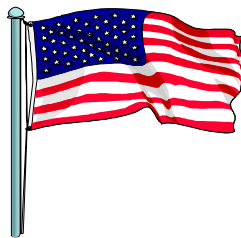


10 METER ROUNDTABLE
WEDNESDAY NIGHT @ 2030 HRS
28.450 MHZ.



LCARA TWO METER NET
THURSDAY EVENING @ 1900 HRS.

LCARA WEB SITE
www.lcara.org



The LCARA Patch

Volume 40, Issue 7

JULY 2018

The PATCH

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P O Box 868
Painesville, OH 44077-0868

The Patch Staff

Editor: Bob Mekinda K8QXO (Temp)

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



July's meeting at the Lake County Historical Society is CANCELLED
Next meeting is August 1st at the Historical Society

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

Meeting @ 7:30 pm on August 1st

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MINUTES FROM JUNE 6th MEETING

Board Members Present:

- KB8BKE – Ed - President
- K8LPC – Larry - Vice President
- W8QL – Rick - Secretary
- N8JKO –Joe - Director at Large

Meeting Minutes:

- **Ed – KB8BKE opened the regular club meeting at 7:35 PM with the Pledge of Allegiance and a round of introductions. There were 22 members present.**
- **There were no guests or new members present for the meeting.**

- Ed - KB8BKE noted the treasury was in good shape. There were no corrections to the Patch. Difficulty in retrieving the Patch was due to problems at Yahoo. There was no correspondence.
- Jim AA8OY presented the upcoming months DX opportunities. Propagation conditions for the bands continue to be challenging. He mentioned that due to the World Cup activities, there will be many new special event call signs. Bob – K8BL attested to the fact of how well FT8 works. In some cases there is an incredibly fast response for confirmation of contacts from LOTW.
- Jim - AA8OY then gave a final update talk on the upcoming Field Day event for 2018. We have station captains for our 5 regular stations this year. If all of the help shows up as promised, we should be in good shape. Don Kocsis – WA8TWM collected remaining monies for the Great Steak Dinner with all of the trimmings. The cost for the dinner is again \$16.00. Side dishes and appetizers are welcomed. Jim spent a good deal of time discussing the bonus point's situation. They really contribute a tremendous amount to our contest numbers bottom line. Jim pointed out again this is not a contest but a measure of our ability to work as many station as possible under simulated emergency conditions. Let's do this and have fun!!
- Joe- N8JKO made a request to use the club's Facebook account to post pictures and stories. This could also be used as extra points for Field Day.
- Mike – WB8ZGH noted the public service activity for June was is the (Cleveland Touring Club) CTC - Sunday in June bicycle ride. This event will be on June 10, 2018, and will start from Burton, Ohio. Mike will be looking for SAG's and radio operators for the course. We always need a few more good men for this event! The next public service event will be the Mardi Gras festival on July 4, 2018, at Fairport Harbor. It will be held earlier this year at 4:00 PM. He also noted the 10 meter net is doing well with a recent Missouri DX contact.
- Bob – K8QXO said that the presentation planned for the LCHS personnel did not happen due to no one showing up for the meeting. He commented the problem may lie with inadequate announcements. The LCHS appreciated the effort of support by LCARA for the Civil War Re-enactment festivities.
- Bill - N8IJG noted that the 2 meter and 70 centimeter repeaters are working well. The new 220 MHz BridgeCom repeater is on order. Bill was quite satisfied with discussions with BridgeCom about the new repeater and its operation. He is now awaiting delivery. The \$1100 for the purchase includes programming ability and shipping charges.
- Connie – KB8ZZW informed the members that a past member Joe Simonitis – KD8WLM passed away. Flowers were sent to the funeral home.
- New Business. Reno WT8C and Bob Liddy – K8BL brought up the continuing concern of lack of new members and the ability to recruit same. How do we grow the club? We need "Elmers". How do we get more active? A lengthy discussion occurred with comments from Sally - N1BCF, Joe – N8JKO, Don – WA8TWM, Bob – K8QXO, Bill – W8BBL, and Neal –NF1X.
- Due to the Mardi Gras festivities on Wednesday, July 4, 2018, there will be NO regular club meeting in July.
- Evan – W8LSQ brought in a "Show and Tell" item of a recreated single tube transmitter for 80 meters shown in a 1946 QST article.
- Ed – KB8BKE also noted that we are still trying to get a 2 meter antenna into the cupola at the LCHS.
- The 50/50 raffle was held with a cash award.

- A motion was made to adjourn and was unanimously accepted by all.

