

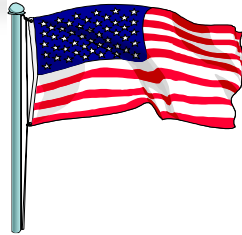


The LCARA Patch

10 METER ROUNDTABLE

WEDNESDAY NIGHT @ 2030 HRS

28.450 MHz



LCARA TWO METER NET

THURSDAY EVENING @ 1900 HRS

LCARA WEBSITE

LCARA.ORG

The *PATCH*

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

The Patch Staff

Editor: Melody Leasko, KB8QIB

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Ed Kopcak	KB8BKE	President
		Vice-President
Rick White	W8QL	Secretary
Ed Kopcak	KB8BKE	Treasurer
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Web Master LCARA	Bill Wihebrink	N8IJG



NO APRIL MEETING

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

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A Message from the President

Greetings fellow travelers,

As we muddle through this crisis, it is vital to keep in mind that it will pass. Thoughtfulness of others, patience and common sense have always been important but are especially needed now.

I'm sure you are all aware that our meetings and public service events are on hold. A current listing of our planned events can be found on our website. A decision will be made about May's membership meeting later in April, but it will likely be cancelled as well.

In that regard, I am looking into possibly doing a virtual meeting on Zoom. Some of you may be familiar with if not already using this platform. It would necessitate loading the app onto your computer or mobile device. If it appears enough folks are interested, I will move ahead and instructions and invitations would be sent to the group. Please let myself or a Board member know. E-mail any of us directly or leave a comment via our website's "Contact Us" form.

The repeater is still currently offline but the hope is to get it operational this first week of April. When back in service, an announcement will be sent out to the group. Until then the club and ARES nets are continuing on the 147.255 repeater. Your continued patience is appreciated.

Let's be safe out there.

Take care and be well,

"73
Ed

Meeting Minutes for March

Board Members Present:

- KB8BKE – Ed – President
- W8QL – Rick - Secretary
- N8JKO – Joe – Representative at Large

Meeting Minutes:

- Meeting began at 7:30 PM with no introductions.
- There were 27 members present.
- Ed – KB8BKE – introduced Larry – WB8PHI to begin his presentation on “Antennas”. He provided an excellent in-depth discussion on basic antenna theory as it applied to simple dipoles. He talked about length of elements for this type of antenna and many different feedline systems and the relevance of impedance for the entire antenna system. He noted the importance of sinusoidal waves for both voltage and current waves and how they affect SWR in a dipole. He then finished up with mention of other more unique antennas. His major point in the discussion centered around the need for hams to just look at the basic principles of designing and building an antenna system. Build antennas, try them out, and maybe come up with a new radical design.
- Ed – KB8BKE led us in the Pledge of Allegiance.
- A minute of Silence was offered over the recent passing (SK) of Larry K8PLC and Reno WT8C. They will both be deeply missed.
- The “Patch” has been published.
- Ed – KB8BKE noted the treasury was in good shape.
- Ed – KB8BKE mentioned the board meeting and how Joe – N8JKO said the Boy Scout Merit Badge class would be held at some point at the LCHS.
- Bill – N8IJG reported the 147.21 repeater is down for controller upgrades. The 147.255 repeater is available for use during the .21 repairs for nets and general use. The 444 repeater is down but the 220 is up.
- Jim- AA8OY commented there were many DX opportunities to work Reunion Island, Rwanda, Viet Nam, Zambia, Noumea, Turkey, and the Orkney Islands. Many DXpeditions were operating. Most had digital operations of RTTY and FT8. The ARRL World Wide SSB will be this coming weekend, March 7 and 8, 2020.

Meeting minutes cont'd.

- Jim – AA8OY stated that details for use of the LCHS property for Field Day 2020 will be forthcoming in the coming months.
- Mike-WB8ZGH noted there were no public service events until April 19, 2020. This event will be the 10 and 20 mile drop run from Chardon to Concord and on into Headlands Beach. The ARES conference will be held April 11, 2020. Sign up early as the conference looks very crowded for this year. He is also working on the Radio Room at the EOC. The Perry Nuclear Power evacuation plan will be August 12, 2020, for the trial and September 15, 2020, for the actual test.
- Bob – K8QXO noted there was going to be the Radio Merit Badge test at the LCHS on March 14, 2020.
- Joe – N8JKO commented there is nothing new on the ARES net. He also stated that there was no Echolink. Check in every Monday at 7:30 PM.
- Mike- WB8ZGH commented the Wednesday night 10 meter net is going good. Check in at 7:30 PM on 28.450 Mhz. You never know who might drop in to check in!!
- Ed– KB8BKE reported there will be no sunshine report.
- Ed – KB8BKE called for a round of introductions.
- Ed – KB8BKE told all that the next regular club meeting will be held at the Lake County Historical Society and for the rest of the spring, summer and into the fall.

