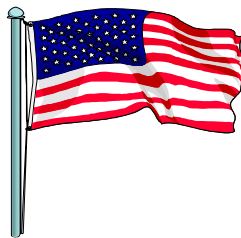


10 METER ROUNDTABLE
WEDNESDAY NIGHT @ 2030 HRS
28.450 MHZ.



LCARA TWO METER NET
THURSDAY EVENING @ 1900 HRS.

LCARA WEB SITE
www.lcara.org



The LCARA Patch

Volume 40, Issue 4

APRIL 2018

The PATCH

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P O Box 868
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The Patch Staff

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LCARA Officers

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Larry Caskey	K8LPC	Vice-President
Rick White	W8QL	Secretary
Ed Kopcak	KB8BKE	Treasurer
Joe Koskovics	N8JKO	Director at Large

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Contest	Reno Tonsi	WT8C
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Sunshine	Connie Tonsi	KB8ZZW
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Web Master LCARA	Bill Wihebrink	N8IJG



April's meeting is at the Lake County Historical Society

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

Meeting @ 7:30 pm on April 4th

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MINUTES FROM MARCH 7TH MEETING

Board Members Present:

- KB8BKE – Ed - President
- K8LPC – Larry - Vice President

- W8QL – Rick - Secretary
- N8JKO –Joe - Director at Large

Meeting Minutes:

- Ed – KB8BKE opened the regular club meeting at 7:30 PM with a round of introductions. There were 22 members present.
- There were no guests or new members present.
- The presentation this evening was a Video on Ham Radio provided by Dee Logan. This was a very good presentation and appeared it would appeal to persons interested in becoming Ham Radio operators.
- The treasury was noted to be in good shape.
- Jim AA8OY presented the upcoming months DX opportunities. Many great stations on the air but propagation conditions remain very poor.
- Mike – WB8ZGH noted there were no public service activities yet. April will bring the annual ARES meeting in Marion, Ohio. April 15, 2018 will be the date for the 10-20 mile Drop Run from Chardon to the Headlands Beach. The 10 meter net is going very good with many check-ins lately.
- Ed – KB8BKE noted the 220 MHz. repeater is down (and out). There appears to be substantial problems with the repeater that is very old. It is being checked out to see if it can be repaired and how much it would cost. It is used very little.
- Bob – K8QXO, No LCHS activities at this time.
- Connie – KB8ZZW had no Sunshine Report
- Ed - KB8BKE made a request for a motion to accept the present board as continuing officers for the 2018 year. The motion carried with the present board remaining in office.
- Ed – KB8BKE mentioned he was still working on caps, shirts and possibly other items to have for sale to club members. Only one legitimate quote has been received to date. There will be a large set-up charge to make these items.
- The next regular meeting will be held at the Lake County Historical Society on April 4, 2018, at 7:30 PM.
- We have 38 paid members as of this date.

Meeting adjourned 8:15 PM

Rick – W8QL

MARCH ATTENDANCE

Ed, KB8BKE, Larry, K8LPC, Joe, N8JKO, Rick, W8QL, Bob, K8QXO, Bill, N8IJG, Neal, NF1X, Bill, W8BBL, Donna, W8DMP, Paul, W8PPW, Mike, WB8ZGH, Ron, KC8BTN, Jeff, KC8LAR, Sally, N1BCF, Cal, W8BZP, Tom, KD8SJG, Jack, N8WCQ, Evan, W8LSQ, Bob, K8BL, Reno, WT8C, Connie, KB8ZZW, Andy.

From the Corner Office of the VICE PRESIDENT, LARRY K8LPC

Greetings Everyone ☺

April has arrived and hopefully Mother Nature will be bringing us some warmer WX soon. I can't wait until the snow melts and gives me the chance to give the boiler a much needed rest. This was certainly a cold winter. The April meeting will bring us back to our summer home at the Lake County Historical Society, where we will continue to meet each month until this fall. This month we'll give it another try to present our "2017 Ham of the Year" award.

April will also usher in the beginning of our Public Service events. On April 15th we'll have the Lake Health Systems 10 / 20 Mile Drop Run. I'm sure that Mike WB8ZGH will have more information for all of us and of course, the all-important signup sheet. This is a fun event that starts in Chardon, goes into Concord where we pick up the 10 milers and then continues to Fairport Harbor.

Our 220 repeater is out of service, and I apologize for any inconvenience. It has yet to be determined if the unit will be repaired/ replaced or taken out of service, more info to follow ASAP.

