

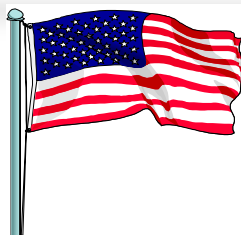


The LCARA Patch

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

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Web Master LCARA	Bill Wihebrink	N8IJG



NO JULY MEETING

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

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Minutes from June 5, 2019 Meeting

Board Members Present:

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

Meeting Minutes:

- Ed – KB8BKE opened the regular club meeting at 7:30 PM with the pledge of Allegiance and a round of introductions. There were 23 members present.
- No presentation this evening.
- There was no correspondence
- The treasury was noted to be in good shape.
- Jim – AA8OY gave the DX report noting many new great DX opportunities.
- Jim - AA8OY then gave an update talk on the upcoming Field Day event for 2019. We will set-up on Friday, June 21, 2019 beginning at 2:00 PM. Field Day activities will take place June 22 through June 23, 2019 for 24 hours beginning at 2:00 PM EDT (1800 UTC).
- Mike - WB8ZGH noted public service information about the ½ marathon out of the Farm Park on June 16, 2019. The next public service activity will be the Mardis Gras Parade at Fairport Harbor, July 3, 2019. Parade set up will be around 4:00 PM and the actual parade will be at 7:00 PM
- Bob – K8QXO noted that we may have a new opportunity to move and expand the Radio Room to another room next to the existing radio room. An coming Thursday meeting will decide if this can be done. The pancake breakfast is June 6, 2019. It would be nice to man the radio room during the breakfast.
- Bill – N8IJG noted that all repeaters, Echolink, and support systems are up and running. He also noted that the C4FM is available on the 147.255 repeater for digital repeating. Streaming on Youtube on just the first Thursday night net continues from his shack.
- Ed – KB8BKE noted THERE WILL BE NO MEETING ON JULY 3, 2019 BECAUSE OF THE MARDI GRAS PARADE. There will be a Civil War re-enactment at the J. A. Garfield house on July 6, 2019. The annual LCARA picnic will be held July 28, 2019 at the Lake Shore Reservation. While close to the Bluffs Park, it is not to be confused with the Lake Erie Bluffs park.
- Jim – KF8VX noted there were 4 persons that showed up for the VE examinations. 1 Amateur Extra, 1 General, and 2 Technician class licenses were awarded.
- Andy Fortner will cook for both the Field Day and Picnic events.
- Joe – N8JKO requested advice from any member on how to set-up and operate an FT-891.
- Ed – KB8BKE said a hardbound notebook has been placed in the radio room to provide a place to make comments on the station and note any problems that may exist.
- No Sunshine Report
- The 50/50 raffle was held with a cash award.
- A motion was made to adjourn and was unanimously accepted by all.

Meeting adjourned 9:10 PM

Rick – W8QL

June Attendance

Ed, KB8BKE; Melody, KB8QIB; Larry, WB8PHI; Bill, N8IJG; Tom N8UAZ; Paul, W8PJW; Donna, W8DMP;
Cal, W8BZP; Paul, KE8PP; Jim, AA8OY; Bob, K8BL; Rick, W8QL; Mike, WB8ZGH; Neal, NF1X; Sally, N1BCF;
Pete, W1BKZ; Linden, Guest; Joe, N8JKO; Tom, KD8SJR; Andy; Jeff, KC8LAR; Bob, K8QXO

From the corner office of the Vice President, Larry K8LPC

Greetings Everyone ☺

July has arrived and hopefully the monsoon season has left us. First let me say that there will not be a meeting in July. Many of us will be participating in the Fairport Harbor Mardi Gras event.

June is one of our busiest months. We started out with the Cleveland Touring Club "Sunday In June" cycling Event, followed by the Lake Health Systems "Hill Yeah" half marathon and finished up with Field Day, and what a weekend that was. Larry WB8PHI was instrumental in the set up and take down of two towers. Tom N8UAZ brought back a 2 meter solar station to our Field Day and also brought me some of the best jerky that I've ever had. Tom also sent out our Radiogram messages, and while our code warriors pounded brass, I was blessed to have my co-captain Neal NF1X for allowing me to be away from my 40 meter phone station to do my Safety Officer duties and show several VIP's around. Neal wasn't left alone though, many stopped by to operate including Sally N1BCF, Melody KB8QIB, Reno WT8C, Connie KB8ZZW and Doug N8FRJ and probably others. Andy Fortier was our grill master on Saturday and Rick W8QL on Sunday; and they did an outstanding job, even my buddy Joe KD8PFB even stopped by to visit. Ed KB8BKE stayed busy in our Communication trailer with many helpers. It looked like that FT 101 EE was doing a great job.

Now I know that the bands were somewhat less than perfect, and I'm sure that we all wished that we would have made more contacts, but let's look at the positive side. We had great weather, no one got hurt, and we had several great meals and enjoyed the camaraderie of some of the nicest people that I know.

In just a few days we'll have Mardi Gras parade in Fairport Harbor on July 3rd, so I'd ask each of you to check your calendars and see if you have some time to share with us, please contact Mike WB8ZGH for more info and an assignment. Remember that our club picnic will be on July 28th at the Lake Metro Parks Lakeshore Reservation in Perry beginning at 10 AM.

