



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



The *PATCH*

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

The Patch Staff

Editor: KB8BKE
DX: AA8OY
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

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

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	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: June 2nd (Zoom)

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Message from the President

Greetings fellow travelers,

Our June meeting will center on Field Day and how individuals can participate. We had hoped to be together at the LCHS, but unforeseen scheduling conflicts for that weekend have made our presence there untenable. Luckily the ARRL is extending last year's waiver on operating rules and Jim will explain possible alternatives for us as a club.

We hope to also have an update from our district state government liaison Bob Winston on legislation currently being considered regarding "Hands free Driving" in and how that may or may not impact the amateur radio community using mobile radios.

Our VE team will be holding the June 5th testing session at LCHS. Having a Federal Registration Number (FRN), is now required when "conducting business with the FCC".

Lake County ARES will be providing communications support for the Hill Yeah! Half Marathon on June 6th. This event usually has 400 to 500 participants running through Lake Farmpark, Chapin Forest and Penitentiary Glen.

Looking ahead a bit, our club picnic/meeting is scheduled for August 4th. Mark your calendars. We will be sending out a sign up form, later this month. If things go well and members are comfortable about resuming in person meetings, then we could look at restarting with September's meeting.

Until we meet again, stay safe and have a great Memorial Day weekend.

'73

-Ed

May 5th Membership Meeting Minutes

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 – K8QXO
Jeff – WA8SAJ
Neal – NF1X
Bill – N8IJG
Bill – N8WCL
Ron – KC8BTN
Dick – W8GQO
Tom – N8UAZ
Lou – K8LAD
K9EID – Bob
N8GAK – Jeff

Donna – W8DMP
Joe – N8JKO
Ron – NU8N
Cal – W8BZP
Tom – KE8HJL
Bob – N8KBX
Don – WA8TWM
Sally – N1BCF
Brad – N8GLS
Tom – KD8SJK
Nathaniel – KE8RYY
Scott – N8SY

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.
- **President:** Ed (KB8BKE) welcomed presenter for this meeting Bob Heil (K9EID).

Presentation Highlights

- *Bob's (K9EID) presentation included valuable information on "Optimizing Your Signals!". We thank him for sharing his time, experience, and knowledge with us. Bob's presentation was very interesting, detailed, and extremely educational. Several members had questions/comments for him.*
- *The purpose of this presentation was to: Provide valuable information on "Optimizing Signals" for Amateur Radio Operators.*
- *Topics covered in tonight's detailed presentation include:*
 - *Introduction*
 - *Bob's Amateur Radio History and his Introduction to Amateur Radio*

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- *Early Days, First Station, First Contact*
- *Early Experience with Transmitters, Receivers, Amplifiers, Antennas, Towers*
- *Early Dayton Hamvention Events*
- *CQ Magazine Editor for VHF SSB*
- *Ye Olde Music Shop*
- *History of Heil Sound*
- *Rock N Roll Touring, Festivals*
- *Quadrophenia Tour*
- *Heil Talk Box*
- *DirecTV*
- *MELCO - Marissa Electronics Company*
- *Science of Sound*
- *Audio and Articulation*
- *Power Focus*
- *Equalization*
- *Distortion*
- *Microphones, Headsets*
- *Phasing*
- *75 Meter Phased Array Antenna System Video*
- *Ham Nation Podcast*
- *The Pine Board Project (QST Cover - Lead Article)*
- *Parametric Equalizer*
- *Parametric Receive System*
- *Heil Stealth Microphone Connector*
- *Heilwire*
- *“Heil Ham Radio Handbook” – Second Edition Book*
- *“All Things Microphones – Things You Were Never Told” Book*
- *Heil Sound Display at the Rock N Roll Hall of Fame in Cleveland, Ohio*
- *Questions & Answers*
- *Bob played a musical piece on his theatre organ at the end of the meeting. The group thoroughly enjoyed his performance.*

End of Presentation

- Additions and/or Corrections to the Patch: There are no additions/corrections to the Patch.

