Volume 43, Issue 1 January 2021



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

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JANUARY 6TH MEETING (Zoom)

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

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Message from the President

Greetings fellow travelers,

This historic, unbelievably tragic year is finally and mercifully ending. Hopefully, you have managed to retain your sanity, or at least enough of it to get thru the next one. A feature of this quirky hobby we cherish is that we have something we like to do, a place to go and find respite of a sort within a community of similarly minded souls to ask questions, share achievements and commiserate about the cares of the day. In a sense, amateur radio was the pioneer of virtual meetings. We have been getting together remotely for decades. Now, with online club meetings and a variety of various types of local nets, ham radio can still be engaging and help make this "new normal" somewhat tolerable. So, as we look to better days ahead, let me say to everyone thank you for your continuing support of LCARA and hope to see you all someday soon. Here's to a Happy, safe and all around much improved New Year!

Be well and take care of yourselves

'73 -Ed

Meeting Minutes for December

Board Members Present:

KB8BKE – Ed Kopcak, President W8DMP – Donna Wheeler, Secretary W8PJW – Paul Wheeler, Treasurer N8JKO – Joe Koskovics, Director at Large

Attendees:

Ed - KB8BKE Donna – W8DMP Paul – W8PJW Joe - N8JKO Rick - W8QL Ron – KC8BTN Mike – WB8ZGH Ron - NU8N Cal - W8BZP Jim – AA8OY Bob – K8BL Bob – K8QXO Neal - NF1X Bob - W2THU Tom - KD8SJG Bob – N8KBX Tom – N8UAZ Paul – KE8PP Jeff - WA8SAJ Mike - KD8JUF

Jim - WB8SIG

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:31 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- President Ed (KB8BKE) mentioned:
 - The speaker for tonight's evening will be Paul Wheeler (W8PJW). Paul will be presenting the 2021 Budget.
 - Speaker for the January LCARA Membership Meeting will be Matt Nickoson (KC8NZJ), District Emergency Coordinator, Ohio ARES District 10.
 - Ed (KB8BKE) reminded the group that LCARA 2021 Membership Dues are due January 1st through March 15th. He plans to email reminders to members.
- Treasurer Paul (W8PJW) presented:
 - Presented the 2021 Budget and the 2020 Actuals. A motion was made to accept the budget.
 The motion was accepted by all members in attendance.
- Additions and/or Corrections to the Patch There are no additions/corrections to the Patch.
- Sunshine Donna (W8DMP) mentioned LCARA received a message from Cal (W8BZP) that Norm Kelbley (N8FPX) passed away on November 14, 2020. Norm enjoyed amateur radio hamfests and fox hunts. Cal mentioned that Norm was a member some time ago. He lived in

Phoenix, Arizona with his wife Janet. Our deepest sympathies and condolences go out to Norm's family.

- Secretary Donna (W8DMP) mentioned she created/submitted LCARA Membership Meeting Minutes and LCARA Board Meeting Minutes for the month of November. Business as usual.
- Director at Large Joe (N8JKO) mentioned:
 - He is still working on presenters for 2021 LCARA Membership Meetings. Several members suggested the names of possible presenters for future meetings. Jeff Covelli (WA8SAJ) offered to do a presentation for the group on transfer switches. Bob (K8BL) mentioned Tony Emanuele (K8ZR) offered to do a presentation to the club.
- Repeaters Ed (KB8BKE) mentioned the repeaters are up and operational. Feel free to use them. They are not 100% at this time, but they are working.
- DX Opportunities Jim (AA8OY) commented there were several DX opportunities:
 - We were in the early stages of Solar Cycle 25. Recently the solar flux has risen from the high 60s to 110+ and the sunspot number has risen from 0 to 60-70. This is the highest either has been for several years. DX opportunities should continue to improve.
 - CE9 Antarctica RX6A, Alexey, has an assignment in Antarctica with the callsign RI01ANT.
 First will be RX6A/MM aboard ship on the way, December 7-25. Then he will be at the base December 25 to May 30. He is expected to operate CW and FT8, mostly on 40 meters.
 - YI Iraq YI9/IU5HWS Giorgio, has been on the air. He has finally gotten his official license and a new callsign, YI9WS He has been on 80, 40, 17 and 15M SSB, 0815-0930Z.
 - AP Pakistan CW ops have been reporting AP2SD on 7019 (0217Z), AP2FLY on 7022 (2156Z) and 18072 (1149Z).
 - JD1/M
 Minami Torishima –Take-san, was back on the air as JG8NQJ/JD1 He has been showing up just after 0800Z. 7.002 and 10.102 MHz are good starting points.
 - Mentioned he recently worked a CW contest and did well due to increasing propagation characteristics.
 - Updated the group on Field Day. Complimented LCARA on a great effort on our part. The club came in at 103rd.
- Public Service Mike (WB8ZGH) mentioned that there is not a lot going on public service-wise.
 The Northern Ohio Marathon event took place in November. Unfortunately, a tree came down on
 a couple of pick-up trucks on Lake Shore Blvd. which impeded the flow of the runners for the
 Marathon. The group had to reroute around it. One of the drivers lost his life. No other public
 service events are scheduled at this time.

