

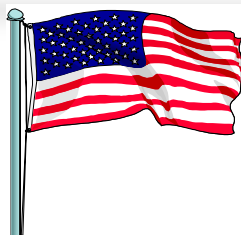


## The LCARA Patch

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

### LCARA Officers

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

### Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
Contest	Reno Tonsi	WT8C
DX	Jim Pyle	AA8OY
Field Day Chairperson	Jim Pyle	AA8OY
Program Director	Joe Koskovics	N8JKO
Historical Society	Bob Mekinda	K8QXO
History	Scott Farnham	KO8O
Publicity	Vance Roth	KA8YHZ
Communications	N8IJG, K8LPC &	W9LAC
Sunshine	Connie Tonsi	KB8ZZW
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG



### January's meeting is at Tri-Point Medical Center

Physicians Pavilion (Lower Level)  
7590 Auburn Rd., Concord, OH 44077  
<http://lakehistorycenter.org/>

Meeting @ 7:30 pm on January 2<sup>nd</sup>

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## Minutes from December 5, 2018 Meeting

Board Members Present:

- KB8BKE – Ed – President
- K8LPC – Larry - Vice President (acting Secretary)
- N8JKO - Director at Large

Meeting Minutes:

- The meeting was called to order at 7:30 PM by Ed KB8BKE. The meeting began with the Pledge of Allegiance a round of introductions.
- There were no additions or corrections to the Patch.
- There was no correspondence.
- Treasurer report: Ed KB8BKE gave a very detailed report on the 2018 / 2019 budget which was approved by the membership.
  1. The discussions included raising the Guest Speaker gratuity from \$15 to \$20 and increasing the maintenance budget the Communications Trailer citing that it may need a new battery and tires in the future.
  2. Ed noted that we should discuss raising the dues for next year.
  3. A "Tailgate" style Hamfest was discussed hoping to bring in revenue for the club.
- No board meeting report
- No ARRL report
- No new members at this meeting.
- Jim AA8OY gave a very detailed DX report, and noted that LCARA came in 7<sup>th</sup> overall in our Field Day class running 5A.
- No education report.
- Public Service Report: Mike – WB8ZGH Mike noted that there were no planned Public Service events until the spring of 2019 which may start with the 10 & 20 Mile Drop Run.
- Bob K8QXO stated that the Lake County Historical Society was very happy with our presence in the radio room during their "Home for the Holidays" event. Many of the LCARA participants mentioned that many visitors stopped by our radio room; Bob also noted that on Saturday we had a descendant of Samuel Morse stop by to visit.
- Communication Team: Bill N8IJG stated that the 2 meter receive antenna located at the Breckenridge remote site had been replaced by Ed KB8BKE, Larry K8LPC and himself and was operational again.
  1. Bill N8IJG noted that the LCARA webpage has been rebuilt again and is in service.
- 2 meter Net: Bill N8IJG stated that the net continues each Thursday at 7:30 PM on the 147.21 repeater.
- 2 meter ARES Net: Joe N8KO noted that he and Larry K8LPC have decided to change the time of the Monday evening ARES Net to 7:30 PM, citing scheduling difficulties for both Larry K8LPC and himself. The ARES Net is also on the 147.21 repeater, now at 7:30 PM every Monday.
- 10 meter Net: Mike WB8ZGH stated that net continues each Wednesday at 8:30 PM on 28.450.
- Sunshine Report: None
- Swap and Sell: None
- Old Business: None.

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### **Meeting Minutes cont'd.**

- New Business: None.
- There were 17 members present who included: Ed KB8BKE, Melody KB8QIB Larry WB8PHI, Larry K8LPC, Neal NF1X, Mike WB8ZGH, Bob K8QXO, Jim KF8VX, Cathy AB8GV, Joe N8JKO, Jim AA8OY, Bill W8BBL, Bob K8BL, Bill N8IJG, Jeff KC8LAR, Andy Fortier and Sally N1BCF.
- Announcements: Larry WB8PHI is scheduled to be the presenter for January; his topic will be on baluns.
- Larry K8LPC noted that we have 21 paid members to date.
- Joe N8JKO won the 50-50 raffle.
- Joe N8JKO made a generous donation to the Northern Ohio Repeater Management Association which was greatly appreciated.