Treasurer Report: Paul (W8PJW) reported:

- Provided a Treasurer’s report. All good. One new member joined.

Secretary Report: Donna (W8DMP) reported:

- Created/Submitted LCARA Membership Meeting Minutes and LCARA Board Meeting Minutes.
- A new member joined the club in April. Please welcome Robert Lloyd (KE8PHH) to LCARA. A new member packet will be sent to him soon.

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

- No additional information on activities or events other than the picnic.

Radio Officer Report: Bill (N8IJG) reported:

- Bill (N8IJG) advised the group that he is not the club's "Radio Officer". He is just helping with the role. Repeaters are operational at this time.

DX: Jim (AA8OY) reported:

- LORD HOWE ISLAND- VK9/L VK9LF, Doug Speedy, is currently living on Lord Howe. He particularly listens to 18140 and 24950 kHz.
- ANARCTICA - VK0 VK0PD, Paul, an "instrument electrician" and "trades supervisor," is at Casey Station.
- GUERNSEY— GU Members of the Guernsey Amateur Radio Society (GARS) plan to activate special event station GB5LIB in celebration of the 76th anniversary of the Liberation of the islands in the Bailiwick of Guernsey. Activity will run from 0001Z May 8th through 2359Z on May 14th. Listen for them on 160 through 10 Meters and if conditions warrant 6 and 4 Meters. They could also do some satellite operation, including QO100.
- AZERBAIJAN, 4J. Special event station 4J880M is QRV to celebrate the 880th birthday of the writer and philosopher Nizami Ganjavi.
- TONGA, A3. Masa, JA0RQV is QRV as A35JP from Tongatapu Island, IOTA OC-049, until October. Activity is on 80 to 6 meters using CW, SSB and FT8.
- BELARUS, EU. Special event station EV76M is QRV during May to celebrate the 76th anniversary of the Victory in Minsk in World War II.
- REUNION ISLAND, FR. Phil, F5TRO and Ann, F5BSB will be QRV as FR8UA and FR8TZ, respectively, during May. Activity will be on 80 to 6 meters using CW, SSB and various digital modes.
- MONGOLIA, JT. Members of the JTDXA Team are QRV with special event call sign JU100DX until July 10 to celebrate Mongolia's 100th anniversary of independence.
- FALKLAND ISLANDS, VP8. Matthew, M0ZMS is QRV as VP8ZMS from the British Air Force Base in Mount Pleasant. Activity is on the HF bands using CW and various digital modes.

ARRL Field Day: Jim (AA8OY) reported:

- ARRL is using the same rule package as they used last year. The easiest thing to do is to go to the ARRL website and look up Field Day to get the details.

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- We will operate in the same way as we did last year. LCARA members will operate independently from whatever location he or she is at.
- Most importantly when the logs are submitted at the end, please be sure to identify Lake County Amateur Radio Association exactly on the form. Doing this will allow our scores to be accumulated accurately. Scoring will be determined on that basis.
- Maybe next year Field Day will return to the way it was in the past. Many people worked it last year because they could work from home.

Lake County History Center: Bob (K8QXO) reported:

- The Air Force Band will be performing at the History Center on June 27, 2021. The History Center requested LCARA assist with parking for the event. The event will begin at 6:00 p.m. Bob (K8QXO) will provide additional detail as soon as more details become available.
- The History Center advises there should be no problem with Field Day.

Events Public Service: Mike (WB8ZGH) reported:

- The Half Marathon is scheduled to take place out of Fairport Harbor on May 16, 2021. We are looking for help for this event.

Nets

- Bill (N8IJG) reported: Tomorrow (Thursday) is the next scheduled 2-Meter Net. Since it is the first Thursday of the month, Bill (N8IJG) plans to make it available through YouTube. You can find the LCARA Thursday Night net by looking up N8IJG with tomorrow's date.

Meeting adjourned at: 8:56 p.m.

Donna (W8DMP)

###

Sunshine

by Donna Wheeler W8DMP

LCARA wishes Rick White (W8QL) a quick and full recovery from a recent hospital stay. Get well soon, Rick.