- Lake County History Center Bob (K8QXO) mentioned that he made contact with the Lake County History Center. There is no problem with LCARA holding VE sessions on Saturday at noon. The location will be slightly changed. Testing will be done in Heritage Hall.
- Nets
 - Joe (N8JKO) asked if the group wanted to cancel the Monday night ARES net for the last two Monday's of the month of December due to the holiday. The group decided not to cancel. Ed (KB8BKE) offered to run the ARES net on both days. All are welcome.
 - Ed (KB8BKE) assumed alternate net control operator duties for the Thursday night 2-meter net (including the ARRL Audio News). Tune in if you can.
 - Mike (WB8ZGH) mentioned the Wednesday night 10-meter roundtable is going well. Invited everyone to check in.

Meeting adjourned at 8:49 p.m.

Donna Wheeler – W8DMP



Sunshine Report By Donna, W8DMP

Nothing to report.

BACKSCATTER

- **113 Years Ago:** A wireless message is sent long-distance for the first time from the Eiffel Tower in Paris. Now, that's an antenna!
- **93 Years Ago:** Three television sets were installed by GE/RCA in homes in Schenectady. Inventor E.F.W. Alexanderson demonstrated the first home television receiver delivering a picture 1.5 inches square. The picture, with 48 lines at 16 frames per second, was transmitted over 2XAF on 37.8 meters and the sound was transmitted over WGY radio station. The sets were in the homes of Alexanderson and two GE board members. Several months later, on May 28, 1928 the first television station WGY began broadcasting regular programs on Tuesday, Thursday, and Friday afternoons from 1:30 to 3:30 pm, using 24 lines.
- **65 Years Ago:** The first TV weather forecast was broadcast. George Cowling of the Meteorological Office broadcast from BBC's Lime Grove studios with two hand-drawn weather charts pinned to an easel. There is no record as to the accuracy of the forecast.
- **40 Years Ago:** You us want to move WHAT? Our landlord is making improvements on his roof, and wants to put an addition and new equipment where LCARA's tower is. Hence, our tower will be dismantled, and go back up 12' north of it's present location. Although the repeater will be down briefly, the new location is an advantage from a guy wire standpoint as the tower will be closer to the center of it's guy anchors.
- **35 Years Ago:** The FCC lifts Rule 97.26(h), eliminating the waiting period for a candidate to retake a failed exam element. The previous waiting period was 30 days.

The Electronic Communications Privacy Act of 1985 is pending in Congress. The bill would amend Title 18 of the US Code with respect to unlawful interception of wire and wireless communication, authorizing stiff penalties. Protected transmissions include "signs, signals, writing, images, sounds, data or intelligence of any nature ... by a wire, radio electromagnetic or photoelectric system."

DXCC awards are being processed with a five to six month delay.

Packet is earthquake proof. With most of Mexico City's phone system disconnected from the world due to shifting of "Madre Bell's" uplink antennas, packet is one of the best methods of relaying messages. Traffic coordinator, N1DFK states "this method requires minimal operator time, uses alternatives to otherwise busy traffic channels, is error free, fast, and it works."

The following nerd test is included in The Patch:

Do you own a plastic pocket protector?

Does it have a company name on it?

Do you wear your job ID badge even when not at work?

Do your trouser legs break at the ankle or higher?

Do you prefer to eat with your hands?

Do you eat with a baseball cap on?

Do you have more than 10 baseball caps?

30 Years Ago: It is rumored that postal rates will go up in February.

The Federal Court of Appeals denies the ARRL's petition for review of the FCC order to give 220-222 MHz to land mobile. They state "they could not make any determination that the FCC did not arrive at a reasoned decision about the best way to advance the public convenience, interest or necessity."

20 Years Ago: The cost of IRC's goes from \$1.05 to \$1.75

ARRL Field Day results shows LCARA as 2nd in our class, and 16th in the country of about 2000 participating stations.