Meeting adjourned 9:00 PM

Rick – W8QL



March Attendance

Ed – KB8BKE

Larry – WB8PHI

Melody – KB8QIB

Bill – N8IJG

Pete – W1BKZ

Sally – N1BCF

Tom - N8UAZ

Mike – WB8ZGH

Taylor

Carl – W8BZD

Kevin – KB8JUI

Rick – W8QL

Joe – N8JKO

Dale – KG6WGO

Brian – KE8NAG

Andy

Ron – NU8M

Bob – K8QXO

Brad – N8GLS

Lou – K8LAD

Ron – KC8BTN

Jim – AA8OY

Neal – NF1X

Jeff – KC8LAR

John – KB8YJY

Evan – W8LSQ

Bob – N8KBX



Sunshine Report
By Connie, KB8ZZW

Silent Key



Reno M. Tonsi



Reno M. Tonsi, WT8C, 83, of Mentor, died February 27, 2020 at his home. He was born February 10, 1937 in Bisbee, Arizona. Reno worked as an engineer and retired from Rockwell Automation. He was a member of the North Coast Contesters Amateur Radio Club, the Lake County Amateur Radio Association, and was a lifetime member of I.E.E.E. Pulp and Paper Society. Reno was an avid sports fan, a co-founder of the Gwinnett Soccer League in Gwinnett County, Georgia, and coached little league football and soccer. Reno was a loving husband, father, grandfather, great-grandfather, and friend who will be deeply missed by all who knew and loved him. Survivors include his wife of 45 years, Constance "Connie" Tonsi; children, Crissy Tonsi, Annette (Mahmood) Hai, MaryBeth (Daniel) Hannan, Michael (Angela) Lewis, and Richard Lewis; 17 grandchildren, and 11 great-grandchildren. He was preceded in death by his son, Daniel Tonsi; daughter, Gina Tonsi; granddaughter, Betsy Vargas; and his parents, Reno Tonsi and Annette Waltemath.

BACKSCATTER

269 Years Ago: Ebenezer Kinnersley lectures on "The Newly Discovered Electrical Fire. "Notice is hereby given to the Curious, that Wednesday next, Mr. Kinnersley proposes to begin a course of experiments on the newly discovered Electrical Fire, containing not only the most curious of those (discoveries) that have been made and published in Europe, but a considerable number of new ones ... to be accompanied with methodical Lectures on the nature and properties of that wonderful element."

64 Years Ago: A battery/solar-cell power radio was introduced by the Admiral Corporation. Using six transistors it needed so little electricity that six D cell batteries would give up to 1,000 hours of use. The \$60 radio was small, about 3 x 9 x 10 in. and weighed only 5.25 pounds. An optional \$185 solar "Sun Power Pak" was available to provide power from a silicon "solar cell element."

40 Years Ago: Canada gives US amateurs reciprocal privileges. When visiting VEland, US hams may use frequencies and modes allowed in their own country, if they are also permitted in the Canadian DoC regulations.

35 Years Ago: After six years, LCARA is thrown out of the Englewood Holiday Inn! Despite numerous calls and letters, Dan KA8MLA is notified the 20 rooms LCARA had reserved the prior April for the Dayton Hamvention weekend are no longer available. No apologies are given. We've never returned.

Heathkit introduces the HD-4040, the first commercially available TNC. Priced at only \$299.99, this includes several LEDs and an on-off switch. The only previously available TNC, from TAPR, has sold 2000 units.

30 Years Ago: The FCC issues PR Docket 90-55, proposing a no-code amateur license, to be known as the Communicator. Privileges would include all bands from 220 MHz up, and holders would be required to sign with their calls followed by /AC.

The Willoughby input is on the air. Located five stories above the ridge and overlooking Daniels Park to the south and the shoreway to the north, coverage appears promising.

