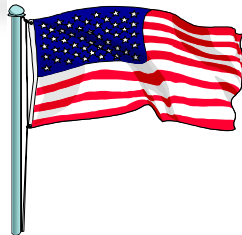


The LCARA Patch

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

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Contest	Bob Liddy	K8BL
DX	Jim Pyle	AA8OY
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Sunshine	Donna Wheeler W8DMP	
Trustee, N8BC	Bob Liddy	K8BL
Web Master LCARA	Bill Wihebrink	N8IJG



NOVEMBER MEETING (Webex)

415 Riverside Drive

Painesville Township, Ohio 44077

<http://lakehistorycenter.org/>

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Message from the President

Greetings fellow travelers,

I hope this finds you all well and persevering in today's trying times.

I would like to thank those who make the effort to attend our club's virtual meetings. We do not have a presenter planned as of this writing, and therefore the meeting will be relatively unstructured. To those who have not previously joined in, please consider doing so. We'd like to see and hear from you. Pending effective implementation of a COVID-19 vaccine, or dramatic shift in cases, we do not anticipate holding in person meetings until next spring or summer.

November is close at hand and with it comes our end of the year housekeeping chores. We will be accepting nominations to fill an open position on the Board during our virtual meeting.

A reminder that membership renewals are due January 1st thru March 15th. Early dues payments are welcome, and rates remain \$30 for family and \$20 for individuals. We ask you to please submit a renewal form, available on our website, with your payment to help us verify your contact information and record any corrections or changes. Do NOT send cash in the mail. Make your check or money order payable to:

Lake County Amateur Radio Assn.
Mail to: LCARA
PO Box 868
Painesville, Ohio 44077

As a reminder, we will, unfortunately, not be holding our Christmas Dinner this year in an abundance of caution. Our third Tuesday monthly breakfasts are however still being held at Perkins Restaurant. Group attendance is limited to 10 with spacing and overflow attendees will be placed in general seating. Facial covering is requisite for entry and seating.

Our VE team will be holding testing sessions at the Lake County History Center in December and February. April is pending. The sessions held in August and October at Lake Metropark's Chapin Forrest Reservation were well attended.

Don't forget to "Fall Back" and change your clocks November 1st.

Remember to vote.

I wish you all good health and peace of mind.

'73
-Ed

Meeting Minutes for October

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 – WA8SAJ
Melody – KB8QIB
Dale Byers - KD8DOB
Scott Yonally– N8SY

Donna – W8DMP
Joe – N8JKO
Bill – N8IJG
Ron – KC8BTN
Bob – K8QXO
Bob - N8KBX
Ron – NU8N
Chris – KE8JPQ
Cal – W8BZP
Don – WA8TWM
Larry – WB8PHI
Lee Peters – KG4KTJ
Bob Heil – K9EID

Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:00 p.m.
- This meeting took place as an online membership meeting using the Cisco Webex platform.
- Ed (KB8BKE) welcomed presenters for this meeting Scott Yonally (N8SY) and Bob Heil (K9EID).
- Scott Yonally (N8SY) is running for the ARRL Great Lakes Division Vice Director position in the 2020 ARRL Division Elections. He is one of three candidates running for the upcoming term. He emphasized the importance of this role and he solicited the support of each of our members. He shared his reasons for running, along with his background, credentials, qualifications, and vision for the future of amateur radio.

Scott attended several LCARA meetings and functions in the past. The group on the WebEx had several questions for him. All were extremely appreciative of him taking the time to meet with us to discuss the very important role of ARRL Great Lakes Division Vice Director.

Scott reminded everyone who attended the meeting that ballots have to be received by ARRL Headquarters by no later than November 20th. He encouraged everyone to get their ballot in the mail to make sure his or her vote is counted.

- Bob Heil's (K9EID) presentation was extremely interesting and educational. Several members had questions for him. The group really enjoyed his presentation and were extremely grateful to Bob for sharing his time, knowledge, and expertise with us.