Bruce, W8GN reports that tower work at the Mentor-on-the-Lake site is done. Paperwork for the Thompson site has been submitted, with work expected to be completed by the end of January.

15 Years Ago: Hamfest chairman Dick Wilson, WD8DW reminded everyone that the January club meeting would be the BFSM (bend, fold, spindle and mutilate) meeting, and that XYL's, YL's and kids were welcome.

5 Years Ago: RF Concepts sells Ten-Tec and Alpha Amplifier to RKR Designs of Longmont Colorado.

The Dutch IARU member society VERON, is notified of 465 QSL cards found in the wreckage of Malaysian Airlines flight MH17, shot down over Ukraine the prior year. Bound for VERON's QSL bureau, they can reclaim the cards after they are "cleaned", at a cost of \$27,000 US. At \$58 per card, that's a lot of IRC's

LCARA Historian Scott, KO8O



DX Alert, JANUARY 2021

V2 – Antigua and Barbuda - WW6RG, Randy, will be arriving in St. Johns, Antigua on January 3rd. He plans to begin operating holiday style as V25RA around 0000Z on January 4th operating until 1400Z.

VQ9 – Chagos Islands - WW6RG, Randy, is hoping to go to Diego Garcia operating as VQ9RA, possibly around January 18th.

ZD8 – Ascension Island - TA1HZ, Tevfik will be on Ascension Island,AF-003, for the duration of 2021. He estimates to be up and running by mid January. Look for ZD8HZ, Tevfik, on SSB and FT8 on 80 through 10 meters.

EP - Iran -

EP2HAM, Arash, is a new ham in Gisha, a neighborhood on the western side of Tehran. He operates on HF SSB and digital modes.

DP0 – Antarctica - DL5XL, Felix will be there by mid-January and going to mid-March. He expects to be QRV as DP1POL. He or other ops may also use the DP0GVN callsign. YL Theresa, is one of the ops overwintering, using DP0GVN on the QO100 satellite.

UA – Antarctica - RI01ANT, operator RX6A, Alexei, will be at Progress Station and Vostok Station, December 25 to May 30, operating mostly CW and FT8 on 40M and up.

JD1 – Ogasawara - Harry, JG7PSJ is QRV as JD1BMH from Chichijima, IOTA AS-031, and plans to be here until January 9, 2021 unless plans change. Activity is on 40 to 10 meters using CW, SSB and RTTY.

KL7 – Alaska - Jim, KL7KK is QRV from Bethel and is generally active on 80 meters using SSB around 1500 to 1600z and then from 1700 to 1900z, daily.

SP – Poland - Members of team SP2PBM are QRV with special event callsign HF2021HNY until January 10, 2021.

Z8 – South Sudan - Diya, YI1DZ is QRV as Z81D from Juba. Activity is on 80 to 10 meters, and possibly 160 meters, using SSB and FT8.

Happy hunting!

Jim, AA8OY
Thanks to ARRL DX and Weekly DX



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 <u>W8SGT</u> at w8sqtohio@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 TESTS

HAM EXAMS somewhere IN LAKE COUNTY EVERY OTHER MONTH

The Lake County Amateur Radio Association will be holding its 2021 Amateur Radio license exams, usually at the Kirtland Library, 9267 Chillicothe Road, on the following dates:

Saturday, February 6 * Saturday, August 7
Saturday, April 3 * Saturday, October 2
Saturday, June 5 Saturday, December 4

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). They 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 DUE TO COVID, AN ALTERNATE SITE WILL LIKELY BE USED FOR SOME OF THESE DATES. tentatively the Lake County Historical Society, 415 Riverside Drive, Painesville This is on the northeast corner of Riverside and Route 84, just west of Riverside High School.

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 <u>original</u> 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. To confirm the location, or if you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com



Breakfast Date for January 2021





Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday**, **January 19th** 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 **January 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.

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	\$475.00
antenna tuner, all of the filters, like new condition, will demo	
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.

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	Zoom	Wed. 12/9 1900
VE Testing	Scott, KO8O, at 440-256- 0320	Lake County Historical Society	Sat. 2/6 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.

More Area Nets

More local area nets are listed at the <u>www.lcara.org</u> site.

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 ad vocation, 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) THE SERVING THE OLD THE SERVING THE OLD THE SERVING THE OLD THE SERVING THE SE

Web site: www.lcara.org

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The Lake County Amateur RADIO ASSOCIATION Serving Lake County since 1978