2021 - [Miami County Swap Meet](#)

Location: Troy, OH

Sponsor: Miami County Amateur Radio Club

Website: <http://w8fw.org>

[Learn More](#)

09/26/2021 - [Cleveland Hamfest](#)

Location: Berea, OH

Sponsor: Hamfest Association of Cleveland

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

[Learn More](#)

###

QRZ Radio Trivia Quiz:

Which propagation mode occurs on 6 meters?

- A: F-layer
- B: E-layer
- C: Tropo
- D: all of the above

RG (as in RG-213, RG-11, RG-8 coax) stands for:

- A: Radio Guide
- B: Rodgers and Guilderson
- C: Reactance Grade
- D: Reliability Gauge

The first American amateur radio satellite sent a continuous Morse code message. What was it?

- A: VVV
- B: HI HI
- C: Greetings
- D: ABC123

Answers on page 23

###



HAM EXAMS IN LAKE COUNTY EVERY OTHER MONTH

The Lake County Amateur Radio Association VE Team will be holding Amateur Radio licensing exams on the following dates in 2021:

Saturday, August 7 *

Saturday, October 2

Saturday, December 4

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). Testing sessions are **usually** 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

*** Note that the June test session will be held at:
Lake County Historical Society, 415 Riverside Drive, Painesville Twp.
(Located at Riverside and Route 84, just west of Riverside High School)**

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

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

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. The FCC now requires a FRN.

If you are new to ham radio and don't have a FRN, Google "New FRN" and follow the apps.fcc.gov link.

If upgrading, be sure to bring **a copy of your current license to the exam.**

The cost to take an exam is \$15.00. 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,. To confirm the location, or if you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com



###

3rd Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **August 17th**, 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. It is a fun gathering.

Due to most COVID restrictions being lifted, having facial covering may or may not be required. Seating with the group is currently limited to ten guests. Overflow guests will be seated within general restaurant seating. Check our website for the latest information.



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.

Upcoming Events for August

8/25 National Park Service's 105th Anniversary @ Garfield 9am – 3pm

8/28 Painesville Township's Family Fun Day @ LCHS 9am - 4pm

###

Our Weekly Nets

Lake County ARES Net

The ARES Net is held **weekly on Mondays at 7:30 pm on 147.210/R – 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.

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

Other Weekly Nets

Monday

06:00-21:00 – BRRO Packet Net – Packet BBS: AB8M@AB8M.#CLE.OH.USA.NOAM or Winlink:AB8M@winlink.org

9:00 am. – Trivia Net – 146.940 (pl 110.9)

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

8:00 pm. – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - followed by 147.435 simplex)

Tuesday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

7:00 pm – ARES Ohio District Emergency Preparedness Training Net (**voice**) (Spring/Summer/Fall) 3.902 MHz (+/-)

7:30 pm. – Swap-N-Shop – 147.015 (pl 110.9)

7:45 pm – ARES Ohio District Emergency Preparedness Training Net (**data**) – 3584.500 KHz. 1500 Hz waterfall-**USB** – Olivia 8-500

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Wednesday

9:00 am. – Trivia Net – 146.940 (pl 110.9) –

8:00 pm. – Quarter Century Wireless Association Net – 146.850 (pl 110.9)

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

Thursday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

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

8:00 pm. – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echolink node- N8CT/L)

8:00 pm. – Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)

8:00 pm. – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input) (Echolink - use- K8BF-L node #508081)

Friday

9:00 am. – Trivia Net – 146.940 (pl 110.9)

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

Saturday

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

9:00 am. – Trivia Net – 146.940 (pl 110.9)

2:00 pm -. Swan Tech Net – 7.235 MHz

3:30 pm. – Kenwood Hybrid Tech Net – 7.235 MHz

Sunday

8:00 am – DX 60 Net – 3.880 MHz – **AM mode**

9:00 am. – Trivia Net – 146.940 (pl 110.9)

3:00 pm – ARES Ohio District Emergency Preparedness Training Net – 3584.5 MHz-**USB** (+1500 Hz waterfall) (Olivia 8-500)

4:00 pm. – Drake Tech Net – 7.238 MHz

9:30 pm. – Tri-County Traffic Training Net – 147.015 (pl 110.9)

###

Sell, Seek or Trade

Bill Somrak < KB8EB@cooncat.net >

1) Cushcraft **ATB-34** full size 4 element tri-band yagi antenna. Just taken down from tower as I am downsizing. Currently sitting on the ground in my back yard, assembled. I will give this antenna to someone for **FREE**, who is willing to disassemble it to fit their transport situation. AND WILL USE IT. Boom is 18 ft. long, but can separate into 3 sections. Elements vary from 28 ft. to 33 ft. but can separate into many sections .. all depends on what you have to transport it. I have 2 sets of assembly instructions that will go with it.

2) Yaesu FT-212RH 2 meter FM mobile radio (45W max). Mostly used as a Packet radio, but has seen some mobile use. Tested for power output recently, and finals are good w/manual \$35.

3) Yaesu FT-747GX HF all mode transceiver. Has full general coverage transmit & receive. Used primarily as a HF mobile rig, it can be used as a home station rig in conjunction with a suitable power supply (13.8v – 25amp) w/manual – \$250.

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

Mike, KD8JDL has donated 100's of radio tubes from his father's store. If members are in need contact Ed, KB8BKE. No charge.

Check the LCARA website Swap/Sell/Trade page for more equipment available.

###



Since 1978

August 2021

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
1	2	3	4 LCARA Picnic & Meeting	5 2 Mtr. Net 7:00pm ARES D-10 Net 7:00pm	6	7
8	9 LC ARES Net 7:30pm	10	11 LCARA Board Mtg. 7:30pm	12 2 Mtr. Net 7:00pm	13	14
15	16 LC ARES Net 7:30pm	17 3 RD Tuesday Breakfast	18 10 Mtr. Net 8:30pm	19 2 Mtr. Net 7:00pm	20	21
22	23 LC ARES Net 7:30pm	24	25 NPS Birthday @ Garfield Home 10 Mtr. Net 8:30pm	26 2 Mtr. Net 7:00pm	27	28 P'ville Twp. Family Fun Day @ LCHS
29	30 LC ARES Net 7:30pm	31				

QRZ Radio Trivia Quiz Answers

Which propagation mode occurs on 6 meters?

- A: F-layer
- B: E-layer
- C: Tropo
- D: all of the above (Correct answer)

RG (as in RG-213, RG-11, RG-8 coax) stands for:

- A: Radio Guide (Correct answer)
- B: Rodgers and Guilderson
- C: Reactance Grade
- D: Reliability Gauge

The first American amateur radio satellite sent a continuous Morse code message. What was it?

- A: VVV
- B: HI HI (Correct answer)
- C: Greetings
- D: ABC123

###

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

The 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, 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

Serving Lake County 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

224.500 - 1.6MHz -PL tone of 141.3 Hz.

444.650 + 5.0MHz -PL tone of 131.8 Hz.

N8BC trustee, Bob Liddy