Meeting adjourned at 8:40 PM

Larry K8LPC

### **December Attendance**

Ed KB8BKE, Melody KB8QIB Larry WB8PHI, Larry K8LPC, Neal NF1X, Mike WB8ZGH, Bob K8QXO, Jim KF8VX, Cathy AB8GV, Joe N8JKO, Jim AA8OY, Bill W8BBL, Bob K8BL, Bill N8IJG, Jeff KC8LAR, Andy Fortier and Sally N1BCF.

## From the corner office of the Vice President, Larry K8LPC

Greetings Everyone ☺

January has arrived; can you believe that it's 2019? I hope that everyone enjoyed the holidays and the above average temperatures.

There were no Public Service events in December, but they'll be here before you know it, probably starting with the 10 & 20 mile Drop Run. I'm sure that our EC Mike WB8ZGH will tell us more when he gets a better idea of the schedule.

We had 36 members and guests at our Christmas dinner which went very well. We'll start off 2019 with a presentation from Larry WB8PHI on baluns and we will be presenting our "Ham of the Year" award at our January meeting.

Our January meeting will be held at the Tri-Point Medical Center in one of the three meeting rooms on January 2<sup>nd</sup>. We will continue to meet there through March. I'll be collecting the 2019 dues, taking the meeting minutes and selling the 50-50 raffle tickets, so please bring me your money.

Our weekly nets continue, every Monday, The Lake County ARES Net time has changed to 7:30PM, so if you can, please join me on January 7<sup>th</sup> for the first Lake County ARES net of 2019. We have the LCARA Weekly Net on Thursdays at 7PM. These Nets are on our 147.21 repeater which requires a PI tone of 110.9. On Wednesdays 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.

The next LCARA Board meeting will be at the Tri-Point Facility on Wednesday January 9<sup>th</sup> in the Board room at 7PM.

Our next breakfast gathering will be on Tuesday January 15<sup>th</sup> at the Perkins in Painesville. Come join us about 8 AM for good food and fellowship.

I'm looking forward to seeing everyone at the Tri-Point Medical Center on Wednesday January 2<sup>nd</sup> at 7:30 PM, bring a friend ☺

***73 de Larry Caskey K8LPC***

***LCARA Vice President***

***K8LPC@ARRL.NET***



## BACKSCATTER

**2065 Years Ago:** Julian calendar year One. Created by Julius Caesar, it was based on a solar year of twelve months, a total of 365 days, with an extra day every fourth year. The previous Roman calendar had been behind by 67 days, making that 1<sup>st</sup> year an extraordinary 445 days long in order to synchronize with the equinoxes. Unfortunately, since the real solar year is slightly longer than the 365.25 day average, as centuries passed, the calendar was again out of step with the seasons. In 1582, Pope Gregory XIII issued a papal bull for the Gregorian Calendar reform, which skipped 10 days, and refined the leap year rule.

**107 Years Ago:** The first radio broadcast demonstration in the U.S. was given by Nathan B. Stubblefield in Fairmont Park NJ. He transmitted his voice to a receiver a mile distant, but kept the details of the invention secret until he was issued a patent. However, unable to obtain a buyer for his invention, he received little notice.

**73 Years Ago:** ENIAC is created by John Mauchly and J. Presper Eckert at the University of Pennsylvania. It is regarded as the first successful general digital computer, and weighed over 60,000 lb, containing more than 18,000 vacuum tubes. A staff of six technicians replaced about 2000 tubes each month. Many of ENIAC's first tasks were for the military, such as calculating ballistic firing tables and designing atomic weapons. Since it was initially not a stored program machine, it had to be reprogrammed for each task.