Our weekly nets continue, on Monday, we have the Lake County ARES Net at 7PM, on Thursday we have the LCARA Weekly Net also at 7PM. These Nets are on our 147.21 repeater which requires a PL tone of 110.9. On Wednesday we have our 10 meter roundtable on 28.450 at 8:30 PM. Please take some time to visit us on any or all of our Nets, we will be glad to have you.

Our next VE testing session will be on Saturday April 7th at 12 noon at the Kirtland Library. We do entry level testing and also upgrades. Please arrive a little early so you can fill out the required paperwork before the exam begins.

The next LCARA Board meeting will be at the Tri-Point Facility on Wednesday April 11th in the Board room at 7PM.

Our April breakfast gathering will be on Tuesday April 17th at the Perkins in Painesville. Come join us about 8 AM for good food and fellowship.

We are always looking for Guest speakers or ideas for presentations. Please contact Joe N8JKO or myself if you have any ideas.

I'm looking forward to seeing everyone at the Lake County Historical Society on Wednesday April 4th at 7:30 PM, bring a friend ☺

73 de Larry Caskey K8LPC

LCARA Vice President

K8LPC@ARRL.NET



APRIL Backscatter 2018

129 Years Ago: Charles M. Hall, born in Thompson Township, Ohio, patents an inexpensive electrolytic process to extract aluminum from its ore. Although aluminum is the most abundant metal in the earth's crust, it is not found naturally in pure form, and thus it must be separated from its surrounding ore.

40 Years Ago: LCARA is born!! More news next month.

Velcro is invented. Developed by Swiss engineer Georges de Mestral, who noticed how thistle burrs clung to his clothing during a hike in the mountains. Using a microscope, he discovered their natural hook-like shape, and worked with a local weaver to design a "locking tape". An important co-discovery was accidental - that nylon, when sewn under ultraviolet light, formed nearly indestructible hooks. The trademarked name Velcro comes from "vel" or velvet and "cro" from the French word crochet which means hook.

35 Years Ago: The FCC approves use of a new HF mode effective late January. AMTOR, similar to RTTY, verifies message content accuracy, permitting communication with much lower signal levels.

LCARA has rooms available at the Dayton Hamvention for \$42.56.

30 Years Ago: Special Event station N200BC is a success. Operating from 7 pm on February 26th, through 6:59 pm on March 4th, over 3000 QSOs are made. Surprisingly, HF contacts above 40 meters were 90% DX.

25 Years Ago: Bob, K8BL speculates on the "sky is falling" mentality that is pressuring the FCC to limit or ban RF emissions within a certain range of population centers. They'd never really do something that crazy, would they?

20 Years Ago: Like the buzzards returning to Hinckley or the swallows to San Juan Capistrano, the annual rite of spring known as the Lake County Hamfest brought amateur radio operators from Ohio, PA and NY back to Madison on March 22nd, for the 20th time. Despite cold WX and 1-2 inches of snow, over 100 bargain hunters were lined up at the door waiting for the Hamfest to open.

15 Years Ago: Grant Hedrick, N0XIL takes over as Patch editor, asking members to "keep your eyes peeled for new(s), additions and improvements."

10 Years Ago: The communications trailer is ordered.

The 2 Meter repeater's transmit antenna dies. After 20+ years of loyal service, it is temporarily replaced by a Diamond F23A until the main antenna on top of the 60' tower can be replaced in warmer weather.

5 Years Ago: The March meeting is held at the EOC.

LCARA turns 35. Happy Birthday to us!!

LCARA Historian

Scott KO8O



DX ALERT APRIL 2018

T2 - Tuvalu -The dates are "tentatively" set for April 8- 15. In his spare time, Tony, 3D2AR, will be QRV as T2AR. While there he plans to be active on HF, including 160, 60, 6 and 2 Meters on SSB, CW, RTTY, JT65 and FT8.

KG4 - Guantanamo KG4WH, Wade, will operate when he has some free time, mostly during the weekdays between 1700-2000 UTC. The KG4WH station is an Icom 7000, 100 watts, to a Carolina Windom for 160 and 80 oriented NE/SW, a Force 12 Tribander for 20, 15 and 10, and a Mosley beam for 17 and 12. Another antenna is a vertical for 80-10. Wade operates on SSB.

JD1/m - Minami Torishima JG8NQJ/JD1/m, Take, may set up an antenna for 17 and 15M through April 11.

3B8 - Mauritius - DL6UAA, Mart, will again be active, this time until April 11. He will spend most of his on-air time on CW and digital modes, 40-10 meters.

6W – Senegal - IV3FSG, Elvira, who is currently QRV as 6W/IV3FSG is expected to remain there until April 10th.

