

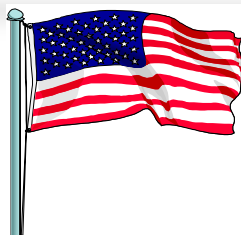


The LCARA Patch

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



February'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 March 6th

The *PATCH*, Published by the Lake County Amateur Radio Association

Table of Contents

Minutes from February 6, 2019 Meeting	3
Meeting Minutes:.....	3
Meeting minutes cont'd.....	4
February Attendance.....	4
From the corner office of the Vice President, Larry K8LPC.....	5
BACKSCATTER	6
Backscatter cont'd.....	7
DX Alert, March 2019	8
OH DEN Has Some Changes To Tell You About	9
VE Testing in Lake County	10
Breakfast Date for March 2019.....	11
LCARA Board Meeting.....	11
For Sale or Swap	11
Events Contact Info.	12
LCARA Net Information	12
Lake County ARES Net.....	12
Lake County Two Meter Net	12
Ten Meter Roundtable.....	12
Ohio Emergency Preparedness Nets, Columbus EOC	13
Ohio Digital Emergency Net.....	13
The Amateurs Code	13
LCARA CALENDAR OF EVENTS.....	14

Minutes from February 6, 2019 Meeting

Board Members Present:

- KB8BKE – Ed – President
- K8LPC – Larry - Vice President (and acting Secretary)

Meeting Minutes:

- The meeting was called to order at 7:26 PM by Ed – KB8BKE. The meeting began with the Pledge of Allegiance.
- A very detailed presentation was given by Aaron Hargis from the IT Department of Cuyahoga Community College. The membership enjoyed the presentation and had a lengthy Q & A session both during at the end of the presentation. The presentation ended at 8:18 PM and was followed by a short break.
- The monthly meeting began at 8:31 PM beginning with a round of introductions.
- There were no additions or corrections to the Patch.
- There was no correspondence.
- Treasurer report: Ed-KB8BKE stated that the Treasury is in good shape.
- No board meeting report
- No ARRL report
- No new members at this meeting, however, we do have a new member, Ray Suing N8EQT.
- There were three guests which included Mark Studer-KC8FQV and Chad Edgar along with his daughter Helaina, who are studying for their Technician Class License and hope to test at our April VE session.
- Jim – AA8OY gave a very detailed DX report.
- Education report, Ed-KB8BKE reported that we intend to hold the “Boy Scouts Merit Badge” class at the end of March noting that the date has yet to be finalized. Ed also reported that the CPR/AED class needs to be rescheduled and noted that the date also has not been finalized.
- 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 in April.
 1. Jim-AA8OY reported that the Cleveland Touring Club has asked for LCARA to participate in the “Sunday in June” cycling event again with LCARA acting as the “Communication Team”. Mike-WB8ZGH noted that it will be included on our Public Service calendar.
 2. Bob-K8QXO reported that the Lake County Historical Society has asked for LCARA to assist with their “Civil War” re-enactment in May and demonstrate a “Code” station as well as other duties. Mike-WB8ZGH noted that this also will be added to our Public Service calendar.

The *PATCH*, Published by the Lake County Amateur Radio Association

Meeting minutes cont'd.

- Bob-K8QXO stated that he had no further updates from the Lake County Historical Society.
- Communication Team: Larry-K8LPC stated that all of the repeaters and remote sites were in service and fully operational.
- 2 meter Net: Larry K8LPC stated that the LCARA Thursday net continues at 7:00 PM on the 147.21 repeater.
 1. 2 meter ARES Net: THE ARES net continues each Monday at 7:30 PM on the 147.21 repeater.
 2. 10 meter Net: Mike-WB8ZGH stated that 10 meter roundtable continues each Wednesday at 8:30 PM on 28.450.
- Sunshine Report: Ed KB8BKE circulated a get well card for Reno-WT8C who is ill. Jim AA8OY reported that Reno is doing much better. Ed-KB8BKE noted that Jeff Covelli WA8SAJ lost his father Al earlier this month.
- Swap and Sell: Evan-W8LSQ reported that he has equipment for sale including three HF radios and an amplifier. It was suggested that he submit the information to Melody-KB8QIB so that she may list the equipment in our newsletter. Jim-AA8OY offered several computer cables to the group at no charge.
- Old Business: None.
- New Business: ED-KB8BKE reported that many members were having difficulties accessing the "Yahoo Groups" internet site that LCARA has been using for group emails etc. Ed noted that he was looking into "Groups IO", the discussion will continue.
- There were 18 members and three guests present who included: Ed-KB8BKE, Larry-K8LPC, Mike-WB8ZGH, Sally-N1BCF, Pete-W1BKZ, Melody-KB8QIB, Larry-WB8PHI, Donna W8DMP, Paul-W8PJW, Bob-W8QXO, Don-WA8TWM, Jeff-KG8IU, Jeff-KC8LAR, Tom-KD8SJG, Jim-AA8OY, Neal-NF1X, Bill-W8BBL, Andy Fortier, Mark-KC8FQV and Chad and Helaina Edgar.
- Larry-K8LPC noted that we have 42 paid members to date.
- Andy Fortier won the 50-50 raffle.

