

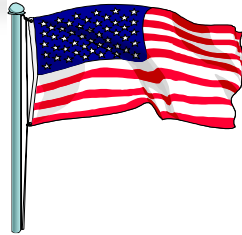


The LCARA Patch

10 METER ROUNDTABLE

WEDNESDAY NIGHT @ 2030 HRS

28.450 MHz



LCARA TWO METER NET

THURSDAY EVENING @ 1900 HRS

147.210 TL 110.9

LCARA WEBSITE

www.LCARA.ORG

The *PATCH*

Published by the Lake County Amateur Radio Association

P.O. Box 868

Painesville, OH 44077-0868

The Patch Staff

Editor: Melody Leasko, KB8QIB

LCARA Officers

Ed Kopcak	KB8BKE	President
		Vice-President
Donna Wheeler	Wk8DMP	Secretary
Paul Wheeler	W8PJW	Treasurer
Joe Koskovic	N8JKO	Director at Large

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ARES/Public Service	Mike Goffos	WB8ZGH
Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA8OY
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LCHS Liaison	Bob Mekinda	K8QXO
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Repeater	N8IJG & KB8BKE	
Sunshine	Donna Wheeler	W8DMP
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG



NO JULY MEETING (Webex)

415 Riverside Drive

Painesville Township, Ohio 44077

<http://lakehistorycenter.org/>

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A Message from the President

Greetings fellow travelers,

Well, another Field Day weekend has come and gone. All the participants are now tallying logs and organizing submission forms. This once a year event serves to remind us that ham radio is truly interesting and fun. Although it requires dedication and a commitment not many outsiders understand, we know the reward can be as simple as when at 03:00, sleep deprived, fighting a pileup, you realize "...hey, I just worked Hawaii...". If only for a moment, all the planning, preparation and skill pay off. Then it's back to work. Such is the nature of our great hobby.

In other news, LCHS is planning to re-open July 7th. We may possibly be able to hold an in person meeting in August, but for now, plan on continuing to meet online and on the air.

Remember our nets weekly on Monday, Wednesday and Thursday and consider stopping by to chat a bit or just say hi.

Hope you all stay healthy and make the most of summer.

Take care & '73

Ed

Meeting Minutes for June

Board Members Present:

- KB8BKE – Ed Kopcak, President
- W8QL – Rick White, Secretary
- N8JKO – Joe Koskovics, Director At Large

Members Present:

- Ed – KB8BKE
- Rick – W8QL
- Joe – N8JKO
- Bill – N8IJG
- Paul – W8PJW
- Donna – W8DMP
- Mike – WB8ZGH
- Ron – KC8BTN
- Don – WA8TWM
- Bob – K8BL
- Jim – AA80Y
- Dale - KG6WGO
- Melody – KB8QIB
- Larry – WB8PHI
- Bob – K8QXO
- Ron – NU8N

Guests Present:

- Bob – N8KBX (Guest)
- Dale – K8DOB (Guest)

Meeting Minutes: (cont'd.)

- Meeting called to order by Ed Kopcak (KB8BKE) at 7:30 p.m. with no introductions.
- There were 16 members and 2 guests present.
- This meeting is the first virtual online membership meeting using the Cisco Webex platform.
- No Pledge of Allegiance at this meeting.
- No guest presentation was scheduled for this meeting.
- No 50/50 raffle was scheduled for this meeting.
- Swap & Sell - None
- Old Business – See below.
- New Business – None
- Ed Kopcak (KB8BKE) led discussion with regard to the following topics:
 - The Lake County Historical Society will not be "open" for public gatherings at least thru June. This impacts LCARA meeting(s) as well as Field Day. Ed mentioned that it is likely that the July membership meeting will be held virtually using the Cisco Webex platform.
 - Paul & Donna Wheeler have agreed to rejoin the board. Paul (W8PJW) will hold the Treasurer position and Donna (W8DMP) will hold the Secretary position in addition to assuming the Sunshine Committee role. Unless there are objections, each are now considered as voted on the board.

Meeting Minutes: (cont'd.)

- Sunshine – At the start of the meeting Ed (KB8BKE) provided a recent Sunshine update for the group. Donna (W8DMP) had no additional updates.
- Treasurer Report – Ed (KB8BKE) No update provided at this meeting.
- Radio Officer Report – Bill (N8IJG) Nothing really new. Repeaters may need some work. Unfortunately, they are all at Senior Centers and we don't have access to them. Tri-Point is operational. We will do what we can. When we get back into the facilities we will take a look at them and report back to the group.
- Additions and/or Corrections to the Patch – Melody (KB8QIB) There were no additions or corrections to the Patch.
- Field Day 2020 - Jim Pyle (AA80Y) provided an overall update on Field Day 2020. Jim posted additional information from the ARRL related to Field Day submittals this year on the LCARA website. It explains the rule changes, modifications, and exceptions to be followed this year. Participate under your own call sign. Be sure to reference LCARA when you submit your forms. Send your score in for the club. It should help. Bonus points won't be available this year. No elected public service officials, site inspectors will be there.