ET – Ethiopia - Regular Ethiopia visitor K4ZW, Ken, says ET3AA successfully fired up on FT8. He notes that DXers should be patient with them as they're just learning how to do it.

T8 - Palau - JH7IPR, Ichy, is planning to activate T88UW from April 13-19. Due to "heavy noise" he will be mostly on FT8. If conditions warrant he will try CW, SSB and PSK.

T8 - Palau - JI6IHG and JA7WFT will be operating as T88IH and T88FT respectively between April 17 and 25.

Z6 – Kosovo - EME ops DG8NCO and DL2NUD are planning to be QRV as Z66EME from April 21-30.

7Q – Malawi - Members of the EIDX Group will be QRV as 7Q7EI until April 2. Activity will be on 160 to 10 meters using CW, SSB and RTTY with four stations active.

XT – Burkina Faso - Max, DK1MAX is QRV as XT2MAX until April 2. Activity is on the HF bands and 6 meters using mostly CW and some FT8.

Happy hunting!

Jim, AA8OY

Thanks to Weekly DX and ARRL DX

Happy hunting!



SKYWARN TRAINING

Skywarn Training will take place at Lakeland Community College on Monday April 23, 2018. The location is room T-129 at 18:30. Please be there prior to class to register. Look forward to seeing many of you there in April.

VE TESTING IN LAKE COUNTY

Exams are held every other month.



The Lake County Amateur Radio Association will be holding its **2018** Amateur Radio license exams at **the Kirtland Library**, 9267 Chillicothe Road, on the following dates:

Saturday, April 7

Saturday, August 4

Saturday, June 2

Saturday, October 6

Saturday, December 1



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 at www.arrl.org/files/file/ncvec605-3.pdf

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



TORNADO AWARENESS CLASS

The Cuyahoga County Office of Emergency Management is hosting a Tornado Awareness class.
Thursday, April 26, 2018

9:00 am to 5:00 pm
American Red Cross

3747 Euclid Avenue
Cleveland, Ohio 44115

If Interested, Register at: <http://ja.cuyahogacounty.us/en-US/042618-tornado-awareness.aspx>

You can also contact Ron Corban KC8BTN for additional information at: kc8btn@amertech.net

Breakfast Date For APRIL 2018



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, April 17th** at 8:00 a.m. Breakfast orders start being taken at 8:30 am. This group averages 10-15 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

The April Board meeting will be at the Tri-Point facility on April 11th @ 7pm, in the Tri-Point Board room.

To find the Board room, simply continue walking 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

1. Heathkit DX-60A AM/CW Transmitter with HG-10 VFO, Asking \$150.00
2. MFJ 8268 Digital SWR/Wattmeter/Freq Readout, Asking \$140.00
3. Drake 2-B Receiver w/2-BQ Q Multiplier and Speaker, Asking \$350.00
4. Icom IC-756 Pro 3 Transceiver, Asking \$1300.00
5. Icom IC-820H 2/440 Base Dual Band Transceiver All Mode, Asking \$600.00
6. Icom IC-275H 2 meter All Mode Transceiver, Asking \$600.00
7. Swan 350C w/117XC PS, Asking \$300.00

Mark Your CALENDAR



<i>Event</i>	<i>Contact</i>	<i>Location</i>	<i>Date</i>
ARES	WB8ZGH mgoffos@ymail.com	147.210 MHz	MONDAYS 19:00
Two Meter Net	Bill N8IJG n8ijg@arrl.net	147.210 MHz	THURSDAYS 19:00
Ten Meter Roundtable	WB8ZGH mgoffos@ymail.com	28.450 MHz	WEDNESDAYS 20:30
LCARA Meeting	Larry K8LPC@arrl.net	LCHS	4/4 19:30
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Public Library	4/7/ 12:00
LCARA Board Meeting	Larry K8LPC@arrl.net	TriPoint Medical	4/11 19:00
Lake Health 10/20 Mile Drop Run	WB8ZGH mgoffos@ymail.com	Chardon/Headlands	4/15 06:30
Breakfast	lcara.org	Painesville Perkins	Tuesday 4/17 08:00
Skywarn Training	Lcara.org	Lakeland T-129	4/23 18:30

LCARA NET INFORMATION

LAKE COUNTY ARES NET

The Net is Every Monday at 7:00pm 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 station's 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 p.m. 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 p.m. 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.



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 is held on Tuesdays at 8:00pm (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'S 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.

The PATCH, Published by the Lake County Amateur Radio Association

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