Meeting adjourned at 8:50 PM

Larry – K8LPC

February Attendance

Ed-KB8BKE, Larry-K8LPC, Mike-WB8ZGH, Sally-N1BCF, Pete-W1BKZ, Melody-KB8QIB, Larry-WB8PHI, Donna W8DMP, Paul-W8PJW, Bob-W8QXO, Don-WA8TWM, Jeff-KG8IU, Jeff-KC8LAR, Tom-KD8SJG, Jim-AA8OY, Neal-NF1X, Bill-W8BBL, Andy Fortier, Mark-KC8FQV and Chad and Helaina Edgar.

The *PATCH*, Published by the Lake County Amateur Radio Association

From the corner office of the Vice President, Larry K8LPC

Greetings Everyone ☺

It's been a long winter, but March has arrived bringing us closer to springtime and Public Service events.

There were no Public Service events in February, but they will be starting up before you know it. I'm sure that Mike WB8ZGH will be giving us an update soon.

Our March meeting will be held at the Tri-Point Medical Center in one of the three meeting rooms on March 6th. Please note that this will be our last scheduled meeting at the Tri-Point facility until this fall. Beginning in April, we will be returning to the Lake County Historical Society and continue to have our monthly meetings there until this fall.

This month our speaker will be none other than our "Ham of the Year" Joe N8JKO. He will be giving us a presentation on "How to Survive Hamcation", which he and several other members have attended the last few years.

If anyone has equipment that they would like to sell / swap or give away, please send me an e-mail. I will get the information to Melody KB8QIB so she may add it to our newsletter, let's help to stimulate the economy or at least make some room in our radio rooms. The same applies to "Wants", if you are looking for some gear, please let me know. Posting in our newsletter brings the information to a large audience. We also have "Elmers" or people willing to assist you in your questions on various things. Please feel free to ask either Ed KB8BKE or myself and we'll do our best to get you into contact with someone.

Our weekly nets continue, every Monday, we have the Lake County ARES Net time at 7:30PM; 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.

Our next VE session will be on April 6th at the Kirtland Public Library beginning at noon. Please arrive a few minutes to get your paperwork in order before the testing session begins.

The next LCARA Board meeting will be at the Tri-Point Facility on Wednesday March 13th in the Board room at 7PM.

Our next breakfast gathering will be on Tuesday March 19th 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 March 6th at 7:30 PM, bring a friend ☺

73 de Larry Caskey K8LPC

LCARA Vice President

K8LPC@ARRL.NET



BACKSCATTER

69 Years Ago: Silly Putty is introduced by Peter Hodgson, a marketing consultant, who packaged one-ounce portions of the rubber-like material in plastic eggs. It could be stretched, rolled into a bouncing ball, or used to transfer colored ink from newsprint. It was originally discovered in 1943 by James Wright at General Electric Laboratories by combining silicone oil and boric acid. He had been researching methods of making synthetic rubber, and since it had no commercial application, he passed it around as a curiosity. However, Hodgson realized its potential for entertainment and coined its name for marketing it as a toy, making him a millionaire. Since 1950, more than 300 million eggs of Silly Putty, approximately 4,500 tons have been sold.

49 Years Ago: Direct-dial transatlantic telephone service is offered for calls between the US and Britain by the collaboration of AT&T and the British Post Office. The new service was the first major intercontinental dialing system, using Intelsat III satellites, handling 1,200 telephone circuits per satellite. Five of these 322-lb satellites had been put in service in synchronous orbits over the Atlantic, Pacific and Indian Oceans in 1968-70.

40 Years Ago: The ARRL petitions the FCC to allow Novices full privileges on 220-225 MHz.

The FCC reports there are 14.3 million CB licenses, up 16% over the previous year. Amateurs number 357 thousand, up 8%

The first Lake County Hamfest is planned for April 1st, at the Lake County Armory. Tickets are only \$2. Perhaps due to the date, the Hamfest logo is an electric fish.

35 Years Ago: After considerable effort, LCARA achieves the coveted 501.c.3 tax status. Not only does the club not pay taxes, but donations to the club are tax deductible, and LCARA qualifies for reduced mailing rates for newsletters and hamfest flyers.

Shirley, N8BGL reports rooms are available for the Dayton Hamfest, at the Holiday Inn Englewood for \$39 per night.

30 Years Ago: Bob Liddy, K8BL, reports on difficulties encountered in attempting to work a New One. Hot on the trail of VK9ZM, Mellish Reef, and running full power, the shack lights go out, the radios go dark, and even the keyer dies. Back on the air some minutes later, with the help of multiple extension cords, the frequency has become a zoo, with everyone else in the world working Mellish, except K8BL. The problem? A loose nut. Ask Bob for details.

25 Years Ago: Life gets more complex. Ma Bell announces it will soon be necessary to dial the area code on all long distance calls, even within one's own area code.

