

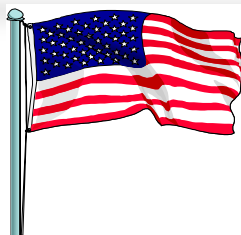


The LCARA Patch

10 METER ROUNDTABLE

WEDNESDAY NIGHT @ 2030 HRS

28.450 MHz



LCARA TWO METER NET

THURSDAY EVENING @ 1900 HRS

147.210 TL 110.9

LCARA WEBSITE

www.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
		Vice-President
Donna Wheeler	W8DMP	Secretary
Paul Wheeler	W8PJW	Treasurer
Joe Koskovic	N8JKO	Director at Large

Standing Committees

ARES/Public Service	Mike Goffos	WB8ZGH
Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA8OY
Field Day Chairperson	Jim Pyle	AA8OY
Program Director	Joe Koskovic	N8JKO
LCHS Liaison	Bob Mekinda	K8QXO
History	Scott Farnham	KO8O
Publicity	Vance Roth	KA8YHZ
Repeater	N8IJG & KB8BKE	
Sunshine	Donna Wheeler	W8DMP
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG



SEPTEMBER MEETING (Webex)

415 Riverside Drive

Painesville Township, Ohio 44077

<http://lakehistorycenter.org/>

Table of Contents

Meeting Minutes for August	3
Meeting Minutes: (cont'd.)	4
Meeting Minutes: (cont'd.)	5
Sunshine Report	6
BACKSCATTER	7
DX Alert, September 2020	8
OHEPN	9
OHDEN	9
VE TESTS stay at Metroparks for OCTOBER	10
Breakfast Date for September 2020	11
LCARA Board Meeting	11
For Sale or Swap	12
Events Contact Info.	13
LCARA Net Information	14
Lake County ARES Net.....	14
Lake County Two Meter Net	14
Ten Meter Roundtable	14
More Area Nets	14
Ohio Emergency Preparedness Nets, Columbus EOC	15
Ohio Digital Emergency Net.....	15
The Amateurs Code	15
LCARA CALENDAR OF EVENTS	16

Meeting Minutes for August

Board Members Present:

KB8BKE – Ed Kopcak, President
W8PJW – Paul Wheeler, Treasurer

W8DMP – Donna Wheeler, Secretary
N8JKO – Joe Koskovics, Director at Large

Attendees:

Ed – KB8BKE
Paul – W8PJW
Rick – W8QL
Mike – WB8ZGH
Jim – AA8OY
Bob – K8BL
Neal – NF1X
Dave – AD8G
Pat – N8ONI
Ron – NU8N

Donna – W8DMP
Joe – N8JKO
Bill – N8IJG
Ron – KC8BTN
Dale – KG6WGO
Bob – K8QXO
Bob - N8KBX
Brian – KE8OXB
Tom – N8UAZ

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- This meeting took place as an online membership meeting using the Cisco Webex platform.
- Ed (KB8BKE) welcomed the presenter for this meeting Dave (AD8G).
 - The presentation for this evening was titled “Raspberry Pi Demystified”. The Raspberry Pi is a tiny Linux computer. Topics Dave covered in greater detail included what a Raspberry Pi can do:
 - Just about anything a bigger Linux computer can do.
 - Digital Data Modes like Fldigi
 - Software-Defined Radio (with a \$20 RTLSDR dongle)
 - Digital Voice Hotspot (pi-star)
 - Retro Gaming Machine (with RetroPie)
 - APRS Digipeater/I-Gate (xastir, aprx)
 - Logging (cqrlog)
 - Antenna Rotator control

Dave’s presentation was very interesting and very informative. Several members had questions for him and asked for additional information. The group enjoyed his presentation and were grateful to Dave for sharing his knowledge and expertise with us.

- Additions and/or Corrections to the Patch – Great job. The group had no additions or corrections to the Patch.

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

Meeting Minutes: (cont'd.)