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Topics covered in tonight's presentation included:

- Bob's Amateur Radio History and his Introduction to Amateur Radio
 - Early Days, First Station, First Contact, Experience with Antennas
 - Early Experience with Antennas
 - Phasing
 - Early Dayton Hamvention Events
 - History of Heil Sound
 - Science of Sound
 - Audio and Articulation
 - Power Focus
 - Equalization
 - Distortion
 - Microphones, Headsets, Heilwire, Parametric Receive Audio System
 - Ham Nation Podcast
 - Heil Sound Display at the Rock N Roll Hall of Fame in Cleveland, Ohio
 - Questions & Answers
- Ed (KB8BKE) suggested we make two donations in behalf of Fritz Hemrich's (K8WLF) memory. One to the USS Codd and one to the Hospice of the Western Reserve. The group accepted his proposal.
 - Additions and/or Corrections to the Patch – There were no additions/corrections to this month's Patch newsletter.
 - Public Service – Mike (WB8ZGH) mentioned LCARA operated the SET (Simulated Emergency Test) over the weekend (October 3rd and October 4th). Saturday was slow (mostly listening). Conditions on Sunday were better (operating/traffic). We had six operators on both days. All did a good job and enjoyed the event. Mike's plan is to submit trailer photos in the upcoming newsletter.

The Northern Ohio Marathon (+ Half Marathon) will take place November 1, 2020. It will run mostly in Northern Mentor. If anyone wishes to participate, please contact Mike (WB8ZGH) or Ed (KB8BKE).

- Repeaters – Bill (N8IJG) mentioned that repeaters are up and operational.
- Nets

Bill (N8IJG) mentioned that the Thursday night 2-meter net will take place on Thursday, October 8th. The net will begin at 7:00 p.m. Feel free to stop by.

Mike (WB8ZGH) mentioned Wednesday night 10-meter net is going well.

- Lake County History Center – Bob (K8QXO) mentioned the Lake County History Center will be sponsoring an event on Saturday, October 24, 2020. Please feel free to contact Bob (K8QXO) or Ed (KB8BKE) if you are interested in volunteering to help with parking or manning the radio room for this event.

Bob (K8QXO) also mentioned the Home For The Holidays event is scheduled to take place this year. The Lake County History Center will need volunteers from the club to man the radio room. If you are interested in volunteering for this event, please feel free to contact Bob (K8QXO), or Ed (KB8BKE).

- Secretary – Donna (W8DMP) mentioned that a new member packet was sent to Brian Lobaugh (KE8OXB) on September 29, 2020. Please welcome Brian to the club. Look out for him on the air

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

4U_UN – United Nations Headquarters The United Nations Amateur Radio Club (UNARC) will be celebrating the 75th anniversary of the United Nations with special call sign 4U75UN.

JD/M – Minami Torishima JG8NQJ, Take, will be there from October 14 to mid-January 2021.

9G – Ghana 9G5FI by DL2RMC, Tom, is now in Accra, Ghana on a project which goes through September, 2022.

E5/N - North Cook Islands Warwick Latham, E51WL, on Penrhyn Atoll, North Cook Islands, is operating as time permits, he says, on 80, 40, 30, 20, 17 and 15 and has even made some contacts on 10 and 6.

HB0 – Liechtenstein - HB0/DF8AN is planned for October 10-13. He has permission to operate on 60 meters, planning to be on 60M FT8, 5357 kHz, and also do some CW.

JW – Svalbard – This Svalbard operation is October 7-12 by LA6VM, LA7XK and LA9DL, with the call signs JW6VM, JW7XK and JW9DL,

JX – Jan Mayen - LA2US arrived October 1 for the winter and will be QRV as JX2US until March, operating on CW, FT8 and possibly other modes.

PZ – Suriname - CO7XY, Yudel, has been living in northwestern Suriname and has recently been licensed as PZ2YT.

YB – Indonesia - During the CQ Worldwide DX SSB Contest, October 24-25. YB2BOB will be a single-band 80 meter effort.

- Treasurer Report – Paul (W8PJW) – Reported finances for the club for the month. We are in good shape.
- Director at Large Report – Joe (N8JKO) mentioned that he is still trying to get a November presenter. Joe mentioned to the group that he is always open to taking suggestions for future presenters.

