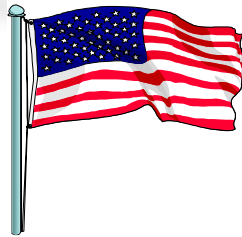


The LCARA Patch

10 METER ROUNDTABLE

WEDNESDAY NIGHT @ 2030 HRS

28.450 MHz



LCARA TWO METER NET

THURSDAY EVENING @ 1900 HRS

LCARA WEBSITE

LCARA.ORG

The *PATCH*

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Ed Kopcak	KB8BKE	President
		Vice-President
Rick White	W8QL	Secretary
Ed Kopcak	KB8BKE	Treasurer
Joe Koskovic	N8JKO	Director at Large

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Sunshine	Donna Wheeler W8DMP	
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG



NO MAY MEETING

415 Riverside Drive
Painesville Township, Ohio 44077
<http://lakehistorycenter.org/>

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A Message from the President

Greetings fellow travelers,

I hope this finds all of you well and in good spirits. Although it is not certain when we may be able to get the club together again, the hope is for June. That depends entirely on what our governor allows and, also any changes in policy from LCHS. Given the make-up of our group and owing to current and possible future restrictions, we do not want to place anyone at risk.

There is some membership news of note. We have added one new and one former member re-joining this past month. Please welcome Ernest Duschen KE8AJW, and welcome back Jim Barnes KC8EBR. Also, sadly Andy Fortier suffered extensive injuries earlier this month due to a motorcycle accident. He was hospitalized for almost three weeks and is convalescing at home in the care of family. He is in good spirits after his ordeal and hopes to be recovered and back to riding by June.

I would like to announce that Paul and Donna Wheeler have agreed to join (re-join) the Board and will be formally appointed at our next meeting. Donna will also become our Sunshine coordinator, taking over for Connie. Thank you Connie for all your time and effort on behalf of LCARA over the years, and thanks to Paul and Donna.

Be patient and kind. Stay safe.

“73
Ed



Sunshine Report

By Donna, W8DMP

BACKSCATTER

79 Years Ago: Konrad Zuse builds the first fully-functional programmable computer, humbly naming it the Z3. It was a binary electromechanical computer with 2,400 relays, with programs entered from punched rolls of discarded movie film. Being programmable, it was more flexible than the Atanasoff binary ABC of 1942 and ENIAC in 1945-46 which were special-purpose calculators, neither being freely programmable. The Z3 was used by the German aircraft industry to solve systems of simultaneous equations and mathematical aspects of the vibration of airframes under stress, and was destroyed in 1944 bombing raids.

45 Years Ago: The first home videocassette recorder, the Sony Betamax is introduced. It was capable of recording one hour of video, but the JVC VHS (Video Home System) introduced the next year was capable of two-hours. Both companies quickly introduced models with twice the playing time, but the Betamax was more complex, more expensive to manufacture, and more costly to maintain. Not surprisingly within a few years VHS was the clear winner in the marketplace. Sony continued production, eventually making fewer than 3,000 VCRs in 2001, ending Betamax production the following year.

40 Years Ago: The FCC proposes NPRM 80-136, requiring that amateurs need give only their own calls when signing with another station, unless 3rd party traffic is involved. The current rule, largely ignored in contests, requires that both calls be given.

An article, entitled "From Funnel to Final" instructs that when one's power supply conks out, it is handy to have some liquid amperes on hand to pour down the coax to keep one's station on the air. It is important to use the right amount, which is four quarts for a full gallon rig.

35 Years Ago: LCARA begins VE exam sessions. Following new FCC rules, the bi-monthly exams are given at the United Way of Lake County. The cost is \$4.00

Backscatter cont'd.

The FCC monitoring network has been investigating problems on 3895 kHz. Excessive power and use of fraudulent "amateur-like" signs, plus business communications and interference to neighbors is sited. No names are included, but 22 locations are given, including Madison Ohio.

The ARRL adds packet radio to Field Day, giving 100 bonus points for the first contact, plus points for each QSO.

Dick Bash, KL7IHP advises he is out of the ham radio publishing business. Wayne Green is quoted as saying Bash's books were "one of the most destructive forces in amateur radio."

30 Years Ago: Jim Smith, VK9NS, is a one man DXpedition to Bhutan, signing A51JS. Working barefoot into a vertical, his signals are reported as being very weak.

25 Years Ago: LCARA applies for a club callsign. Plans are to change the computer assigned call, KB8YWA, to N8BC under the new vanity program.

20 Years Ago: Chesterfield Islands, TX0, is declared a new DXCC Entity.

After a nearly 10 year hiatus, the Kingdom of Bhutan authorizes amateur radio again. A team of operators is invited by the government to operate for 12 days in May.

Pete Buehner, KC8ER inaugurates the Ham Radio History e-mail Reflector.

15 Years Ago: Due to bad weather, attendance at the hamfest is well below average.

Bruce Knox, W8GN, SK.

10 Years Ago: Matt, W8DEC reports that all three repeaters are back on the air at TriPoint after their move.

LCARA Historian

Scott, KO8O



DX Alert, May 2020

4K – Azerbaijan - 4J0STAYHOME and 4K0STAYHOME are special calls. QSL via DC9RI through the German DARC bureau or direct.