Bob Mekinda (K8QXO) offered to contact the News Herald newspaper and commissioners to let them know we are still having our Public Service event just not in one single location. That should help us. Jim posted additional ARRL information/details on the LCARA website.

The question "If a member of the club works another member of the club does it count?" The answer is with your own call you can use other club members as contacts (for additional information, refer to the ARRL information/details on the LCARA website).

Meeting Minutes: (cont'd.)

- DX Opportunities - Jim Pyle (AA80Y) commented there were many DX opportunities.
 - CQ Worldwide WPXCW took place the weekend prior to this meeting.
 - Falkland Islands – VP8HDM/A will operate from several locations during International Museum's weekend.
 - CE9 Antarctica is operating.
 - KC4USV at Mcmurdo Station ham station. Likes 14.243 sideband.
 - Tim, M0FGC, is now living in Phillipines and operating at DU3TW. Mostly on CW with some sideband and FT8.
 - Brayden, KC1KUG, will be operating as KL7/KC1KUG from Fire Island June 2nd through June 27th. Only on 40 and 20 meters. He will be possibly on 30 and 17 meters as well. CW, sideband, and FT8.
- Public Service - Mike Goffos (WB8ZGH) mentioned there are no public service events scheduled. Lists keep growing with cancellations.
- Nets
 - 10 Meter Roundtable - Mike (WB8ZGH) reported that the Wednesday 10 meter roundtable is active and doing well. Watching for check-in's. Mike also mentioned that the ARES roundtable is doing well.
 - 2 Meter Net - No update provided at this meeting.
 - Joe (N8JKO) advises he has no issues with the 2 Meter Net. He has no update on 220, but will update at a future meeting.
- LCARA Club Picnic – Joe (N8JKO) advised the group that he is still waiting to hear from Lake Metro Parks to find out if they will be opening pavilions to those who reserved them to see if the club picnic is still on. He has also not seen any improvements regarding conditions out there. Joe will keep everyone posted.

Meeting Minutes: (cont'd.)

- Rick (W8QL) and Jim (AA8OY) discussed FT8 Update with N1MM possibilities. Website has possibilities for additional instruction.
- Bob (K8BL) advised the group he installed N1MM+ and used it in WPXCW. He is amazed at the program and all that it will do. Very impressed.
- Bob (N8KBX) advised the group that the Buckeye Breakaway is still on the beginning of August.

Meeting adjourned at 8:03 p.m.

Donna Wheeler - W8DMP



Sunshine Report

By Donna, W8DMP

LCARA sent a card with a message of support to Fritz Hemrich (K8WLF) on June 8, 2020.

BACKSCATTER

166 Years Ago: Georg Simon Ohm died at age 65. In 1825 the German physicist showed there are no perfect electrical conductors. He stated "If the given temperature remains constant, the current flowing through certain conductors is proportional to the potential difference (voltage) across it." or $V=IR$.

164 Years Ago: Nikola Tesla was born 10 Jul 1856. The Serbian-American inventor, having discovered the benefits of rotating magnetic fields, designed and built the first alternating current induction motor in 1882. He emigrated to the United States a year later, and expanded its use to dynamos, transformers, and motors.

126 Years Ago: Eight units for the measurement of electrical magnitudes were adopted into U.S. law when President Grover Cleveland signed an Act of Congress "to define and establish the units of electrical measure" for the ohm, ampere, volt, coulomb, farad, joule, watt and henry. There was no word as to why they didn't create a Tesla.

40 Years Ago: The repeater has autopatch! After working out a few bugs, such as the inability to dial several exchanges, the autopatch is working. Thanks go to K8BL, N8BLL, WA8HAR, WD8IVL, WD8OYQ and WA8TNG who made it possible.

The FCC lowers the 6 meter FM window to 50.1 MHz.

35 Years Ago: Following tornadoes touching down in Niles, Hubbard, North Bloomfield and Orwell, John K8ISY, Ken N8EIH and Len N8FQZ report to Red Cross headquarters in Warren. Helping at the hardest hit locations, they provide communications for officials when all other methods were out of service. A day later they are joined by John NI8M and Bob K8BL.