Meeting adjourned 9:05 PM

Rick – W8QL



JUNE ATTENDANCE

Ed, KB8BKE, Larry, K8LPC, Joe, N8JKO, Rick, W8QL, Bob, K8QXO, Mike, WB8ZGH, Bill, KD8HSI, Bill, N8IJG, Sally, N1BCF, Peter, N1BKZ, Neal, NF1X, Larry, KB8PHI, Don, WA8TWM, Reno, WT8C, Connie, KB8ZZW, Jim, AA8OY, Bob, K8BL, Bill, W8BBL, Tom, KD8SJG, Evan, W8LSQ, Alan, KE8JUK and Andy.

EDITORIAL AND RESIGNATION

From The Editor,

I took over as the Editor of the PATCH last July on a temporary basis until we could get a new Editor, unfortunately it is a year later and no one has come forward to take over the job. Things have changed for me and I must resign. I will be travelling in late July and early August so there will not be an August PATCH and based on not having a July meeting I felt this would not cause any problem. I will prepare the September PATCH and assist anyone who would like to take over as Editor in October.

I would like to note that I have served as an Officer of the club for 7 years and as Editor of the PATCH for 6 years and then this latest stint with the newsletter of another year. I am burned out. I will continue as liaison with the Historical Center as long as the Board wishes, but need a break from other jobs

Based on my situation, I would like to note that the current officers have been serving for 4 and 5 years and for the last 4 we have only had four officers when there should be five. The board needs five officers and I believe we need some fresh faces to step up and run for office this year. Some of the current officers may want to continue and that is great, but it would be nice if there was a choice.

The same situation is occurring with Field Day, Jim, AA8OY has continued to run it for more years than I know and it would be nice if someone would offer to assist or take it over and give him a break before he advises us that he is done. It would help if you could have his assistance to transition into the job.

Please everyone think about it before we have no officers or chairman of committees because that will only lead to the demise of a great club.

Tnx. & '73

Bob, K8QXO

Last Field Day Dinner Captain

For the past sixteen years my wife I have enjoyed planning and cooking the Field Day steak dinner on Saturday evening for the club members and their family and friends that chose to purchase the dinner. Each year I have been assisted by Reno WT8C with the cooking duties. In addition we cooked the burgers and hotdogs provided by LCARA to all Field Day participants. I feel the time has come to step down as the captain of this position. I will be glad to work with any club member that wants to become the dinner chef for the 2019 Field Day weekend.

Sincerely,

*Don Kocsis
WA8TWM*

From the Corner Office of the VICE PRESIDENT,

LARRY K8LPC

Greetings Everyone ☺

July us here, and along with it come the high temperatures. Please make sure to stay hydrated and keep cool whenever you can.

Let me start this month's column by saying that we won't be having our July meeting. We have a Public Service event (Mardi Gras in Fairport Harbor) that many of us will be working. Our next scheduled meeting will be August 1st at the Lake County Historical Society, please join us if you can.

Let's talk about Public Service events. We started this month with the CTC Sunday Bike Ride in June. The event was once again a success. We had a total of eight volunteers, some of who I had relocate from spot to spot. It was a long day, but at the end of it, Net Control had no reported accidents or injuries, only two riders that were too tired to complete the event and needed a ride back to Century Village. I'd like to thank our volunteers for coming out, your dedication helped to make my Net Control duties go very smoothly.

Field Day was June 23rd and 24th. Many put in long hours on Friday afternoon to start the set-up. We were able to run 5A this year and I'm looking for a favorable score. We had three Public Service Officials visit which included two County Commissioners and the Communications Director from the Lake County EOC. We had some rainy WX, but I believe that a good time was once again had by all.

Our next Public Service event is Mardi Gras on July 4th, we're looking for volunteers. If you can spend some time with us please contact Mike WB8ZGH or myself and we'll find a spot for you.

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

Our new 220 repeater is on the air. If you have a 220 radio please give it a try and let me know what you think, the repeater is on 224.500 and has a 1.6MHz negative offset and uses a PL tone of 141.3 Hz.

Our next VE testing session will be on Saturday August 4th at 12 noon at the Kirtland Library. We do entry level testing and also upgrades. Please arrive a little early so you can fill out the required paperwork before the exam begins.

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

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

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

I'm looking forward to seeing everyone at the Lake County Historical Society on Wednesday August 1st at 7:30 PM, bring a friend ☺

73 de Larry Caskey K8LPC

LCARA Vice President

K8LPC@ARRL.NET



JULY Backscatter 2018

190 Years Ago: The first U.S. hotel to install bathrooms was the Tremont House, Boston, Mass., for which the cornerstone was laid on July 4.