- Public Service – Mike (WB8ZGH) mentioned that the Lake Health Run Series Drop Run was canceled. It was originally cut down from 20 to 10 miles. Ed (KB8BKE) reminded the group that Ohio State Parks on the Air is scheduled for September 12th. LCARA will be operating as N8BC from Mentor Headlands State Park. Let Ed or Mike know if you'd like to operate. About half of parking lots are blocked off so the group may not meet in the usual parking spot.
- Repeaters – Bill (N8IJG) advised the group that LCARA repeaters are up and operational. Feel free to use them.
- Nets – Bill (N8IJG) mentioned that the Thursday night 2-meter net will take place and be available via Youtube on August 6th. Feel free to stop by.
- Sunshine – Donna (W8DMP) – There is nothing new to report.
- Secretary – Donna (W8DMP) – Submitted meeting minutes to Melody (KB8QIB) for inclusion in the Patch newsletter.
- DX Opportunities – Jim (AA8OY) commented there were several DX opportunities:
 - 5H – Tanzania 5H1FF - Frans, is on the air from Arusha, 40 meters and up, FT8 and PSK31.
 - GJ – Jersey - MJ/HB9GWJ is on holiday in St. Helier, on the island, July 30 to August 8. Op Olivier has 80 watts to an end fed antenna for HF and a grid antenna for satellite QO-100, covering 40-6M and SSB and FT8 modes.
 - HK – Colombia - Colombia's telecom has issued a special call to LCRA, the Colombia Amateur Radio League. The callsign is 5K87LR. This one is expected to be on "all bands and modes" the rest of this month.
 - HL – South Korea - To mark the 75th anniversary of Liberation Day, August 15, 1945 special event station HL75V will be QRV under the organization of the Korean Amateur Radio League (KARL) Chungbuk Headquarters. Activity will take place from the CheongJu-Si ChungBuk area between August 1st and 31st. They will be on all bands and modes.
 - TK – Corsica - TK/DJ0TOP, Frans, plans an August 6 to September 14 operation. During the International Lighthouse/Lightship Weekend August 22-23 he will be at the Phare (lighthouse) d'Alistro.

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

Meeting Minutes: (cont'd.)

- Field Day – Jim (AA8OY) commented that the group did well on Field Day.
- Treasurer Report – Paul (W8PJW) – Sent our annual donation to Mad River Radio Club to support Ohio QSO Party.
- Lake County History Center – Bob (K8QXO) mentioned that the History Center is open Tuesday through Saturday noon to 4:00 p.m. Masks are required.
- Director at Large Report – Joe (N8JKO) mentioned that he is working on upcoming presentations for the group. Both will be presented to the group via Webex.
- VE Testing – Bob (K8BL) mentioned that the last VE Testing session took place at Chapin Forest in the Pavilion. All went well. 11 of 12 persons testing received their licenses.

Meeting adjourned at 8:30 p.m.

Donna Wheeler – W8DMP



Sunshine Report

By Donna, W8DMP

Nothing to report.

BACKSCATTER

175 Years Ago: Jean-Maurice-Émile Baudot is born. A French engineer who received a patent on a telegraph code in 1874 that later superceded Morse Code as the most commonly used telegraphic alphabet. He later developed a fast-printing telegraph which could transmit six simultaneous messages.

62 Years Ago: Jack Kilby demonstrated his invention of a miniaturized electronic circuit to his supervisor at Texas Instruments, now recognized as the first integrated circuit to be built and operated. In 1959 he applied for a patent, eventually issued in June of 1964.

40 Years Ago: The first planning meeting for the 1981 Hamfest will take place at Tom, N8BLL's QTH.

The 81/21 Ham-O-Gram has a new editor! Old Editor Mike, WD8IVL gives his position, and sells his computer (a TRS-80) to New Editor Gary Kneisley, KA8IQA.