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. If you sell anything, please let me know so that Melody can keep the list current.

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

Corner of the Vice President cont'd.

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, these are also posted on ARES Connect.

Our next VE session will be on August 3rd 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 July 10th in the Board room at 7PM.

Please remember that we will not be having a July meeting ☺

73 de Larry Caskey K8LPC

LCARA Vice President

K8LPC@ARRL.NET



BACKSCATTER

125 Years Ago: Politicians and electricity: Units for the measurement of electrical magnitudes were adopted into U.S. law by President Grover Cleveland “to define and establish the units of electrical measure” for the ohm, ampere, volt, coulomb, farad, joule, watt and henry. Extra credit given to anyone who knows the difference between a joule and a watt.

122 Years Ago: Guglielmo Marconi received a U.S. patent for a wireless telegraph (No. 586,193).

67 Years Ago: The first Dayton Hamvention, originally known as the Southwestern Ohio Ham-vention, is held in downtown Dayton, attracting 600 attendees. After peaking around 35,000 in 1994, recent attendance has been as high 29,296 in 2017.

40 Years Ago: LCARA’s 1st Field Day is history! Held at an abandoned farm in Thompson, the ambiance is perfect for an emergency preparedness test. There is a freshly burned barn, a ruined house, and an equipment shed open on one side, but crushed on the other. Despite temperatures dipping into the mid 40’s, 1010 Q’s are made.

The FCC adopts a Notice of Inquiry into implementation of a Personal Radio Service at 900 MHz.

35 Years Ago: Mentor proposes an antenna ordinance that would limit antenna height to as low as eight feet, with none allowed on the roof. Fortunately, a sharp eyed ham catches a small notice in the News Herald about the proposed zoning ordinance, and over 40 hams appear at the commission’s meeting. A new proposal is hammered out the following week, allowing antennas up to 60’, as long as they are at least 20’ from the property line.

Thanks to the Freedom on Information act, the FCC’s file on the Russian Woodpecker becomes public. “The signal (of this over-the-horizon radar) has a repetition rate of ten pulses per second. It’s bandwidth varies from 30 KHz to 500 KHz. Its activity does not appear to have any definite pattern. It may stay on a given band for only a few seconds, or it may remain constant for several hours ... It has been observed throughout the HF spectrum from 6 MHz to 28 MHz.” Several transmitters are identified, one near Minsk, a second on the east coast of Siberia, and a third one near the Mongolian border in Abalakovo.

Backscatter cont'd.

30 Years Ago: Dr. Deviation, otherwise known as Rusty, WA8HAR will be the program at the July meeting. He will have a spectrum analyzer and other equipment to measure the deviation and performance of any member's HT, and wx permitting, mobile rigs as well.

25 Years Ago: Rusty, WA8HAR resign as Radio Officer. Eric, KF8YK has agreed to take Rusty's place.

The Friday Ham Lunch moves to the Lithuanian House on East 185th Street. This is definite-LY an improvement from the previous Burger King venue.

The FCC announces they will auction off three ham bands. Hams lose allocations at 2390-2400 MHz, 2402-2417 MHz, and 4660-4685 MHz. Bob, K8BL points out we can be comforted by the knowledge the funds raised by the auction will be used wisely by our representatives in Washington.

20 Years Ago: While Riley Hollingsworth was addressing a forum at the Dayton Hamvention, two of his inspectors were doing a different job. Dressed as convention attendees, they were looking for violations of the various FCC rules, including power amps capable of operating on 11 meters. Three exhibitors were found with such amps, as well as two manufacturers displaying export-only amps without a disclaimer that the model was not for sale in the US. All were warned that future violations would result in a minimum \$7000 fine.

The Morse Code debate makes the front page of the Wall Street Journal. In an article by staff reporter Lee Gomes headlined "TO HAM OPERATORS, MORSE CODE TEST IS LIKE LATIN EXAM: Does It Keep the Barbarians At Bay, or Is It Fueling The Decline of a Culture?" the code versus no-code debate is discussed. "Morse Code is a dying language in the Digital Age, but it's still required reading for amateur radio buffs" Gomes' story begins. He cites Bruce Perens, K6BP of No Code International, who in Gomes words, considers Morse code "an antiquated technology" and "a turnoff for young people." "Perens is in the minority" Gomes asserts. "Most licensees don't want any change in the requirement – especially since they have already passed the test themselves." Perens points out that applicants still will have to pass "rigorous tests" to get a ticket, besides "the riffraff have no reason to leave the Internet." The article is silent on the issue of ITU regulations requiring Morse proficiency for HF operation, and at one point refers to Morse code as "dits and duhs."

Backscatter cont'd.

15 Years Ago: AMSAT Echo is launched from the Russian Baikonur Cosmodrome. Initial telemetry looks excellent.

10 Years Ago: The July meeting is held at Penitentiary Glen Park in Willoughby.

6 Years Ago: The world's last telegram was sent in India, the last major country to shut down telegram service. The 163-year-old service was no longer needed, as e-mail and texting had replaced bicycle telegram messengers. In Great Britain, telegram delivery ceased in 2008, while the U.S it was terminated in January of 2006.

