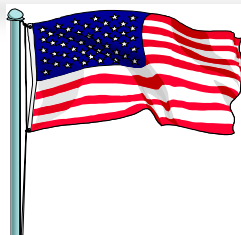




The LCARA Patch

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
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Sunshine	Donna Wheeler	W8DMP
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG



OCTOBER MEETING (Webex)

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

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Meeting Minutes for September

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
Paul – KE8PP
Tom – N8UAZ
Jeff – KG8IU
Matt – KC8NZJ
Jeff – WA8SAJ
Steve – W8SKF
Melody – KB8QIB

Donna – W8DMP
Joe – N8JKO
Bill – N8IJG
Ron – KC8BTN
Dale – KG6WGO
Bob – K8QXO
Bob - N8KBX
Brian – KE8OXB
Ron – NU8N
Bob – W2THU
Chris – KE8JPQ
Cal – W8BZP
Don – WA8TWM
Larry – WB8PHI

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:32 p.m.
- This meeting took place as an online membership meeting using the Cisco Webex platform.
- Ed (KB8BKE) welcomed the presenter for this meeting Jeff (KG8IU), along with several visitors. Many of whom were joining us from Geauga Amateur Radio Association (GARA).

The presentation for this meeting was titled “DMR and Other Digital Voice Modes in Ham Radio”. Jeff’s presentation was very interesting and educational. Several members had questions for him and asked for additional information along with copies of his presentation. The group thoroughly enjoyed his presentation and were grateful to Jeff for sharing his time, knowledge, and expertise with us.

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Meeting Minutes: (cont'd.)

Topics covered in tonight's presentation included:

- Amateur Digital Voice
 - Main Amateur DV Modes
 - D-Star
 - Yaesu System Fusion
 - DMR
 - ◆ Technical Foundations and Terminology
 - ◆ DMR Tier 1, Tier 2, Tier 3
 - ◆ DMR ID's, Identifiers
 - ◆ DMR Talk Groups
 - ◆ DMR Multiple Talkgroup RX
 - ◆ DMR Amateur Networks
 - ◆ DMR Brandmeister
 - ◆ DMR Gateway Concepts
 - ◆ DMR Radios
 - DMR-MARC
-
- Additions and/or Corrections to the Patch – Jim (AA8OY) submitted additional notes to Melody (KB8QIB) to add to the DX section of this month Patch newsletter.
 - Public Service – Mike (WB8ZGH) mentioned that very few events have been scheduled to take place due to the Coronavirus Pandemic. Ohio State Parks on the Air will take place on September 12th at Mentor Headlands. The LCARA Trailer and Mike's (WB8ZGH) motorhome will be there. We will practice social distancing. There will be plenty of room. Only two people at a time will be permitted in the trailer.

Perry Power Plant Drill - Nothing amateur radio related will take place this year.
-
- Repeaters – Bill (N8IJG) mentioned:

The 147.255 repeater can be used in digital mode. Be aware that there is no internet. That repeater will do C4FM. We have the second model of the 1DXR. Yaesu is up to the third iteration. The unit will have to be sent back to Yaesu to be upgraded.

There is a glitch in the LCARA repeater system. Repeaters are working at this time. Some of the audio from some of the remote sites tends to drop out at times. Will be fixed as soon as the Coronavirus Pandemic is over.
-
- Nets

Bill (N8IJG) mentioned that the Thursday night 2-meter net will take place and be available via Youtube on Thursday, September 3rd. The net will begin at 7:00 p.m. Feel free to stop by.

Joe (N8JKO) mentioned that he will only be able to act as the Lake County ARES Net Control on the 2nd and 4th Monday of each month on the 147.210 repeater. Net Control operators are needed to operate the net on the 1st and 3rd Monday of each month.

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Meeting Minutes: (cont'd.)

Mike (WB8ZGH) mentioned Wednesday night 10-meter net is going well. Half dozen or more operators join the net each week.

Tom (N8UAZ) mentioned the ARES Simplex net will take place on Thursday night, September 3rd, on 146.415. Be sure to give reports to Matt (KC8NZJ).