Meeting adjourned at 9:08 p.m.

Donna Wheeler – W8DMP



Sunshine Report

By Donna, W8DMP

- We received a thank you card from Rella Hemrich for donations made to both the U.S.S. Cod Submarine Memorial and Hospice of the Western Reserve in memory of her husband, Fritz (K8WLF).
- We also received thank you letters from both U.S.S. Cod Submarine Memorial and the Hospice of the Western Reserve for donations made to their organizations in memory of Fritz Hemrich (K8WLF).
- A sympathy card was sent to Bob Mekinda (K8QXO) for the passing of his mother-in-law.

BACKSCATTER

169 Years Ago: ,The first message was sent on a telegraph cable under the English Channel between Dover, England and Calais, France. A cable the prior year had not been sufficiently strong, and failed within a few days of its first use. It was celebrated in Dover by a salute from a 32 pound gun loaded with 10-lb of powder and fired by a transmission from Calais.

69 Years Ago: Direct-dial, coast-to-coast telephone service began with a call from Englewood, N.J. to Alameda, Calif. Three leading digits were added to the number dialed. They were able to begin talking just 18 sec. after dialing.

40 Years Ago: California amateur W6QOL wins a permanent injunction against the city of Placentia, prohibiting it from enforcing an ordinance limiting his antenna to 50 feet. Having erected a 71' tower a year earlier with approval of the city's planning commission, an unhappy councilman who happened to live nearby led the city council to pass an ordinance making such installations illegal, and ordered W6QOL to remove his tower. In addition, the city is ordered to pay W6QOL's attorney's fees.

The FCC changes the format of code tests from multiple choice to "fill in the blank." At the same time, the passing grade on the new 10 question exam is reduced from 80% to 70%.

35 Years Ago: Radio Officer Rusty, WA8HAR demonstrates the new repeater mail box. The membership unanimously votes to activate the mailbox on a trial basis.

The initial production run of 300 units of the first TNC, made by TAPR (Tucson Amateur Packet Radio), sells out in two days.

30 Years Ago: At the prior meeting, a project by LCARA to install ARRL libraries in area schools was approved by the membership. At this month's meeting, Ray W8FLX makes a motion to instead provide the books to area public libraries. Following considerable discussion and a number of different opinions, the motion is tabled until the next meeting.

LCARA replaces its original 5KW generator with two smaller Honda units.

Dan, KD8CDQ offers to sell a Commodore 64, along with disk drive, monitor and PK64 terminal modem for \$600.

25 Years Ago: Bob, K8BL's article in the prior month's Patch on NP's (non-participants) raises the ire of a number of members. The response fills four pages of this month's Patch.

PT Barnum lives. KB8WFC reports on a necklace offered for \$99.95 that is "designed to protect you from EMF radiation." It is said this remarkable pendant also tunes you to the Earth's magnetic forces, and Dr. Scott Morgan, O.M.D. is quoted at stating "I have noticed profound increases in overall energetic vitality." Others claim relief from physical disorders, and a remarkable sense of renewed energy. "Made of magnetic alloys, under it's silver cap is a rare Takionic Energy Bead, developed by Japanese scientists, and tuned to the 'Schumann Resonance' of 7.83 cycles/second." Included is a silk cord, instructions, and a velvet gift pouch.

20 Years Ago: Bruce, W8GN reported on progress in upgrading the repeater:

- The Mentor/MOL site is on schedule. Eric needs volunteers to help him set it up.
- The Madison input is next. An insurance certificate is needed to cover the site's owners. The repeater will use a temporary 440 link, awaiting 900MHz crystals.

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15 Years Ago: Say what? Vlad, UA2FF activates what may be the most difficult to pronounce DXCC country, Malyjvystskij Island as R1MVI.

10 Years Ago: President Bill, N8IJG laments Sony's discontinuing the cassette version of the Walkman.

Mike, KD8JUF reports on his QSO with the International Space Station using his HT.

The Patch reports that Mike, WB8ZGH talked about "our involvement in the Perry Nuclear Plant Drill and Pumpkin Festival."