**47 Years Ago:** Coordinated Universal Time (UTC) was adopted worldwide. The abbreviation - UTC - was chosen as an international compromise between the initials of the English language form "coordinated universal time" and the French "temps universel coordonné." Leap seconds are added periodically, about once each 18 months, so time matches the Earth's rotation, which is slightly variable due to tidal forces with the Moon

**40 Years Ago:** No Code dead? The FCC votes "in the strongest possible manner" to retain the morse code requirement for all classes of amateur radio licenses. PRB chief Robert Foosaner and Chairman Mark Fowler state that code is very important, and in some cases essential for getting the message through.

Vic Clark, W4KFC, ARRL President, RIP.

**35 Years Ago:** STS 9, the first shuttle to carry an amateur, is now history. Owen Garriott, W5LFL, makes a number of hams happy with their first space QSO. Will he count as a new country on the basis of separation by vacuum?

The 3.5" floppy is born. ANSI selects the new standard over competing 3", 3.25" and 4" formats.

**30 Years Ago:** Ken, N8EIH, reports on DX conditions in Hawaii. While visiting KH6 land for his 10<sup>th</sup> anniversary celebration, XYL Deena allows limited 2m operation. Putting his call on the linked inter-island repeater, he receives the response "QRZ? This is K8NYZ on the island of Kuai, visiting from Mayfield Heights, Ohio.

**25 Years Ago:** RU ready? Major changes in the former Soviet Union have created new prefixes. Armenia, ex UG, is now EK. Azerbaijan, ex UD, is now 4J. Belarus, ex UC, is now EU-EW. Georgia, ex UF, is now 4L. Kazakh, ex UL, is now UN-UQ. Kirghiz, ex UM, is now EX. Moldavia, ex UO, is now ER. Russia doesn't change, but Turkoman, ex UN, is now EZ. Ukraine, ex UB, is now UR-UZ & EM-EO. Finally, Uzbek, ex UI, is now UJ-UM. Test follows later.

Happy Birthday! Cell phones are 10 years old, with more than one million customers, half of them in California.

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### Backscatter cont'd.

**20 Years Ago:** The ARRL files formal comments in response to the FCC's proposed streamlining of amateur radio rules. Included in the League's plan are elimination of Novice and Tech Plus license classes, with existing Novice and Tech Plus amateurs being upgraded to General. Code requirements would be reduced to two levels, 5 and 12 WPM, with the entry level remaining no-code.

**15 Years Ago:** Keeping up with the times, the International Telegraph Union in Geneva adds "@" to the morse code character set, using .-.-. (A and C run together).

Antenna Rules of Thumb, provided by Dee, W1HEO, include:

If it stays up, it wasn't high enough.

Temporary installations tend to become permanent.

Permanent installations never are.

Antenna efficiency is inversely proportional to ambient temperature  
at the time of installation.

The Patch profiles Dennis, AB8NI and Roofus.

**10 Years Ago:** Pictures of members at the December Club Dinner show three hams wearing very strange headgear.

**5 Years Ago:** The January Patch points out that January 8<sup>th</sup> is Tupelo, Mississippi born "singer, musician, and actor" Elvis Aaron Presley's birthday.

Billed as a mini-field day operation. PCARS, the Portage County Amateur Radio Service holds special events station FYAO, "Freeze Your Acorns Off"

First Class postage increases from 46 to 49 cents.

**LCARA Historian**

**Scott, KO8O**



## **DX Alert, January 2019**

**GHANA, 9G.** Matt, IZ4YGS is QRV as 9G5GS from Sanzule, West Takoradi. Activity is on various HF bands. His length of stay is unknown.

**QATAR, A7.** Matteau, IW1GBV is QRV as A75GP. He is active from various locations using QRP power.

**NEW CALEDONIA, FK.** Phil, F6OBD is QRV as FK/F6OBD until February 10, 2019. Activity is on the HF bands using only digital modes.

**THAILAND, HS.** Brad, VK2BY is QRV as HS0ZNR until January 18.

**ANTARCTICA.** Alex, RD1AV will be QRV as RI1ANV from Vostok Station, IOTA AN-016, from December 25 to mid February, 2019.