- Sunshine – Donna (W8DMP) – There is nothing new to report.
- Secretary – Donna (W8DMP) mentioned:

Donna (W8DMP) and Ed (KB8BKE) provided a quick overview of the September Board Meeting topics discussed.

Submitted meeting minutes to Melody (KB8QIB) for inclusion in the Patch newsletter.

Sent a new member packet to James (KE8NXG) on August 24th. Please welcome James to the club. Look out for him on the air.

The club was in need of several supplies to make new member packets. Purchased a few supplies to accommodate this need.

- DX Opportunities – Jim (AA8OY) commented there were several DX opportunities:

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.

- Treasurer Report – Paul (W8PJW) – Transitioned to the new account. The old account has been closed. Reported finances for the club for the month.
- Director at Large Report – Joe (N8JKO) mentioned that Bob Heil (K9EID) will present next month. Joe is working on the November presentation.

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Meeting Minutes: (cont'd.)

- Bob (K8BL) mentioned:

FT8 contacts have been great lately. There has been a lot of activity.

Reference number for the James A. Garfield Historic Site for Parks On The Air is K0836. Reference number for Mentor Headlands Beach is K1957.

The History Center was really appreciative of our help at their August event.

Meeting adjourned at 9:05 p.m.

Donna Wheeler – W8DMP



Sunshine Report

By Donna, W8DMP

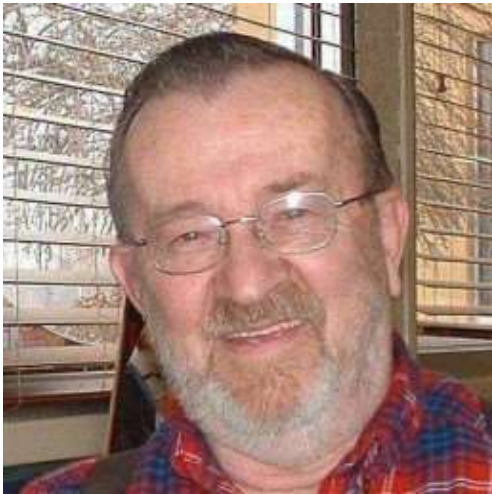
It is with deep sadness that we report that Fritz Hemrich (K8WLF) passed away on Saturday, September 19, 2020. He was a long-time member of Lake County Amateur Radio Association, a fellow-ham, and a great friend to many. Lake County Amateur Radio Association extends its deepest sympathy to his family at this difficult time. He will be missed.

Donations in Fritz's name can be made to Hospice of the Western Reserve or the USS Cod.

Silent Key



Frank M. Hemrich "Fritz" (K8WLF)



Frank M. "Fritz" Hemrich, 81, of Concord Township passed away Sept. 19, 2020, surrounded by family after a lengthy illness.

He was born Aug. 19, 1939, in Cleveland.

Fritz was preceded in death by his parents, Frank and Eleanor (nee Meade) Hemrich.

Fritz was a beloved husband, father, and grandfather, and had many dear friends. He is survived by his loving wife of 44 years, Rella (nee Raab); son, Frank A. (Dolores); daughter, Ellen (Starson) Hochschild; and three adoring grandchildren, Emma and Nathan Hochschild, and Frank Edward "Eddie" Hemrich.

He proudly served in the U.S. Navy on two different submarines during the Vietnam era, and was an active member of the USSVI Cod Base. The friendships he gained are priceless, "Shipmates Forever." Fritz received his amateur radio license in 1958, call sign K8WLF, and was still very involved in local groups. He enjoyed speaking with people from all over the world and took part in annual Field Day events. He made lifelong friends through Ham Radio.

Fritz retired in 1998, after serving as the Communications Engineer for the City of Euclid. He was very active in the community and took great pride in maintaining all of the police and fire radios. You knew Fritz was around when you heard his big key chain jingling and radios beeping. He was an active volunteer for the USS Cod

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Submarine in Cleveland and the Lake County Emergency Operations Center. Fritz was past President of The Association of Public Communications Officers and of the Collinwood Alumni Association. He was a member of several organizations including the Lake-Geauga FOP 16 - FOPA 25, East Cleveland Old Tymers Assoc., PERI, and Lake County Amateur Radio Association. Fritz was an avid Barbershop singer and enjoyed singing with two Barbershop groups until very recently. It was often said that Fritz couldn't go anywhere without running into someone he knew.