LCARA Historian

Scott, KO8O



DX Alert, July 2019

SRI LANKA, 4S. Kamal, 4S7AB has been QRV using FT8 on 6 meters.

HONDURAS, HR. John, AD8J will be QRV as HR9/AD8J from Guanaja Island, IOTA NA-057, from June 22 to July 6. Activity will be holiday style on 80 to 10 meters using CW, SSB and FT8.

CANADA, VE. Special event station XN1M is QRV until July 21 to commemorate the 1969 Apollo 11 mission.

LAOS, XW. Bruce, 3W3B will be QRV as XW4XR from Vientiane from June 26 to July 7. Activity will be on 40 to 6 meters, including 60 meters, using CW, RTTY, JT65 and FT8.

KOSOVO Z6. Z32ZM, Mome, will go to Kosovo where he will be for the entire month of July and possibly into August, if 6 meter conditions are good for DX. He will be using his new Z68MA callsign

SABA, ST. EUSTATIUS, PJ5. Dave, W9DR will be QRV as PJ5/W9DR from Sint Eustatius from June 25 to July 2. Activity will be on 6 meters only using SSB.

SOUTH SUDAN, Z8. Diya, YI1DZ is QRV as Z81D and plans to be active from Juba after June 22. Activity will be in his spare time on 80 to 10 meters using SSB and various digital modes.

MOUNT ATHOS, SV/A. "Mount Athos will not go dark" as SV2RSG, Monk Iakovos, located at the Koutloumousiou Monastery is expected to be operating in the future from the 20th ranked Club Log DXCC

TUVALU, T2. 3D2AG, Tony, expects his next T2AR "mini-DXpedition" to be on the air from June 27 to July 6. Listen for him to be operating on CW, SSB, FT8 and RTTY on 1.8 through 28 MHz, including 60 meters.

SOUTH SUDAN, Z8. Z81D, Diya, now has antennas for 30 and 60 meters to operate on FT8 around 1930Z.

GEORGIA, 4L. 4L/DL7ZM will be on the air July 13-21, 6m CW, SSB and FT8,

FRENCH POLYNESIA, FO. FO/AI5P, Rick, goes holiday style July 22-29, primarily on 40-17 CW and FT8,

ISLE OF MAN, GD. - WJ2O, Dave, plans to be here and QRV as MD/WJ2O from July 11 to 17, including a high-power, mixed mode, all band effort in the IARU HF World Championship.

ARUBA, P4. Starting July 11th W2GD, John, will be back at his Aruba QTH operating as P44W until July 16th, including the IARU HF World Championship. Activity will be mostly on CW on 1.8 through 28 MHz.

AFGHANISTAN, T6. - S53R, Robert, will be on a two year assignment with the UN World Food Program. He plans and hopes to do spare-time operating on 160-6 CW, SSB and digital modes

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 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 July 2019



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, July 16th** 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 **July 10th** @ 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.

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

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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For Sale or Swap cont'd.

KA8VLA

MFG	Model	Device	QTY	Price
VHF Engineering	RPT-144	Repeater	1	
Wacom	WP-735-1	Duplexer	4	
Decibel Products	DB-4001	Duplexer	1	
Scom	7K	Controller	1	
Heathkit		Linear AMP	1	
		Receiver	1	
		Cabinet	1	

System is set up for 145.33

The system was up and functional until it was shut down, I can't remember when we shut it down, maybe ten years ago.

I would take \$1000 for the system as is, if we need to break down the components I would need to be contacted and discuss.

The controller has the autopatch function as well as voice.

I can be contacted via email pum1@roadrunner.com

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. 7/10 1900
VE Testing	Scott, KO8O, at 440-256-0320	Kirtland Library	Sat. 8/3 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

July 2019

LCARA CALENDAR OF EVENTS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 ARES NET 7:30 (147.21)	2	3 <i>Madi Gras</i> NO LCARA MEETING	4 LCARA Weekly Net 7:00 (147.21)	5	6
7	8 ARES NET 7:30 (147.21)	9	10 LCAR Board Meeting 7:00 (Tri-Point)	11 LCARA Weekly Net 7:00 (147.21)	12	13
14	15 ARES NET 7:30 (147.21)	16 Breakfast 8:00 (Perkins)	17 10 Meter Roundtable 8:30 (28.450)	18 LCARA Weekly Net 7:00 (147.21)	19	20
21	22 ARES NET 7:30 (147.21)	23	24 10 Meter Roundtable 8:30 (28.450)	25 LCARA Weekly Net 7:00 (147.21)	26	27
28 Club Picnic 10:00 am	29 ARES NET 7:30 (147.21)	30	31 10 Meter Roundtable 8:30 (28.450)			

LCARA CLUB PICNIC

Lake Metroparks Lakeshore Reservation

June 28th 10:00

Directions: Take Route 20 to Antioch Road in Perry. Drive north on Antioch Road into the park, then left or right to one of two parking areas.