20 Years Ago: Morse code, RIP. Nearly 100 years after the first maritime distress call, when a lightship's crew saw the steamship Elbe run aground off the coast of Dover England, the International Maritime Organization replaces CW with the Global Maritime Distress and Safety System. This satellite based system is mandatory for all international freighters over 300 gross tons, all passenger vessels, and all self-propelled drilling units. Only coastal freighters, most fishing boats, and pleasure craft are exempt.

The ARRL considers, then rejects, the proposal to change its name to the American Amateur Radio League.

JY1, SK.

The *PATCH*, Published by the Lake County Amateur Radio Association

Backscatter cont'd.

15 Years Ago: The FCC unanimously approves a Notice of Proposed Rule Making (NPRM) to deploy Broadband over Power Lines (BPL). This is despite 5200 comments, the vast majority negative, elicited by an earlier Notice of Inquiry. FCC Chairman Michael Powell calls BPL “tremendously exciting,” although conceding that BPL has “a long way to go.” The battle continues ten years later.

10 Years Ago: LCARA member Sean O’Neil, KD8KDB is interviewed in “The Patch”. When asked about his dream ham shack, he replies “as for where this would be – I would settle for anywhere warm at the moment.”

5 Years Ago: The Patch reports that rumor has it that both Punxsutawney Phil and Buckeye Chuck have contracts out on them due to predictions of a longer winter.

LCARA Historian

Scott, KO8O



DX Alert, March 2019

E5 - South Cook Islands --DK2HM, Hans-Martin, updates us on his trip to Rarotonga. Listen for E51HMK from March 14-22 on 80 through 10 Meters running SSB, Digi and FT8.

HC8 - Galapagos Islands --WB2REM, Jim, reminds us he along with W2WCM and HC5DX will be active from Santa Cruz Island (SA-004) as HD8M until March 6. They will be operating on 160 through 10 Meters on SSB, CW and FT8 DXpedition mode. This will include "the first DXpedition to legally operate on 60 meters from the Galapagos" Islands.

E5 - South Cook and North Cook Islands --DM7PQ, Dagmar, announces he and DL1AUZ, Rainer, will be operating as E51NPQ and E51AUZ respectively during March and April. Plans are to stay on Rarotonga (OC-013), South Cooks from March 9-11 and April 2-11. They will also go to Aitutaki (OC-083), South Cooks from March 27-31. Listen for them on Manihiki (OC-014) in the North Cooks from March 13-25.

XV - Vietnam --XV9JK, operator SP5APW, Jacek, will be on Thu Island, AS-157, March 10-16, operating mostly SSB on 20 and 17. If propagation is poor he will go to FT8 on 40 and 30. It is possible he will be on from mainland Vietnam March 6-8.

5T - Mauritania --5T5PA by operator PA5X, Johannes, says he is back in Africa. He started up February 17 and goes for six months. He is on SSB, RTTY and FT8.

E6 - Niue --E6ET by 5B4ALX, Alex, will be on Niue, OC-040, March 18-April 2, operating on SSB, CW, RTTY and FT8, 160, 60, 40, 30, 20, 17, 15, 10 and 6 - no mention of 80.

• **C5 - The Gambia** - C56DF is scheduled for March. G3XTT, Don, says he now has the license to operate March 5-12. This will be CW only, low power.

GJ - Jersey Island - M0CFW will operate in the Russian DX Contest, March 16-17, as MJ5Z. He will be QRV before or after as MJ0CFW.

6W - Senegal -- Willy, ON4AVT is QRV as 6W7/ON4AVT from Warang until March 30. Activity is on the HF bands, including 60 meters, using CW, PSK, and possibly FT8.

DU - Philippines -- Christian, F4EBK is QRV as DU3/F4EBK from Luzon Island, IOTA OC-042, until March 31. Activity is on 20, 15 and 10 meters using SSB.

FK - New Caledonia -- Arnaud, JG1XMV will be QRV as FK/JG1XMV from Grand Terre Island, IOTA OC-032, until March 10. This also includes a visit to Mare Island, IOTA OC-033, and a few other islands as well. Activity will be on 40, 20, 17 and 15 meters using only SSB.

HP - Panama -- Special event station H31A is QRV until August 15 in celebration of the 500th anniversary of the founding of Panama City. Activity is on 80 to 10 meters using mostly RTTY, PSK31 and FT8 with some SSB.

T32 - East Kiribati -- Ken, KH6QJ will be QRV as T32AZ from Kirimati Island, IOTA OC-024, until March 5. Activity will be on the HF bands.

V3 - Belize -- Will, AA4NC is QRV as V31NC from Placencia until March 13. Activity is holiday style on 80 to 6 meters using CW, SSB, RTTY and possibly FT8.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX



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.

The *PATCH*, Published by the Lake County Amateur Radio Association

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



Breakfast Date for March 2019

/



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, March 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

The December Board meeting will be at the Tri-Point facility on **March 13th** @ 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)

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

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.

The *PATCH*, Published by the Lake County Amateur Radio Association

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. 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

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

March 2019

LCARA CALENDAR OF EVENTS



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