35 Years Ago: A new version of the Russian woodpecker appears on 20 meters. The FCC df's it to Odessa, USSR, near the Black Sea. Pretty much staying near 14 MHz, it takes up approximately 30 KHz of spectrum. The FCC's Treaty Division lodges a protest.

George, KD8...FJ operates amateur radio station K2BSA from Hill, Virginia. Each day for seven days hundreds of boys, leaders and others pass through the station, which operates SSTV and RTTY, as well as HF and FM. Over 3100 items of traffic are handled.

30 Years Ago: Our Good Ducky and White Knuckle Time Out awards are AWOL. If you know of their whereabouts, please contact a club officer.

LCARA's membership reaches 180 !

25 Years Ago: The ARRL makes up it's mind on the DXCC status of Scarborough Reef and Pratas Island. Although the DX Advisory Committee kills the Scarborough application, the ARRL Awards Committee overrides them, and accepts it. Status of the recent 5A1A Libya operation is still uncertain.

20 Years Ago: LCARA plans to hold a General upgrade class, to cover both theory and code. With only 5 WPM required, General is easier than ever.

15 Years Ago: Section Manager Joe Phillips, K8QOE will speak to the club at the September meeting.

Club Prez Doug, K8NFF wins the first two hourly door prizes at the club picnic.

10 Years Ago: LCARA meetings move to the Cleveland Clinic at I-90 and 91 in Willoughby.

5 Years Ago: LCARA begins Technician classes at the Historical Society. Taught by Matt Welch, W8DEC, they run once weekly for five weeks, with the exam on the 6th evening.

LCARA Historian

Scott, KO8O



DX Alert, September 2020

OZ200EM - In memory of Hans Christian Orsted, who 200 years ago discovered that electric currents create magnetic fields, special event station OZ200EM will be QRV from Virum (EU-029) through the end of this year.

KENYA, 5Z. Andy, G3AB is now QRV as 5Z4VJ from Nairobi.

NORTH COOK ISLANDS, E5. Warwick, E51WL is QRV from Penrhyn Atoll, IOTA OC-082. Activity of late has been on 20 meters using FT8 and FT4. He may soon be active on 2 meters EME.

DENMARK, OZ. Special call sign OZ200EM is QRV until the end of 2020 to celebrate the 200th anniversary of the discovery of electromagnetism by Hans Christian Orsted.

HONG KONG, VR. Special call sign VR2HK9O is QRV until May 31, 2021 to celebrate the 90th anniversary of the Hong Kong Amateur Radio Transmitting Society.

CAMBODIA, XU. Tad, JA1DFK is QRV as either XU7AKU or XU7AKV from Phnom Penh during the next couple of years. Activity is on the HF bands using mainly CW and SSB with some digital activity.

ADDED NOTES:

TF - Iceland - DJ7JC, Norbert, will be moving around Iceland with a Camper for eight weeks. Activity "holiday style" as TF/DJ7JC will be on 1.8 through 28 MHz on CW, FT8 and RTTY until October 14.

OX – Greenland - OZ1DJJ, Bo, will be QRV as OX3LX starting August 24th. Plans are to operate from Islands designated (NA-134), through September 20th.

T6 – Afghanistan - S53R arrived back in Kabul August 25 with T6AA his regular call and T6A in contests.

9H – Malta - In September DL2AAZ, Reiner will be active from Gozo Island using special call 9H3SAT. Activity will be on the HF bands, 6 meters and especially on Satellite QO-100.

LY – Latvia - LY784A celebrates the 784 years of the town, Siauliai. This one will be on CW and SSB until September 30.

YB – Indonesia - 8A387KRW is a special call for the 387th anniversary of the Karawang District, on the air September 11- 14. The plan is to be on 80, 40, 15, 20 and 2, CW, SSB, FM and FT8.

Happy hunting!

Jim, AA8OY
Thanks to ARRL DX and Weekly DX



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

OHEPN

The Ohio HF Emergency Preparedness Net is conducted every Tuesday at 7PM local time on 3850 kHz (or nearby, to adjust for interference). You may have to move up or down the band if you do not hear them near that frequency.