The 24 MHz band is opened to amateurs at 0001Z on June 22nd.

Wayne Green W2NSD resigns as editor of 73 Magazine for the 1st time. He states "... we have a very, very sick hobby."

Backscatter cont'd.

30 Years Ago: Walter Cronkite, former CBS TV evening news anchor, passes his Novice exam, and receives the call KB2GSD. And that's the way it was

25 Years Ago: The ARRL DX Committee creates a minimum size rule for new countries. Newly "discovered" islands must be above water at high tide (always a nice feature for a country), and not less than 10,000 square feet in area. Scarborough Reef is grandfathered.

Martti Lane OH2BH reports the first authorized North Korean operation took place, with 20 QSOs being made by P5/OH2AM.

20 Years Ago: Jim KF8VX reports the ULS tracking system is now on the web.

No one shows up for the foxhunt, including the fox.

15 Years Ago:

Field Day Notes:

"With temperatures "topping out at 90+ degrees ... sweat and contacts flowed"

"The club's generators ran with only one shutdown due to low oil"

"Reno made his Sunday morning omelets with juice and coffee"

5 Years Ago:

For possible Field Day Use: The Patch includes an article on construction and use of the "G1SLP Bridge Tuner", named for its claimed ability to load a bridge. Yes, a bridge, a structure that spans a river, stream or canyon.

LCARA Historian

Scott, KO8O



DX Alert, July 2020

West Malaysia, 9M2. Members of the Malaysian Amateur Radio Transmitters are QRV with special call 9M2STAYHOME until August 11 to support and promote social distancing to encourage people to stay within their homes to slow the spread of COVID-19.

United Arab Emirates, A6. Special event station A60CH is QRV from Sharjah during the COVID-19 pandemic.

Aland Islands, OH0. Bosse, OH0BHU has been active on 6 meters using mostly SSB with some CW.

South Sudan, Z8. Diya, Z81D is monitoring for 6 meter FT4 stations. He is also active on 40 to 12 meters.

Vanuatu, YJ .40 Years ago on July 30 1980 Vanuatu, formerly known as New Hebrides, gained its Independence. In celebration of the 40th anniversary members, all three of them, from the Vanuatu Amateur Radio Society (VARS) will be operating special event callsign YJ40IND between July 1st and 30th. The license has been issued by TRBR one to each operator in their name. Activity will be in the operators spare time, mostly during their late afternoons and evenings (0600- 1000Z). A much bigger emphasis will be made during the weekends and on Independence Day, July 30th. They will most likely be on 40, 20 and 15 meters where propagation is expected

Svalbard, JW. Earlier last week Svalbard was opened back up and LA7QIA, Peter, has announced his plans to activate JW7QIA starting June 27th and lasting for at least 7 days. He will be QRV on both 50 and 70 MHz.

Bouvet Island, 3Y. The Rebel DX Group have released new information about their planned 3Y0I DXpedition to Bouvet Island.

DX (cont'd.)

Antarctica, CE9. - RI1ANM by RX3ABI, is on the HF bands from Mirny Station until early next year. So far he is on FT8 and SSTV on 40 and 20.

Balearic Islands, EA6 - EA6/DK5ON is planned for July 1- 11. He will be on 40-6M SSB, CW, RTTY, and FT4/8, from the Cap de Pera lighthouse.

Japan, JA. - Japan will have various callsigns representing IARU HQ in the IARU event.

They are:

8N1HQ, Minato, Tokyo, on 160 CW

8N1HQ, Hachioji, Tokyo, on 80 CW

8N8HQ, from Sapporo, Hokkaido, on 80 SSB

8N2HQ, from Higashiura, Aichi, on 40 SSB

8N1HQ from Hachioji, Tokyo, on 20 SSB

8N6HQ from Minamiaso, Kumamoto, on 15 CW

8N1HQ from Hachioji, Tokyo, on 15 SSB

8N1HQ from Haga, Tochigi, on 10 CW.

There will be a QSL through the JARL QSL bureau for every QSO.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX



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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.

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 July 2020



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, July 21st** 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 **July 8th** @ 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 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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Events Contact Info.

Event	Contact	Location	Date
ARES Net	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	Ed KB8BKE	Tri-Point Medical	Wed. 7/8 1900
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Library	Sat. 8/1 12:00 (maybe)

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.

More Area Nets

More local area nets are listed at the www.lcara.org site.

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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
Serving Lake County since 1978

July 2020

LCARA CALENDAR OF EVENTS



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