###

Backscatter for June 2021

by: *Scott Farnham KO8O*

LCARA Historian



BACKSCATTER

410 Years Ago: Sunspots are discovered. Johannes Fabricius, a Dutch astronomer published "Narration on Spots Observed on the Sun and their Apparent Rotation with the Sun." On Mar 9, 1611, Johannes had used his telescope to view the rising sun and saw several dark spots, calling his father to investigate this new phenomenon with him. The brightness of the Sun's center was very painful to view, and the two quickly switched to a projection method by means of a camera obscure.

173 Years Ago: Samuel F. B. Morse obtained a reissued patent for Morse code

96 Years Ago: The first telecast in the U.S. of objects in motion was made by Charles Jenkins. He called it "visions by radio." The first mechanical TV system broadcast used 48 scanning lines and showed a model of Dutch windmill with its blades turning.

40 Years Ago: The 3rd annual Hamfest is now history, with Chairman Tom, N8BLL leading the somewhat more experienced team. Following previous years' hamfests at the Painesville armory and the Mentor High School, this year's hamfest is held at the Madison High School.

The repeater grows 60' !! On Sunday, April 26 the antenna was raised on a new steel tower, mounted on a concrete pad constructed over the last several months. Radio Officer Rusty gives thanks to Ron WB8UGW, Bill WD8CFK, Dave WD8DQW, Gary KA8IQA, and TJ KA8IPX.

BIH in Paris, France, announces that a positive leap-second will occur at the end of June. Following 23h 59m 59s on June 30th will be both 23h 59m 60s and 00h 00m 00s.

35 Years Ago: The FCC states that it may be illegal to suggest a selling price for 3rd party equipment listed on swap nets.

In an active month, the FCC also states that outdated rules have contributed to the decline of AM broadcasting. In response, they recommend relaxation of restrictions on ownership, signal interference, and suggest allowing daytime-only stations to broadcast full time.

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Price increases of up to 20% since October are noted in a number of imported rigs. With the yen at 180 per dollar vs 240 in September, a depreciating dollar is blamed for making US exports cheaper, and imports more expensive.

30 Years Ago: Ken, WT8F and Bruce, N8LXS make the 1st WACO satellite contact. After arrangements on the 444.65 repeater, they link up Mode A (145.886 up, 29.886 down), logging both CW and SSB QSOs using the Russian RS-10/11.

In QRM ES QRN ES QSB DE K8BL, Bob discusses both the highlights and lowlights of the 2nd VP2EOH DXpedition to Anguilla. Despite ground loop problems with the antenna rotor causing “lots of BIG sparks” whenever the power supply touched the IC-735 rig, roughly 3500 contacts are made. At least last year’s problem of 70 VAC showing on the coax was not repeated.

A bill making its way through the Ohio House would severely restrict “communication towers” to 35’ above grade. Exemptions are made if the tower is at least one thousand feet from the nearest residence, and the minimum setback of the tower is equal to the tower’s height.

20 Years Ago: The program at June’s club meeting will be a guest speaker from the Ohio Area Repeater Council.

15 Years Ago: Tom Brown, KB8WFD, SK.

10 Years Ago: The News Herald reports on LCARA’s Field Day operation at the Lake County History Center. Mike Goffos is quoted, saying “it’s an annual practice for emergency communications [and] it simulates emergency situations. Another ham states “it’s an excuse to go out and play and see if this [equipment] really works.

5 Years Ago: See the following article “Dateline Dayton”

Dateline: Dayton - May, 2016

Lost Vermont Amateur Found!

A Vermont amateur radio operator was found today in a remote hallway within the Hara Arena complex, three days after the end of the Hamvention. Officials at a news conference identified the man as Gerry Mapleshire and described him as being found “disoriented, hungry, and with three days of beard growth.”

After medical technicians revived his blood sugar by providing a leftover \$6 Hamvention hotdog, Mapleshire recalled what happened:

“It was shoulder-to-shoulder on the arena floor. I remember a nice looking lady handing me a free Kenwood cloth bag full of brochures and a lapel pin, then the crowd shifted and I was pushed into the MFJ booth” said Mapleshire.