67 Years Ago: The invention of the junction transistor was announced by Dr. William Shockley in Murray Hill, N.J. This new type of transistor overcame the problems of the earlier point-contact transistor. A three-layer sandwich, the outer layers were semiconductors with too many electrons (known as N-type) and the inner layer was the opposite with too few (known as P-type). They weren't up to the point-contact transistor's ability to handle signals that fluctuated extremely rapidly, but in every other way they were superior. They were much more efficient, used very little power, and generated so much less electrical noise they could handle weaker signals than the type-A transistors ever could.

40 Years Ago: We're coordinated! Despite initial misgivings, the Ohio Area Repeater Council (OARC) approves our use of 147.81/.21

The ARRL approves of LCARA too. We become an affiliated club, and have remained one ever since, also becoming a Special Service Club years later.

LCARA provides communications for the News Herald's Johnnycake Jog.

35 Years Ago: The FCC drops the requirement for logging of all QSO's, including 3rd party traffic. Accordingly, the autopatch procedure is changed so it is no longer necessary to identify both parties at the end of a patch.

30 Years Ago: 1st readings are held for Arlene Patterson KB8DUC, and Jim Capps W8AEB.

25 Years Ago: A Florida ham is fined \$50,000, jailed for 60 days, and loses his license for sending false maydays. He could have been fined \$250,000.

N8ZZZ is issued. Future Tech & General calls will come from the Novice call block, starting with KB8P--

20 Years Ago: Microwave equipment is purchased to upgrade the .81/.21 links. The 430MHz links run full duplex at 7.5 watts. Yagis will be used to link the remote inputs with the Painesville site.

Barry Goldwater K7UGA, SK

15 Years Ago: Under protection of the Israeli army, Eitan 4Z5MK, operates from the Gaza Strip, part of Palestine, E4. But as it is not approved by Palestine, it doesn't count.

10 Years Ago: Ron KC8BTN, Vance KA8YHZ, and Bill N8IJG, set up three stations at the Mentor Public Library to demonstrate amateur radio for Kid's Day. By the end of the day 25 kids plus 8 parents had the experience of operating a radio station.

5 Years Ago: 144 years after Samuel F. B. Morse sent the first telegram in Washington DC, the final commercial telegram is sent from India.

President Bob, K8QXO states "I truly believe that no other club has a better Field Day and Field Day dinner than LCARA.



LCARA Historian

Scott KO8O

DX ALERT JULY 2018

YI – Iraq Soon E70A, Darko, will be in Baghdad and has been issued the call YI9DX.

KH1 – Baker and Howland Islands -. A large group of operators will be QRV as KH1/KH7Z from Baker Island, IOTA OC-089, until July 6. Activity will be on 160 to 6 meters using CW, SSB, RTTY, and FT8

V8 - Brunei - In celebration of the 50th anniversary of IARU Region III the Brunei Darussalam Amateur Radio Association (BDARA) will represent Brunei Darussalam starting today through October 31 with special event station V850IARU.

6W - Senegal - ON4AZP, Dominic, plans to be active as 6W/ON4AZP until July 5. He'll be mostly on 20 Meters SSB, but could also be on 40, 15 or 10 Meters.

BV - Taiwan - The Chinese Taipei Amateur Radio League (CTARL) will be operating special call BV18FIFA through July 15th to support the 2018 World Football Cup being held in Russia.

CP – Bolivia - EA5RM, Toni, plans to be back here working with Solidaridad Medica and Radio Amateurs Without Frontiers NGO until July 10. He plans to be QRV in his spare time as CP1XRM on SSB and Digital modes on 60 through Meters.

P2 - Papua New Guinea - ZL1BQD, Roly Runciman, says he is "on the move again!" July 1-26 he will be on the air, callsign P29RR, concentrating on FT8 on 80 and 160 with his KX3, with no more than 20 watts, to dipoles.

XE – Mexico - Representing Mexico will be special FIFA callsign 4A18FWC

8Q – Maldives - Daniel, SM0UDH will be QRV as 8Q7DT from June 24 to July 9. Activity will be holiday style on the HF bands using SSB, JT9, JT65 and FT8.

Happy hunting!

Jim, AA8OY

Thanks to ARRL DX and Weekly DX



VE TESTING IN LAKE COUNTY



Exams are held every other month.

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

Saturday, June 2

Saturday, August 4

Saturday, October 6

Saturday, December 1



This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.), and will be held at the Kirtland Library, 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station. The tests will start at **12 noon**. Please arrive a few minutes earlier.

To register, you will need the NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it at www.arrl.org/files/file/ncvec605-3.pdf

Be sure to bring **the original** and a **copy of both your license and any CSCEs you may have to the exam**. The cost is \$15.00, and if you wish to pay by check, it should be made out to the ARRL/VEC. Identification with your picture is also necessary, such as a driver's license. If you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com



Breakfast Date For JULY & AUGUST 2018



Mark your calendar the next two meetings of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, July 17th** and 8:00 a.m. Breakfast orders start being taken at 8:30 am. This group averages 10-15 people from all counties, and it provides a great opportunity to meet other Hams, sell and trade your spare equipment. This is not a club event. Please encourage any Hams or Non-Hams, to bring your significant other, or a friend, to breakfast. It is a fun gathering.

