

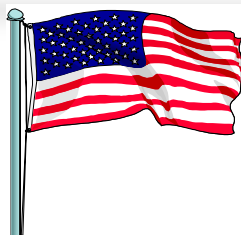


The LCARA Patch

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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Larry Caskey	K8LPC	Vice-President
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October's meeting is at the Lake County Historical Society

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

Meeting @ 7:30 pm October 2nd

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Greetings fellow travelers,

A few items for everyone's consideration,

The speaker for the October 2nd meeting will be Reno Tonsi, WT8C, who will be sharing some of his vast experience in setting up a contest station at your QTH. As a club Elmer, his insight should be of interest to those of you considering such an undertaking. If you have a suggestion for a presenter, topic, or would like to give a talk yourself, please feel free to let us know.

Starting with November and running thru March, monthly meetings will again be held at Tri-Point Hospital's Physician Pavillion.

I would like to thank all those who gave of their time to help with events this month:

9/7 Ohio State Parks-on-the-Air

9/14 Willoughby Hills Touch-a-Truck, and concurrently
Constitution Day at LCHS

9/27 Staging the Riverside HS Homecoming Parade at LCHS and

9/28 The Great Northeastern Clambake at LCHS

A well-deserved Thank You goes out to AA8OY, Andy Fortier, K8LPC, N8JKO, N8UAZ and WB8PHI. There will be a little something extra in your pay envelopes.

Speaking of public service, we are also still in need of operators for the N E Ohio Marathon on Sunday, October 6th. If you would like to help, it would be greatly appreciated. Contact Mike Goffos, WB8ZGH, for more information.

Our radio room relocation to Rm. 109 from Rm. 111 is progressing. The "Train Room" display has been removed. As we have additional space in the new room, planning is underway for the layout of the operating position(s) and Artifacts displays.

I would like to thank all of you for your continuing support and being a member of our little band of merry hams. Be well.

'73

Minutes from September 4th ,2019 Meeting

Board Members Present:

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

Meeting Minutes:

- The meeting was called to order at 7:30 PM by Ed – KB8BKE. The meeting began with the Pledge of Allegiance.
- The presentation this month was from Jeff Kopcak K8JTK, he is the ARRL Ohio Section Technical Coordinator. Jeff gave a fascination presentation, where he spoke in detail on his many duties as Technical Coordinator, RFI, Raspberry Pi. and digital modes. There was a Q & A secession after the presentation which ended at 8:26 PM.
- There was a short recess; the regular portion of the meeting began at 8:40 PM.
- The monthly meeting continued 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
- Two new members joined the club, Shiloh Linden (no-call) and Dale Kabacki KG6WGO.
 1. The roster has been updated.
- Jim – AA8OY gave a very detailed DX report.
- Public Service Report: Mike – WB8ZGH Mike promoted Ohio State Parks on the Air,
 1. Ed KB8BKE promoted Constitution day at the Historical Society as well as the “Touch a Truck event in Willoughby Hills.
 2. Bob W2THU spoke about working Light Houses on the air.
- Sunshine report: Connie KB8ZZN reported that “get well cards were sent to Bob K8QXO and Larry WB8PHI.
- Communication Team: Bill-N8IJG stated that all of the repeaters and remote sites were in service and fully operational as well as the website. Bill noted that the Tri-Point repeaters will be off occasionally for upgrades.
- 2 meter Net: Bill-N8IJG 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.
- Swap and Sell: None
- Old Business: None.
- Ed-KB8BKE stated that beginning in November, LCARA will be holding their monthly meetings at the Tri-Point Medical Facility and continue there through March.
- There were 26 members and guests at the meeting which included: Ed-KB8BKE, Bill-N8IJG, Larry-K8LPC, Larry WB8PHI, Melody KB8QIB, Tom N8UAZ, Jeff KC8LAR, Paul KE8PP, Mike WB8ZGH, Vance KA8YHZ, Bob W2THU, Don WA8TWM, Neal NF1X, Ron KC8BTN, Bob K8QXO, Bob N8KBX, Jim AA8OY, Cal W8BZP, Dale KG6WGO, Evan W8LSQ, Connie KB8ZZN, Reno WT8C, Sally N1BCF, Pete W1BKZ, Brian Stevens and our guest speaker Jeff K8JTK.
- Larry-K8LPC noted that we have 53 paid members to date.
- Evan-W8LSQ won the 50-50 raffle; Evan paid his 2020 dues with part of the winnings.
 1. The roster has been updated.
- Special thanks go out to Bob-W2THU who assisted me with the 50-50 raffle.