Please note the Net Control Station transmits from the State of Ohio Emergency Operations Center in Columbus.

Should you have any questions regarding the net, I encourage you to contact Team [W8SGT](mailto:w8sgtohio@gmail.com) at w8sgtohio@gmail.com.

OHDEN

The OHIO DIGITAL EMERGENCY NET. OHDEN is an Section Level ARES approved NBEMS **emergency** traffic net. The purpose is to provide a statewide communications conduit between the EMA/EOC'S in Ohio. The net uses sound card digital modes and NBEMS to pass written traffic. The net uses the low frequency HF bands for statewide NVIS coverage. FLDIG is the standard software. District and county level communications are provided at the local level by the DEC/EC's.

Each Ohio ARES district and county is encouraged to organize digital capabilities and to liaison to the statewide OHDEN net.

In addition, OHDEN provides training, **technical** assistance and organizational assistance in support of digital modes and NVIS communications.

During Daylight Saving Time (starting on March 08), The frequency will be 3584.500 KHz + 1500 Hz waterfall USB using Olivia 8-500.

During Standard Time (longest winter months), The frequency will be 1804.500 + 1500 Hz waterfall USB using Olivia 8-500.

During the month of March OHDEN will maintain secondary watch by an Alternate Net Control station on our secondary frequency of 1804.5 KHz to allow stations to check in on both bands and compare signal reports. Check into the primary frequency first and then (optional if you have the capability) call in on the backup 160 meter frequency after Primary NCS has recognized you and you have cleared any traffic you have.

Both of these frequencies are prime and secondary on our OHDEN frequency plan listed in the OHDEN SOG.

VE TESTS stay at Metroparks for OCTOBER

After having to cancel LCARA's April and June VE tests due to closure of the Kirtland Library, the August 1st test moved to a **new location**:

Lake County Metroparks
Chapin Forest Reservation
9938 Chillicothe Road (Rt 306)
Quarry Shelter

This worked well, and since the Library is still uncertain, **we will also hold the tests at the Metropark on October 3**. Quarry Shelter is a covered picnic pavilion, so be sure to dress accordingly.

Chapin Forest is 3.3 miles south of I-90 on Route 306, in Kirtland. This is 1.6 miles south of the library. The park is on the west (the right side going south) of 306. The Quarry Shelter is almost immediately on the right as one enters the reservation.

The tests will start at **12 noon**. Please arrive a few minutes earlier. Reserving a spot is suggested, although we hope to have plenty of seats available.

On test day, you will need to complete the NCVEC 605 Form, which will be available at the test. If you would like to do this 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. To reserve a spot, or if you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or scottfarnham@roadrunner.com

Breakfast Date for September 2020



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

Board Meeting



The LCARA Board meeting will be at the Tri-Point facility on **September 9th** @ 7:00 p.m., in the Tri-Point Board room. **(Watch for messages from Ed)**

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 has donated 100's of radio tubes from his father's store. If members are in need contact Ed, KB8BKE. No charge.

Check the LCARA website Swap/Sell/Trade page for more equipment available.

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

Events Contact Info.

Event	Contact	Location	Date
ARES Net	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	Ed KB8BKE	Webex	Wed. 9/16 1900
VE Testing	Scott, KO8O, at 440-256-0320	Chapin Forest	Sat. 10/3 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.

More Area Nets

More local area nets are listed at the www.lcara.org site.

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

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

Serving Lake County since 1978

September 2020

LCARA CALENDAR OF EVENTS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1	2 LCARA Meeting 7:30 (WEB-X)	3 LCARA Meeting Net 7:00 (147.21)	4	5
6	7 ARES NET 7:30 (147.21)	8	9 LCARA Board Meeting 7:30 (WEB-X)	10 LCARA Meeting Net 7:00 (147.21)	11	12
13	14 ARES NET 7:30 (147.21)	15	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)			