LCARA BOARD MEETING

The May Board meeting will be at the Tri-Point facility on June 13th @ 7pm, in the Tri-Point Board room.

To find the Board room, simply continue walking past the regular meeting rooms down the hallway. The Board room is located on the left from the main elevators.

All members are invited

FOR SALE OR SWAP

EQUIPMENT FOR SALE: BY BILL, N8IJG (CALL) 440-943-1703

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

Equipment for Sale from the Estate of W8GZI: Contact Al Ballard @ alandballard@gmail.com

1. Kenwood TS440 Transceiver
2. Arbitron ASL 80B Amp
3. Miscellaneous items

Event	Contact	Location	Date
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Mark Your CALENDAR



ARES	WB8ZGH mgoffos@ymail.com	147.210 MHz	MONDAYS 19:00
Two Meter Net	Bill N8IJG n8ijg@arrl.net	147.210 MHz	THURSDAYS 19:00
Ten Meter Roundtable	WB8ZGH mgoffos@ymail.com	28.450 MHz	WEDNESDAYS 20:30
Fairport Mardi Gras	WB8ZGH mgoffos@ymail.com	Fairport	7/4 13:00
LCARA Board Meeting	Tri-Point Board Room	Tri-Point Medical	7/11 19:00
Breakfast	lcara.org	Painesville Perkins	Tuesday 7/17 08:00
Civil War Encampment	Ed KB8BKE@gmail.com	James Garfield Home	7/21&22 11:00-16:00
LCARA Meeting	Larry k8lpc@arrl.net	LCHS	8/1 19:30
VE TESTING	Scott, KO8O, AT 440-256-0320	Kirtland Library	8/4 12:00
LCARA Board Meeting	Tri-Point Board Room	Tri-Point Medical	8/8 19:00
Breakfast	Lcara.org	Painesville Perkins	Tuesday 7/17 08:00

Civil War Encampment

LCARA will be establishing code tables by the Garfield Home for demonstrating code for people and allowing them to participate during the course of the day. We will also have the trailer at the site for people to see actual on the air CW contacts. Please advise Ed if you would like to assist during the two day encampment.

LCARA NET INFORMATION

LAKE COUNTY ARES NET

The Net is Every Monday at 7:00pm on the 147.210 repeater. This net is open to all licensed operators; you do not need to be a member. This net is provided for operators to verify the proper operation of their equipment and verify their station's capabilities in the event of an emergency. Here is your perfect chance to be Net Control or Alternate Net Control. Step forward, no experience is necessary, everyone will help you.

LAKE COUNTY TWO METER NET

The 2 Meter Net runs weekly. Come join your fellow hams on Thursday's at 7:00 p.m. on 147.210 MHz.

This is an informal net where the group can discuss any subject for the good of the group, great time to ask those questions, especially from the new operators. List your items related to ham radio that you want to sell or swap and any sunshine announcements to pass on.

N8IJG brings us the ARRL News when available. Bill is always looking for Alternate Net Control Operators. Please check in.

TEN METER ROUNDTABLE

The 10 Meter Roundtable meets on Wednesday's at 8:30 p.m. on 28.450 MHz.

This is an informal roundtable where the group can chat about anything that comes to mind and even correct some of the world's problems.

You don't need to be a LCARA member, just have at least a Tech ticket and some 10 meter gear.

The Roundtable is a good chance to meet old and maybe some new friends. This is a "Round Table" anyone can start it off on 10 meters. Any questions contact WB8ZGH.



OHIO EMERGENCY PREPAREDNESS NETS, COLUMBUS EOC



Ohio Emergency Preparedness Net, w8SGT, is on every Tuesday at 7:15 pm. Try 3.902 MHz, tune up and down the band and check in! Follow on Twitter (hashtag W8SGT) for frequency information on the 80 meter band.

Ohio Digital Emergency Net is held on Tuesdays at 8:00pm (0100 UTC).

OHDEN meets on 3585 KHz +/- USB. <http://ohden.org/>

This net is looking for all Ohio Counties to check-in. Learn as you go.

Modes: OLIVIA 8/500/PSK31 alternate, with MT63 1K for bulletins.

Frequency: 3585 KHz, 7072 KHz alternate.

MT63 2K on VHF/UHF with PSK as an alternate (Assigned locally)

THE AMATEURS'S CODE

By Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

CONSIDERATE..... *never knowingly operating in such a way as to lessen the pleasure of others.*

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