Meeting adjourned at 9:07 PM

Larry – K8LPC

September Attendance

Ed-KB8BKE, Bill-N8IJG, Larry-K8LPC, Larry-WB8PHI, Melody-KB8QIB, Tom-N8UAZ, Jeff-KC8LAR, Paul-KE8PP, Mike-WB8ZGH, Vance-KA8YHZ, Bob-W2THU, Don-WA8TWM, Neal-NF1X, Ron-KC8BTN, Bob-K8QXO, Bob-N8KBX, Jim-AA8OY, Cal-W8BZP, Dale-KG6WGO, Evan-W8LSQ, Connie-KB8ZZN, Reno-WT8C, Sally-N1BCF, Pete-W1BKZ, Brian Stevens and our guest speaker Jeff-K8JTK.



Sunshine Report

By Connie, KB8ZZW

A get-well card was sent to Bob Mekinda, K8QXO; and Larry Leasko, WB8PHI.

BACKSCATTER

135 Years Ago: Greenwich is adopted as the universal meridian. It was decided that all longitude would be calculated both east and west from this meridian up to 180 degrees. It was passed 22-1 with San Domingo voting against, and France & Brazil abstaining. Greenwich lies on the River Thames, a few miles from central London.

91 Years Ago: The newly created Federal Radio Commission assigns prefixes to amateur calls for the first time. Existing licensees, none of whom had prefixes, added "W" in front of their existing calls. New amateurs received "virgin" call signs from the FRC (one that had never been issued before). Once all combinations of two letter suffixes were used (X Y and Z were omitted), three letters were used beginning with AAA.

40 Years Ago: The World Administrative Radio Council (WARC) begins September 24th in Geneva, Switzerland. Hams hope for an allocation near 10 MHz, as well as elimination of short wave broadcasting on 40 meters.

The latest Tech/General call issued for the 8th area is N8BJK.

36 Years Ago: The last hand-cranked magneto telephone in the United States goes out of service. Previously a resident's number could be as short as 33.

35 Years Ago: Jack Bricker, KB8WC, becomes the first in the area to operate newly radioactive China, BY.

The ARRL becomes a VEC, joining W5YI, DeVries, and a number of other organizations in administering the new license program.

Newsletter editor Gary, KC8GN, reports "Blessed is he who expects no gratitude, for he shall not be disappointed".

30 Years Ago: The program at LCARA's October meeting is on the new mode of packet radio. This follows September's program on the use of the new DX cluster.

The FCC gives 220-222 MHz to UPS, and establishes "Line A" along the Canadian border, prohibiting transmissions in the 420-430 MHz band to protect Canadian commercial users.

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Backscatter cont'd.

25 Years Ago: Eric, KF8YK resigns as newsletter editor.

20 Years Ago: Newsletter Editor Tim, KQ8TC, discusses the September LCARA meeting, where “a lady from Mentor told a tale about a CBer neighbor that was worthy of the Jerry Springer ... show. The story involved sex, intimidation, wire taps, various conspiracies, and radio interference.”

15 Years Ago: A Quarter Century Quiz tests one's knowledge of ham radio in 1979:

1. In 1979 a Heathkit SB104A HF transceiver cost how much?
2. The Radio Amateur Callbook listed how many US hams?
3. The country deleted from DXCC in 1979 was _____?
4. The final tubes in Kenwood's TS-520S were _____?
5. Cushcraft's 3-band yagi was the _____?

Answers: 1. \$699.95 2. 370,000 3. Canal Zone 4. 5-2000A 5. ATB-34

10 Years Ago: The October LCARA program is Jeff Covelli, WA8SAJ on Radios of the Past.

The Red Cross is planning to sell their Painesville building, our meeting site.

LCARA Historian

Scott, KO8O



DX Alert, October 2019

UGANDA, 5X - Anton, ON6NL is QRV as 5X8C from Entebbe until October 7.

TONGA, A3 - Grant, VK5GR, Oly, VK5DXD and Andrew, VK5AKH will be QRV as A35JT from Tongatapu, IOTA OC-049, from September 22 to October 7. Activity will be on 80 to 10 meters using CW, SSB and various digital modes

ST. PIERRE AND MIQUELON, FP - Eric, KV1J will be QRV as FP/KV1J from Miquelon, IOTA NA-032, until October 8. Activity will be on 160 to 6 meters using primarily SSB, RTTY and FT8 with some CW. This includes some activity on the analog Satellites,

HONDURAS, HR - Operators W1UE, N2WQ, LZ5VV, SP4Z and VE3JI are QRV as home calls/HR9 from Roatan Island, IOTA NA-057, until October 7.