This kind and loving man will be remembered for his big heart, gentle eyes, and contagious smile. Fritz had a joke ready at all times, he would go out of his way to help a stranger, and knew the answer to everything. He was a very proud Grandfather and loved having his grandchildren live close to him. He loved to tease them with his corny jokes and make them smile. Fritz wanted everyone to feel special. He was always thinking of others, even in his final days. Cherish your friends and be kind to those in need in his memory. If you see someone without a smile, give them one of yours.

“Although our hearts are heavy, we will celebrate his amazing life and find comfort that he is in heaven watching over us.”

Arrangements are entrusted to McMahan-Coyne-Vitantonio Funeral Homes in Willoughby and Mentor. To leave condolences for the family, visit www.MCVfuneralhomes.com.

BACKSCATTER

438 Years Ago: Pope Gregory XIII declares that this day, 5 October 1582 is Day 1, and the first day of the Gregorian calendar. It is recognized in the Catholic countries of Italy, Spain, Portugal and Poland, but the rest of the world still used the Julian calendar.

136 Years Ago: Greenwich was adopted as the universal meridian. At the behest of the U.S. President, 41 delegates from 25 nations met in Washington, DC, and established there would be a single world meridian passing through the principal Transit Instrument at the Observatory at Greenwich. All longitude would be calculated both east and west from this meridian up to 180°. This 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.

70 Years Ago: The first American radio paging service, Aircall of New York City, sent the first page to a doctor on a golf course 25 miles away. Subscribers carried a six-ounce pocket radio receiver and could hear their call numbers repeated in numerical sequence on the air at least once per minute within a 30-mile radius.

40 Years Ago: Little known amateur radio laws, rarely included in VE tests, include:

Sattinger's Law: It works better if you plug it in.

Schmidt's Law: If you mess with it long enough, it will break.

Smith's Laws:

- The odds of receiving a QSL card are inversely proportional to the cube of your need for confirmation.
- In a DX list operation, your call area will be last.
- When the list gets to your call, the band will close.
- All stereo speaker leads are manufactured to the dimensions of a 15 meter dipole.

37 Years Ago: The last hand-cranked telephones in the US went out of service as 440 telephone customers in Bryant Pond, Maine, were switched to direct-dial service. Prior to that time a resident's number could be as short as 33.

35 Years Ago: London Bridge Broadcasting of Lake Havasu City, Arizona, files a request for wavier of the FCC's rules to permit use of 434 MHz for gathering news, and re-broadcasting such news on their television station. The Private Radio Bureau seeks comments on this filing.

The FCC proposes amateur bands at 10.100-10.150 MHz, 24.890-24.990 MHz, and 902-928 MHz. They also announce the elimination of amateur operation on 420-430 MHz within 150 miles of Canada.

BACKSCATTER cont'd.

30 Years Ago: LCARA members will celebrate the 150th anniversary of Lake County by operating special event station WT8F from the Lake County Historical Center. Three stations will be set up, including one for Novice operation.

The FCC requests comments on its proposal to allow the wavier of CW tests for handicapped persons wishing to upgrade beyond 5 WPM.

25 Years Ago: The FCC announces plans to close all but one of it's monitoring stations. They state that the one remaining in Laurel Maryland will monitor via remote electronic means, and that no monitoring function will be impared.

Solar cycle 23 is detected, although the bottom of 22 is still a year away. New cycles are identified by sunspot magnetic polarity, which switch each cycle.

Tom, KB8WFD, graciously volunteers to be the Vice Chairman of the 1996 Hamfest.

20 Years Ago: Five new members are welcomed into the club.

15 Years Ago: Dennis, KI8U receives the Ohio Single Sideband Net's award for traffic handling and promotion of the national traffic system.

After discovering there are no trees in the Arizona desert to support wire dipoles, Vance, KA8YHZ designs and demonstrates his dipole-on-a-stick ... two HF mobile fibreglass whips positioned base-to-base as a dipole, and mounted on a short mast in the bed of his pickup.

10 Years Ago: The question is raised as to which is dumber, county hunting, or collecting QSL card from stations whose call signs spell out words. The county hunter's wife asks after he confirms all 3077 counties, if he would now get rid of all his radios since he'd talked to everybody.