Ray, W8FLX, back on HF after a number of years, runs into a Rhode Island ham on 20 CW. Surprised when the RI ham recognizes his call, Ray inquires if they have met before. The response; "Ray, you were my Elmer" brings back memories from 40 years earlier when Ray elmered a 15 year-old high school student, who now has had a lifetime hobby of amateur radio.

Backscatter cont'd.

25 Years Ago: In QRN ES QRM ES QSB de K8BL, Bob gives the trivia report of the day: The Hara arena, home of the Dayton Hamvention, received it's name from the two owners of the facility, Harold and Ralph Wampler.

Horace Funk, N8LID reports to the editor, Bruce Knocks, on his dx exploits. Included are "6 states worked 3 times, New jersey, New York, New Hampshire, New Freedom, New Calidonia and New York" and "3 states worked 2 times, Road Island, San Fran Cisco, and Myanmar." Horace suggests that "it wastes half a band only using one sideband. So I switch back and forth till I find the one that fits best between the other peoples." He also ponders the question "If the sun spot cycle is 11 years long why is it still a toll call to Parma?"

20 Years Ago: Jim, KF8VX wins the Auxiliary Drawing at our Hamfest. The prize is his choice of a 27 inch color TV, a Quail Hollow weekend (for 2), or \$250 cash. There is no record as to which prize was selected.

15 Years Ago: The FCC continues to develop a NPRM (Notice of Proposed Rule Making) regarding changes to the current Morse code requirement of 5 WPM. Thousands of comments have been filed, and it is expected to be the 2nd half of the year before any rule changes are implemented.

10 Years Ago: All LCARA repeaters are down as they move to TriPoint Hospital. 2 meter nets are temporarily held on the Lakeland repeater at 147.255(+).

LCARA Historian

Scott, KO8O



DX Alert, April 2020

PALAU, T8 - Japanese operators JH7IPR, JA6EGL and JA6KYU, will now operate from April 7-15.

BOLIVIA, CP. Operators R7AL, RK8A, RW9JZ and RZ3K will be QRV as CP6/home calls near Santa Cruz de la Sierra until April 6. Activity will be on 160 to 10 meters using CW, SSB and FT8 in DXpedition mode.

EGYPT, SU. Tom, DL2RMC is QRV as SU9TH. Activity is currently on 40, 20, 15 and 10 meters using CW, SSB and FT8.

Due to the corona virus outbreak, virtually all the DXpeditions have been cancelled. For this reason, there is little to report.

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

OHDEN Has Some Changes To Tell You About

(from Gary, NJ8BB & Eldon, W5UHQ)

Due to the continued long skip being experienced on 80 meters during the Ohio Digital Emergency Net (OHDEN) training sessions @2145 local time each Tuesday; OHDEN will temporarily go to **Sunday afternoons at 3:00 - 4:00PM.**

Training will remain on the prime frequency of 3584.5KHz USB +1500 Hz.

Tests show that this time has much better propagation throughout the state and should allow the best propagation currently possible on 80 meter band. We are currently having to use a North Carolina station for NCS relays later in the evening.

Anything beyond local ground wave and this long skip point have not been reliable during this time of year, time of day, and sunspot cycle for the past three years.

At the same time, W5UHQ is going to start an experimental Olivia / FT8 net on 1805.000 USB +1500 Hz during the normal time slot of 21:45 – 22:45 on Tuesdays.

The objective of the 160 meter net will be to perform signal reports and check for traffic quality circuits on 160 meters from county to county and county to SEOC. Hopefully we can get more stations active on this frequency and as many county control stations as possible to try out their capability. Tests thus far have been great from border to border. I currently have six different stations that have checked into that test frequency. There will be no change to our standard mission call up frequencies at this time. Using alternate times and frequencies is already in our SOP. The Ohio Technical Specialist team will be available to assist ECs in putting up at least a compromise antenna for that band.

These changes be in effect from Jan 15 until March 12 (start of daylight savings time). These changes should allow all members interested in improving the 160 meter readiness of this critical statewide connection under all conditions of solar impacted propagation.

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, April 4

Saturday, June 6

Saturday, August 1

Saturday, October 3

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 April 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 **April 8th** @ 7:00 p.m., in the Tri-Point Board room. **(See Ed's message)**

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.

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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. 4/8 1900
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Library	Sat. 4/4 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

April 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 Good Friday	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	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		