PAPUA NEW GUINEA, P2 - Tim, KD5SSF plans to be QRV as P29ZL from Ukarumpa and active until April 1, 2020. Activity is mainly on 40, 30 and 20 meters from 0800 to 1200z using SSB and FT8, and FSKCW.

SEYCHELLES, S7 - Lance -W7GJ is QRV as S79GJ from La Digue Island, IOTA AF-024, until October 5. This is a 6 meter EME DXpedition. When the Moon is not visible, he is active on 20 and 6 meters using SSB and some FT8.

CRETE, SV9 - Frank, PH2M is QRV as SV9/PH2M until October 3.

VIETNAM, 3W - JJ1DQR will be in Da Nang, call sign 3W9QR, October 23 to November 1. Yosuke plans to be QRV on 40-6, "mainly SSB" .

ECUADOR, HC -- For one year IZ1HGP, Joe, will be in Isidro Ayora and QRV as HC2PY starting from September 15.

DOMINICA, J7 - HB9MFM, Walter, is back on the Nature Island and plans to be here for the next six months. During the hurricane-season, until the end of November, he operates J79WTA with a small station .

TURKEY, TA - SA6PIS, Paul, plans to be on holiday in Alanya and operating as TA4/SA6PIS between October 10th and 17th.

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.

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 October 2019



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, October 15th** 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 LCARA Board meeting will be at the Tri-Point facility on **October 9th** @ 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.

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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.

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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. 9/11 1900
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Library	Sat. 10/5 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

LCARA 2019 Future Events

LCARA 2019			
DATE	EVENT	TIME	TRAILER
JUNE			
9	Sunday-in-June Bike-Ride Burton	0530—1600	Y
16	Lake Health Hill – Yeah! Half Marathon	0700—1400	Y
21	Field Day Set-up	1400—1800	N
22	Field Day	1400—0000	Y
23	Field Day	0000—1500	Y
JULY			
3	Mardi-Gras Parade	1500—2100	?
6	Civil War Era Music Garfield	0900—1600	Y
28	LCARA Picnic Lakeview Shelter Perry	1000—1500	
AUGUST			
25	National Park Service Anniversary Garfield	0900—1500	Y
SEPTEMBER			
7	OSPOTA	0800—1500	Y
14	Touch-a-Truck	0800—1500	Y
28	National Public Lands Garfield	0900—1500	Y
OCTOBER			
?	S.E.T. Exercise		
6	Lake Health Northern Ohio Marathon	0600—1600	Y
DECEMBER			
5	Home for the Holidays LCHS	0900—1600	N
6	Home for the Holidays LCHS	0900—1600	N
7	Home for the Holidays LCHS	0900—1600	N
8	Home for the Holidays LCHS	0900—1600	N



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Bob K8QXO would like to thank everyone for the get-well card.

Article from the past

Here is an article published in the October 1996 Patch written by Dee Logan, W1HEO

Those falling leaves: As LCARA DXers enter the October prime time season, they'll no doubt recognize that aside from the usual leaf-raking, pumpkin-carving, mum-water chores comes some mighty good DX conditions. Solar radiation is shared between northern and southern hemispheres, and opportunities to work some of the needed South American and South Atlantic countries will appear. We wish you more treats than tricks from the solar region, and may your fall bring you many contacts worthy of permanent enshrinement in your station log.

October 2019

LCARA CALENDAR OF EVENTS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 LCARA Club Meeting 7:30	3 LCARA Meeting Net 7:00 (147.21)	4	5 VE Testing (noon) Kirtland Library
6 Lake Health Northern Ohio Marathon 6-4	7 ARES NET 7:30 (147.21)	8	9 LCARA Board Meeting 7:00 (Tri-Point)	10 LCARA Meeting Net 7:00 (147.21)	11	12
13	14 ARES NET 7:30 (147.21)	15 Breakfast 8:00 (Perkins)	16 10 Meter Roundtable 8:30 (28.450)	17 LCARA Meeting Net 7:00 (147.21)	18	19
20	21 ARES NET 7:30 (147.21)	22	23 10 Meter Roundtable 8:30 (28.450)	24 LCARA Meeting Net 7:00 (147.21)	25	26
27	28 ARES NET 7:30 (147.21)	29	30 10 Meter Roundtable 8:30 (28.450)	31 LCARA Meeting Net 7:00 (147.21)		