4U1UN – United Nations HQ - United Nations HQ station 4U1UN was reported on F/H FT8 on 20 and 40 meters.

XU – Cambodia - XU7AMG by operator BG9XD (KG5NJU), Tom, is on the air until June 14th. He plans to be on 80, 40, 20, 15 and 10, CW, SSB and RTTY.

A6 – United Arab Emirates - The Emirates Amateur Radio Society, EARS, have added two more stations to their A60SH operation. They are: A60StayHome/13, op A61RJ, QSL direct to A61RJ, and: A60StayHome/14, op A65GC, QSL direct to A65GC.

GI – Northern Ireland - GB4NHS is in Northern Ireland and is active now.

GI – Northern Ireland - GB1SOS will be on the air until May 11, SSB on 20-10 meters “if conditions allow”.

YO – Romania - YO19STAYHOME is from the Federatia Romana de Radioamatorism, April 15 to September 15.

EY – Tajikistan - Look for EY8BS with EME operations from April 30 to May 5 from grid MM48il.

RI1 – Anarctica - Alexander, RX3ABI will be active as RI1ANM from the Russian Mirny Station in Queen Mary Land, (AN-016), on the coast of the Davis Sea, until early 2021. Activity will be on various HF bands during his spare time.

Happy hunting!

Jim, AA8OY
Thanks to ARRL DX and Weekly DX



Field Day 2020

Due to another event scheduled at the Historical Society the Saturday of Field Day, we are going to set up in different locations. The barn and the village are not available to us. All stations will need to be in or around the main building. I'm not certain how many stations we will be running. At this time I'm asking our members to let me know:

1. Will you operate during Field Day?
2. Will you be a station captain and be responsible for organizing and setting up your station?
3. Will you be able to assist with set up?
4. Will you be able to assist with tear down?

Please send me an email in regard to your participation to

AA8OY@ARRL.NET

Jim, AA8OY

OHEPN

The Ohio HF Emergency Preparedness Net is conducted every Tuesday at 7PM local time on 3850 kHz (or nearby, to adjust for interference). You may have to move up or down the band if you do not hear them near that frequency.

Please note the Net Control Station transmits from the State of Ohio Emergency Operations Center in Columbus.

Should you have any questions regarding the net, I encourage you to contact Team [W8SGT](mailto:w8sgtohio@gmail.com) at w8sgtohio@gmail.com.

OHDEN

The OHIO DIGITAL EMERGENCY NET. OHDEN is an Section Level ARES approved NBEMS **emergency** traffic net. The purpose is to provide a statewide communications conduit between the EMA/EOC'S in Ohio. The net uses sound card digital modes and NBEMS to pass written traffic. The net uses the low frequency HF bands for statewide NVIS coverage. FLDIG is the standard software. District and county level communications are provided at the local level by the DEC/EC's.

Each Ohio ARES district and county is encouraged to organize digital capabilities and to liaison to the statewide OHDEN net.

In addition, OHDEN provides training, **technical** assistance and organizational assistance in support of digital modes and NVIS communications.

During Daylight Saving Time (starting on March 08), The frequency will be 3584.500 KHz + 1500 Hz waterfall USB using Olivia 8-500.

During Standard Time (longest winter months), The frequency will be 1804.500 + 1500 Hz waterfall USB using Olivia 8-500.

During the month of March OHDEN will maintain secondary watch by an Alternate Net Control station on our secondary frequency of 1804.5 KHz to allow stations to check in on both bands and compare signal reports. Check into the primary frequency first and then (optional if you have the capability) call in on the backup 160 meter frequency after Primary NCS has recognized you and you have cleared any traffic you have.

Both of these frequencies are prime and secondary on our OHDEN frequency plan listed in the OHDEN SOG.

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

VE Testing in Lake County

Exams are held every other month.

The Lake County Amateur Radio Association will be holding its **2020** Amateur Radio license exams at the **Kirtland Library**, 9267 Chillicothe Road, on the following dates:



Saturday, February 1

Saturday, August 1

~~Saturday, April 4~~

Saturday, October 3

Saturday, June 6 (maybe)

Saturday, December 5



This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.), and will be held at the Kirtland Library, 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 the 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.

Be sure to bring **the original and a copy of both your license and any CSCEs you may have 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. If you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com



Breakfast Date for May 2020



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, (Cancelled)** at 8:00 a.m. Breakfast orders start being taken at 8:30 a.m. This group averages 15-20 people from all counties, and it provides a great opportunity to meet other Hams, sell and trade your spare equipment. This is not a club event. Please encourage any Hams or non-Hams to bring your significant other, or a friend, to breakfast. It is a fun gathering.

LCARA Board Meeting

Board Meeting



The LCARA Board meeting will be at the Tri-Point facility on **May 13th** @ 7:00 p.m., in the Tri-Point Board room. **(Watch for messages from Ed)**

To find the Board room, simply continue waling past the regular meeting rooms down the hallway. The Board room is located on the left from the main elevators.