“I got on my hands and knees and crawled out of the MFJ booth. I got to the arena floor ramp but the crowd was so thick. I somehow ended up in a hallway by the loading docks, without my Kenwood bag,” he said.

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He wandered through dark hallways trying to find his way out of the vast complex for three days before a maintenance worker found him. "I called for help on 146.520 but no one answered," said Mapleshire.

Hamvention information deputy Ned Doubtman investigated why his radio call went unanswered. "Turns out he was transmitting WITHOUT a PL tone. Everyone here blocks out QRM by using PL on transmit and receive. It's no wonder he wasn't heard," said Doubtman.

Mapleshire says he's still recovering from the traumatic experience, but would like to get in touch with someone from Kenwood so he can get his lapel pin.

Thanks to Ham Hijinks

- Scott KO8O

###

\$35 !?!!

As rumored, the FCC will begin charging a \$35 "Application Fee" in the near future. No date has been announced yet, but it will likely be this summer. It will apply to:

New Licenses - Upgrades - Renewals - Vanity Calls

It will **NOT** apply to name changes, address changes, or e-mail address changes.

New license applicants at VE tests will still pay a \$15 test fee, and after the test, successful applicants will need to pay the new \$35 fee directly to the FCC via their Pay Fees System.

This will not be effective until the Commission updates their systems and publishes notice in the Federal Register. When this happens and if your license is coming up for renewal, you may want to see if you are in the 90 day renewal window and save \$35.

###

DX Alert for June 2021

by: Jim Pyle AA8OY



June 2021 DX Alert

TY – Benin Ian, ZS6JSI, has been on the air with the ZS5JSI/TY call sign since January, and has now gotten the TY5AB call sign. He is doing some 20M FT8 and has just got an amplifier, with plans to get on other bands and modes. He is in Benin through June.

5N – Nigeria - 5N7MSF is in Nigeria until September 15,. He says he will try to get on the air as much as possible after his working hours and Saturdays and Sundays. He particularly mentions 14122 and 21170. US ops will hope he listens split in the US band.

4K – Azerbaijan - The 4K880NKM call sign is for the 880 years since the birth of poet Nizami Ganjavi. Using this unusual call sign is operator 4K4K from Baku.

FM – Martinique - FM/OQ3R by ON4RU/OQ3R, from the FM5BH QTH, is planned to June 5, holiday style on 160-10, CW only.

HH – Haiti - HH2JA, Peter, began operation with his antenna on his hotel balcony. Currently he is in Pétionville, planning a 3-year stay.

VP2V – British Virgin Islands - VP2V/NC3Z, Gary Mitchelson, will be on the air June 3-14.

YL – Latvia - YL21ICE is a special call sign for the Ice Hockey World Championship to be held in Riga May 21 to June 6. Operation will be from various locations there and on 160-10M including 30, 17 and 12 and VHF/UHF, CW, SSB, RTTY and FT8/4.

K9X - Christmas Island - VK6SJ, Steve, has a trip planned to the island for May 25 to June 15. He will get on the air outside of his work schedule, probably nighttime and mainly FT8. His call sign will be VK9XX.

TA – Turkey - TC568FA is a special call sign, slated to go to June 28. The ops are TA0TA, TA0APA, TA6CQ, TA3X, TA1C1, TA3LHH, TA2MN, TA1EF and TA3ST. The operation commemorates the 568th anniversary of the conquest of Istanbul. Look for them on 160-10, SSB, CW and digital modes.

5U – Niger - Adrien, F4IHM is now QRV as 5UAIHM until June 27 while on work assignment. Activity is in his spare time on 40 and 20 meters using CW and SSB.

5R – Madagascar - Daniel, 6W7RP is QRV as 5R8RP from Nosy Be, IOTA AF-057. Activity is on 40 to 6 meters.

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Z2 – Zimbabwe - Peter, PA3CPI is now QRV as Z21DX and has been active on 20 meters using SSB between 1740 and 1800z.