**BELIZE, V3.** Paul, VE3AXT is QRV as V31AX from Corozal through mid May 2019.

**MACQUARIE ISLAND, VK0.** Norbert, VK5MQ is QRV as VK0AI until March 2019. Activity is on the HF bands. Of late, he has been active on 40 and 20 meters using FT8 at various times.

**VANUATU, YJ.** Daniel, VK4AFU will be QRV as YJ0AFU from Iririki Island, IOTA OC-035, from January 1 to 19. Activity will be on the HF bands using mostly FT8 with some CW and SSB.

**SOUTH SUDAN, Z8.** Diya, YI1DZ is QRV as Z81D from Juba and is here for the next six months. Activity is in spare time on 80 to 10 meters using SSB and various digital modes.

Happy hunting!

Jim, AA8OY  
Thanks to ARRL DX and Weekly DX





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### VE Testing in Lake County

Exams are held every other month.

The Lake County Amateur Radio Association will be holding its **2019** Amateur Radio license exams at **the Kirtland Library**, 9267 Chillicothe Road, on the following dates:



Saturday, February 2

Saturday, April 6

Saturday, June 1

Saturday, August 3

Saturday, October 5

Saturday, December 7



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 CSEs 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](mailto:scottfarnham@roadrunner.com)



## Breakfast Date for January 2019



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, January 15<sup>th</sup>** 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

The December Board meeting will be at the Tri-Point facility on **January 9<sup>th</sup>** @ 7:00 p.m., in the Tri-Point Board room.

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)**

Heathkit DX-60A AM/CW Transmitter with HG-10 VFO	\$150.00
MFJ 8268 Digital SWR/Wattmeter/Freq Readout	\$140.00
Drake 2-B Receiver w/2-BQ Q Multiplier and Speaker	\$350.00
Icom IC-756 Pro 3 Transceiver	\$1300.00
Icom IC-820H 2/440 Base Dual Band Transceiver All Mode	\$600.00
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

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.

Equipment for sale from the Estate of W8GZI: Contact Al Ballard @alanballard@gmail.com

Kenwood TS440 Transceiver  
Arbitron ASL 80B Amp  
Miscellaneous items

## Events Contact Info.

Event	Contact	Location	Date
ARES	WB8ZGH <a href="mailto:mgoffos@ymail.com">mgoffos@ymail.com</a>	147.210 MHz	Mondays 1930
Two Meter Net	Bill N8IJG <a href="mailto:n8ijg@arrl.net">n8ijg@arrl.net</a>	147.210 MHz	Thursdays 1900
Ten Meter Roundtable	WB8ZGH <a href="mailto:mgoffos@ymail.com">mgoffos@ymail.com</a>	28.450 MHz	Wednesdays 2030
LCARA Board Meeting	Tri-Point Board Room	Tri-Point Medical	Wed. 1/9 1900
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Library	Sat. 2/2 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.

## 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](http://www.lcara.org)

To receive the Patch via email in PDF format Send an e-mail to [lcara\\_patch-subscribe@yahoogroups.com](mailto:lcara_patch-subscribe@yahoogroups.com)

***The Lake County Amateur RADIO ASSOCIATION***

## LCARA Calendar of Events

# January 2019

### LCARA CALENDAR OF EVENTS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 <b>New Year's Day</b>	2 <b>LCARA Meeting (Tri-Point) 7:30p</b> 10 Meter Round-Table 8:30p	3 LCARA Weekly Net 7:00p (147.21)	4	5
6	7 ARES Net 7:30p (147.21)	8	9 10 Meter Round-Table 8:30p	10 LCARA Weekly Net 7:00p (147.21)	11	12
13	14 ARES Net 7:30p (147.21)	15 Breakfast (Perkins) 8:00a	16 10 Meter Round-Table 8:30p	17 LCARA Weekly Net 7:00p (147.21)	18	19
20	21 ARES Net 7:30p (147.21)	22	23 10 Meter Round-Table 8:30p	24 LCARA Weekly Net 7:00p (147.21)	25	26
27	28 ARES Net 7:30p (147.21)	29	30 10 Meter Round-Table 8:30p	31 LCARA Weekly Net 7:00p (147.21)		