5 Years Ago: Technician classes will be held at the Historical Society. There will be six sessions running from 6 to 9 PM.

LCARA Historian

Scott, KO8O



DX Alert, October 2020

Last week SpaceWeather.com announced “**Solar Cycle 25 is officially underway**”. NASA and NOAA made the announcement during a media teleconference earlier [last Tuesday]. According to an international panel of experts, sunspot counts hit rock bottom in Dec. 2019, and have been slowly increasing since.

T8 – Palau T88SS (KE1AT), Gary, now has an inverted vee on 160 meters, which he says is “working great”. Gary is also QRV on his “best DX bands” 30 and 80 meters, reportedly making “a lot of stateside contacts on 30 meters”. Gary is only able to get on the air over weekends. Most of his activity is on FT8, occasionally he gets requests to operate on CW on 40 and 80 meters.

JD1 – Ogasawara -JI5RPT, Makoto, will sign JD1BLY from Chichijima October 3-6, running FT8, CW and SSB on all bands up through six, plus the RS-44 satellite. He will focus on 630M, JT9, 160M SSB, the satellite and HF FT8.

5U – Niger - French Amateur Radio operator F4IHM, Adrien Fourier, is now on mission in Niamey. He will be QRV as 5U4IHM using an FT-817 and a wire antenna. Listen for him on CW using a straight key on 40 and 20 meters. He is new to CW.

9M6 – East Malaysia - During both the CQ World Wide DX SSB (October 24-25), and CQ World Wide DX CW (November 28-29) JE1JKL, Saty, will be operating his 9M6NA remotely. This will count for the contest and DXCC but not IOTA. He will be active on 7 through 28 MHz.

HB0 – Liechtenstein - ON4ANN says he is heading to HB0 for a week, September 26 to October 3.

PJ4 – Bonaire - During the CQ World Wide DX Contests the PJ4G station will be QRV, as PJ4A, remotely as travel to the island is currently not possible. W1MD, Marty, will single op in the SSB run on October 24 and 25.

V3 – Belize - V31MA, Marc, will operate in the CQ WW DX SSB Contest, October 24-25, using special call V3A.

VU – India - On October 2, 3 and 4 members of the West Bengal Radio Club will operate Field Day from Henry Island (not an IOTA) using special call AU2DX.

V7 – Kwajalein Atoll V7/KX4QD, Randy Hisle, went on the air about a year ago, on “Roi Namur.” The V7/KX4QD home hamshack has an IC-7300 and the club station (V73AX) an IC-7410 and other gear.

EA6 –Balearic Islands - Philippe, EA4NF is QRV as EA6/EA4NF from Formentera Island, IOTA EU-004, until February 21. Activity is on the LEO Satellites.

JX – Jan Myen - Erik, LA2US will be QRV as JX2US from Olonkinbyen from October 2020 to March 2021. Activity will be in his spare time on 160, 80, 40, 30, and 20 meters using CW and FT8 in DXpedition mode.

Happy hunting!

Jim, AA8OY
Thanks to ARRL DX and Weekly DX



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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 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. 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 October 2020



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, October 20th** 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 **October 14th** @ 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.

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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 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.

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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. 10/14 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.

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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

October 2020

LCARA CALENDAR OF EVENTS



Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 LCARA Meeting Net 7:00 (147.21)	2	3 VE Testing Noon
4	5 ARES NET 7:30 (147.21)	6	7 LCARA Meeting 7:30 (WEB-X)	8 LCARA Meeting Net 7:00 (147.21)	9	10
11	12 ARES NET 7:30 (147.21)	13	14 LCARA Board Meeting 7:30 (WEB-X)	15 LCARA Meeting Net 7:00 (147.21)	16	17
18	19 ARES NET 7:30 (147.21)	20 Perkins 8:00 am	21 10 Meter Roundtable 8:30 (28.450)	22 LCARA Meeting Net 7:00 (147.21)	23	24
25	26 ARES NET 7:30 (147.21)	27	28 10 Meter Roundtable 8:30 (28.450)	29 LCARA Meeting Net 7:00 (147.21)	30	31