Happy hunting!

~Jim, AA8OY

(Thanks to ARRL DX and Weekly DX)

###

Upcoming Contests: (from the OSJ)

June 4-6	PODXS 070 Club Three Day Weekend Contest	http://bit.ly/2Srdp8A
June 5-6	10-10 Open Season PSK Contest	http://bit.ly/1FrFeBc
June 5-6	Kentucky QSO Party	www.kyqsoparty.org
June 5-6	Liga Radio Boga (LRB) HF Contest	www.qrz.com/db/hk3lrb
June 5-6	RSGB CW Field Day	http://bit.ly/2OKdymu
June 5-6	Seanet Contest	www.seanet2019.com/seanet-contest
June 5-6	Tisza Cup CW Contest	https://tinyurl.com/ar2kyr6p
June 7	RSGB 80m Club Championship, Data	http://bit.ly/3avHbk3
June 12	Asia-Pacific SSB Sprint	http://jsfc.org/apsprint
June 12	AGCW VHF-UHF Contest	https://bit.ly/3lw91PK
June 12-13	Portugal Day Contest	https://portugaldaycontest.rep.pt/rules.php
June 12-13	GACW WWSA CW DX Contest	www.contest.com.ar/gacw-wwsa
June 12-13	REF DDFM 6M Contest	http://concours.r-e-f.org/index.php
June 12-13	DRCG Long Distance Contest (RTTY)	www.drcg.de
June 12-14	ARRL June VHF QSO Party	www.arrl.org/june-vhf
June 16	RSGB 80m Club Championship, CW	http://bit.ly/3avHbk3
June 19	FIRAC VHF Contest	www.fireac.de/index.html
June 19-20	All Asian CW DX Contest	www.jarl.org/English/0-2.htm

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June 19-20	Stew Perry Top band Challenge	www.kkn.net/stew/stew_rules.html
June 19-20	Ukrainian DX classic RTTY Contest	http://urdx.org/rtty
June 19-20	West Virginia QSO Party	https://tinyurl.com/54c7ajfp
June 24	RSGB 80m Club Championship, SSB	http://bit.ly/3avHbk3
June 26-27	ARRL Field Day	www.arrl.org/field-day
June 26-27	His Maj. King of Spain SSB Contest	http://bit.ly/1cKAR5V
June 26-27	Ukrainian DX DIGI Contest	www.izmail-dx.com
June 28	RSGB FT4 Contest Series	http://bit.ly/3mCNXXH

###

ARRL News:

05/25/2021 | [Amateur Radio Gearing Up for Another Active Atlantic Hurricane Season](#)

The Atlantic Hurricane Season, which starts on June 1, promises to be a busy time for radio amateurs who volunteer on the Hurricane Watch Net (HWN). [Read More](#)

05/21/2021 | [The K7RA Solar Update](#)

Tad Cook, K7RA, Seattle, reports: Sunspot activity continues this week. [Read More](#)

05/14/2021 | [Wooden Satellite to Launch by Year's End](#)

The WISA Woodsat project, being sponsored by plywood supplier WISA in an unconventional PR initiative, is poised to place a wooden satellite into orbit by the end of the year. [Read More](#)

###

Upcoming Hamfests:

06/05/2021 - [FCARC SummerFest](#)

Location: Wauseon, OH

Sponsor: Fulton County Amateur Radio Club

Website: <http://k8bxq.org/hamfest>

[Learn More](#)

07/10/2021 - [Mansfield Mid-Summer Trunkfest](#)

Location: Mansfield, OH

Sponsor: InterCity Amateur Radio Club

Website: <http://iarc.club>

[Learn More](#)

07/17/2021 - [NOARSFEST](#)

Location: Elyria, OH

Sponsor: Northern Ohio Amateur Radio Society

Website: <http://noars.net>

[Learn More](#)

07/18/2021 - [Van Wert Hamfest](#)

Location: VAN WERT, OH

Sponsor: Van Wert Amateur Radio Club

Website: <http://W8FY.ORG>

[Learn More](#)