All members are invited.

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For Sale or Swap

Equipment for Sale: by Bill, N8IJG (call 440.943.1703)

MFJ 8268 Digital SWR/Wattmeter/Freq Readout	\$140.00
Icom IC-756 Pro 3 Transceiver	\$1300.00
Icom IC-275H 2 meter All Mode Transceiver	\$600.00
Swan 350C w/117XC PS	\$300.00
Icom IC-275H 2 meter All Mode Transceiver	\$600.00
Swan 350C w/117XC PS	\$300.00

Equipment for Sale: by Evan Liechty, W8LSQ (ELIECHTY@windstream.net)

Icom 718, like new, original box, will demo	\$450.00
Kenwood TS950 SD 150 watts, internal power supply, dual receivers, auto antenna tuner, all of the filters, like new condition, will demo	\$475.00
Yaesu FT901 DE, 180 watts, comes with Turner desk mike with Heil HC 5 cartridge, like new, will demo	

Mike, KD8JDL is in the process of disposing of radio tubes from his father's store. If members could e-mail him with requests and he has the tube, there will be no charge.

Check the LCARA website Swap/Sell/Trade page for equipment from the Bricker's estate.

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

Events Contact Info.

Event	Contact	Location	Date
ARES	WB8ZGH mgoffos@ymail.com	147.210 MHz	Mondays 1930
Two Meter Net	Bill N8IJG n8ijg@arrl.net	147.210 MHz	Thursdays 1900
Ten Meter Roundtable	WB8ZGH mgoffos@ymail.com	28.450 MHz	Wednesdays 2030
LCARA Board Meeting	Tri-Point Board Room	Tri-Point Medical	Wed. 5/13 1900
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Library	Sat. 6/6 12:00

LCARA Net Information

Lake County ARES Net

The **Net is Every Monday at 7:30 pm** on the 147.210 repeater. This net is open to all licensed operators; you do not need to be a member. This net is provided for operators to verify the proper operation of their equipment and verify their stations capabilities in the event of an emergency. Here is your perfect chance to be Net Control or Alternate Net Control. Step forward, no experience is necessary, everyone will help you.

Lake County Two Meter Net

The 2 Meter Net runs weekly. Come join your fellow hams on Thursday's at 7:00 pm on 147.210 MHz. this is an informal net where the group can discuss any subject for the good of the group, great time to ask those questions, especially from the new operators. List your items related to ham radio that you want to sell or swap and any sunshine announcements to pass on.

N8IJG brings us the ARRL News when available. Bill is always looking for Alternate Net Control Operators. Please check in.

Ten Meter Roundtable

The 10 meter Roundtable meets on Wednesday's at 8:30 pm on 28.450 MHz. This is an informal roundtable where the group can chat about anything that comes to mind and even correct some of the world's problems.

You don't need to be a LCARA member, just have at least a Tech ticket and some 10 meter gear. The Roundtable is a good chance to meet old and maybe some new friends this is a "Round Table" anyone can start it off on 10 meters. Any Questions contact WB8ZGH.

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Ohio Emergency Preparedness Nets, Columbus EOC

Ohio Emergency Preparedness Net, W8SGT, is on every Tuesday at 7:15 pm. Try 3.902 MHz, tune up and down the band and check in! Follow on Twitter (hashtag W8SGT) for frequency information on the 80 meter band.

Ohio Digital Emergency Net

Ohio Digital Emergency Net is held on Tuesdays at 8:00 pm (0100 UTC).

OHDEN meets on 3585 KHz +/- USB <http://ohden.org/>

This net is looking for all Ohio Counties to check-in. Learn as you go.

Modes: OLIVIA 8/500/PSK31 alternate, with MT63 1K for bulletins.

Frequency: 3585 KHz, 7072 KHz alternate.

MT63 2K on VHF/UHF with PSK as an alternate (Assigned locally)

The Amateurs Code

By Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... never knowingly operating 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.

Voice Repeaters N8BC

147.210 with a .600 MHz+ offset PL tone of 110.9 Hz.

224.500 with a 1.6MHz.-offset, PL tone of 141.3 Hz.

444.650 With a 5.0MHz. +offset, PL tone of 131.8 Hz.

(Repeater & N8BC trustee, Bob Liddy, K8BL)



Web site: www.lcara.org

To receive the Patch via email in PDF format Send an e-mail to lcara_patch-subscribe@yahoogroups.com

The Lake County Amateur RADIO ASSOCIATION

May
2020

LCARA CALENDAR OF EVENTS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3	4 ARES NET 7:30 (147.21)	5	6	7 LCARA Meeting Net 7:00 (147.21)	8	9
10	11 ARES NET 7:30 (147.21)	12	13	14 LCARA Meeting Net 7:00 (147.21)	15	16
17	18 ARES NET 7:30 (147.21)	19	20 10 Meter Roundtable 8:30 (28.450)	21 LCARA Meeting Net 7:00 (147.21)	22	23
24	25 ARES NET 7:30 (147.21)	26	27 10 Meter Roundtable 8:30 (28.450)	28 LCARA Meeting Net 7:00 (147.21)	29	30
31						