5 Years Ago: Bob, K8BL details his recent Canadian expedition to activate Grid Squares via FO29 and SO50 satellites. He lists 2065 miles, 234 QSO's, and 4 servings of Poutine.

Radio Officer Greg, N9AGC is resigned.

LCARA Historian

Scott, KO8O



DX Alert, NOVEMBER 2020

Z8 – South Sudan - Z81B is the callsign that IZ0EGB, Massimo, has, as he continues to work from the border area, SSB on 40 and 20 from time to time. He is assigned there until December.

7Q – Malawi - Members of the Russian Robinson Club will be QRV from November 7-18. Activity will be on 160 through 10 meters on CW, SSB, FT8 (Fox and Hound).

CE – Chile - XR33M is a special call that goes to November 13 by CE1CPI, the Radio Club Copiapo. They are on 80-6 SSB, CW and digital modes.

JX – Jan Mayen – LA2US, Erik, started up his JX2US activity last week. He has been reported on 80, 40, 30 and 20 meters.

PJ7 – Sint Maarten - PJ7FM, Frank is a newly licensed Amateur Radio operator from the Dutch side of the island.

TG – Guatemala – Listen for TG9ADM, Dante, daily around 3.512 or 1.802 MHz on CW around 0300Z.

5X – Uganda - John, 5X1JT is QRV from Nansana while on work assignment for the next two years.

7Q – Malawi - Don, K6ZO is QRV as 7Q6M while working at the Embangweni Mission Hospital project. He is active in his spare time until December 5.

Antarctica - Members and operators of the Japanese Antarctic Research Expedition team are QRV as 8J1RL from Showa Research Station, Queen Maud Land, IOTA AN-015, until January 2021. Activity is on various HF bands using CW and various digital modes.

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 NOVEMBER

**VE TESTS move to the
Lake County Historical Society
for DECEMBER 5 test**

After having to cancel LCARA's April and June VE tests due to closure of the Kirtland Library, then moving to a Chapin Forest picnic pavilion for the summer, we are again moving to a **new location**:

Lake County Historical Society
415 Riverside Drive
Painesville

This is on the northeast corner of Riverside and Route 84, just before Riverside School.

The Historical Society is on the east side of Painesville. Coming from the west, at the intersection of I-90 and Route 44, go north on 44, then take the first exit, Route 84 and go east. Follow 84 through Painesville. After crossing the river, the Historical Society is at the top of the hill on the left. We are in The Barn towards the back of the property. Yes, it's heated.

The tests will start at **12 noon**. Please arrive a few minutes earlier. 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 November 2020



Mark your calendar the next meeting of the Tuesday Morning Breakfast Group is at the Painesville Perkins on **Tuesday, November 17th** 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 **November 11th** @ 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. 11/11 1900
VE Testing	Scott, KO8O, at 440-256-0320	Chapin Forest	Sat. 12/5 12:00

LCARA Net Information

Lake County ARES Net

The **Net is Every Monday at 7:30 pm** on the 147.210 repeater. This net is open to all licensed operators; you do not need to be a member. This net is provided for operators to verify the proper operation of their equipment and verify their stations capabilities in the event of an emergency. Here is your perfect chance to be Net Control or Alternate Net Control. Step forward, no experience is necessary, everyone will help you.

Lake County Two Meter Net

The 2 Meter Net runs weekly. Come join your fellow hams on Thursday's at 7:00 pm on 147.210 MHz. this is an informal net where the group can discuss any subject for the good of the group, great time to ask those questions, especially from the new operators. List your items related to ham radio that you want to sell or swap and any sunshine announcements to pass on.

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

Ten Meter Roundtable

The 10 meter Roundtable meets on Wednesday's at 8:30 pm on 28.450 MHz. This is an informal roundtable where the group can chat about anything that comes to mind and even correct some of the world's problems.

You don't need to be a LCARA member, just have at least a Tech ticket and some 10 meter gear. The Roundtable is a good chance to meet old and maybe some new friends this is a "Round Table" anyone can start it off on 10 meters. Any Questions contact WB8ZGH.

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