08/07/2021 [DX Engineering Hamfest](#) & [Great Lakes Division Convention](#)

Location: Tallmadge, OH

Sponsor: DX Engineering

Website: <http://dxengineering.com>

[Learn More](#)

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

Location: Grove City, OH

Sponsor: Aladdin Shrine Audio Unit

Website: <http://columbushamfest.com>

[Learn More](#)

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

Location: Owensville, OH

Sponsor: Milford ARC

Website: <http://CincinnatiHamfest.org>

[Learn More](#)

###

“The first wireless operators were landline telegraphers who left their offices to go to sea or to man the coastal stations. They brought with them their language and much of the tradition of their older profession. In those early days, every station occupied the whole spectrum with its broad spark signal.

Government stations, ships, coastal stations and the increasingly numerous amateur operators all competed for time and signal supremacy in each other's receivers. Many of the amateur stations were very powerful. Two amateurs, working each other across town, could effectively jam all the other operations in the area.

Frustrated commercial operators would refer to the ham radio interference by calling them "hams." Amateurs, possibly unfamiliar with the real meaning of the term, picked it up and applied it to themselves. As the years advanced, the original meaning has completely disappeared.”

###

QRZ Radio Trivia Quiz:

When was the first electronic computer completed?

- A: 1938
- B: 1944
- C: 1946
- D: 1948

Besides frequency, what were the original limitations on the Novice license?

- A: 5 watts, crystal control, no distance limit
- B: 25 watts, VFO allowed, distance up to 100 miles
- C: 25 watts, crystal control, no distance limit
- D: 25 watts, VFO allowed, no distance limit

Answers on page 24

###



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, June 5*

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.

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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 requests you provide a FRN, although your Social Security Number still works, at least for now. If you are new to ham radio and don't have a FRN, Google "New FRN" and follow the apps.fcc.gov link.

Be sure to bring **a copy of your license to the exam**. The cost 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. 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 June 15th, 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 COVID restrictions being lifted in some cases, 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.

Events in June

5th VE testing @ LCHS

6th GCXC Hill Yeah! Half Marathon & 3 person Relay Race

12th Beer & Brats for Dad @ LCHS (12-4)

26th & 27th ARRL Field Day!

###

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.

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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)

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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

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)

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Sell, Seek or Trade:

Joseph Koscovics < n8jko@outlook.com >

Flight Case:

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. One rack shelf included. Price is \$60. Please contact by email. N8JKO@outlook.com

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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

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.

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

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Since 1978

June 2021

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
		1	2 LCARA Mtg. 7:30pm	3 2 Mtr. Net 7:00pm	4	5 VE Testing @ LCHS 12:00
6 GCXG Hill Yeah! Half Marathon	7 LC ARES Net 7:30pm	8	9 LCARA Board Mtg. 7:00pm 10 Mtr. Net 8:30pm	10 2 Mtr. Net 7:00pm	11	12 Beer & Brats for Dad @ LCHS
13	14 LC ARES Net 7:30pm Flag Day	15 3 RD Tuesday Breakfast	16 10 Mtr. Net 8:30pm	17 2 Mtr. Net 7:00pm	18	19 Juneteenth
20 Father's Day	21 LC ARES Net 7:30pm	22	23 10 Mtr. Net 8:30pm	24 2 Mtr. Net 7:00pm	25	26 ARRL Field Day
27 ARRL Field Day	28 LC ARES Net 7:30pm	29	30 10 Mtr. Net 8:30pm	2 Mtr. Net 7:00pm		
30	31 LC ARES Net 7:30pm					

QRZ Radio Trivia Quiz Answers

When was the first electronic computer completed?

A: 1938

B: 1944

C: 1946 (Correct Answer)

D: 1948

Besides frequency, what were the original limitations on the Novice license?

A: 5 watts, crystal control, no distance limit

B: 25 watts, VFO allowed, distance up to 100 miles

C: 25 watts, crystal control, no distance limit (Correct Answer)

D: 25 watts, VFO allowed, no distance limit

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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/>