



# The LCARA Patch



10 METER ROUNDTABLE  
WEDNESDAY NIGHT @ 2030 HRS  
28.450 MHz

www.LCARA.ORG  
<https://groups.io/g/lcarap>

LCARA TWO METER NET  
THURSDAY EVENING @ 1900 HRS  
147.210 PL 110.9

### The PATCH

Published by the Lake County Amateur Radio Association  
P.O. Box 868  
Painesville, OH 44077-0868

### The Patch Staff

Editor:

### LCARA Officers

Ed Kopcak	KB8BKE	President
		Vice-President
Donna Wheeler	W8DMP	Secretary
Paul Wheeler	W8PJW	Treasurer
Joe Koskovics	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
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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

### 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)



*Our next club Meeting: February 3rd (Zoom)*

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## Message from the President

Greetings fellow travelers,

It's February, and that means St. Valentines Day is almost here! Go out and get yourself a box of chocolates. If you are fortunate enough to have someone special in your life...get two and maybe score some sweetie points.

Congratulations to Scott Yonnaly (N8SY) on his election as the Great Lakes Division Vice Director, and we welcome Tom Sly (WB8LCD) who is assuming the position of Ohio Section Manager. We wish them both great success in continuing to represent us here in northeast Ohio.

A reminder to those of you who have not already done so to please take a moment and send in your membership dues for 2021. Please include an application form so we can keep our records current. [https://www.lcara.org/lcara/docs/LCARA\\_MemApp\\_r12\\_20.pdf](https://www.lcara.org/lcara/docs/LCARA_MemApp_r12_20.pdf)

After a pretty fair amount of time and effort, (thank you N8JKO), we have secured the east pavilion at Daniel's Park in Willoughby for our club picnic this year. The date set is Wednesday, August 4<sup>th</sup>, and we'll have use of the site from 3:00pm until 9:00pm. We'll have our gathering and then hold a brief club meeting afterwards. The capacity is 75 people, so we hope to see everyone there. More information will be coming.

Speaking of dates, we have firmed up several of our public service and operating events. We will be at LCHS for Field Day this year. Realizing that things will probably stay "fluid" this year, please check on our website to keep up with any changes that may arise.

Our next online meeting is February 3<sup>rd</sup>. Jeff (WA8SAJ) will be discussing and demonstrating "Emergency Back-up Power". I've seen the slides and I think you all will find this presentation worth attending.

Until we meet again, take care.

'73 -Ed

## January Meeting Summary

### Board Members Present:

KB8BKE – Ed Kopcak, President      W8DMP – Donna Wheeler, Secretary  
W8PJW – Paul Wheeler, Treasurer    N8JKO – Joe Koskovics, Director at Large

### Attendees:

Ed – KB8BKE	Donna – W8DMP
Paul – W8PJW	Joe – N8JKO
Mike – WB8ZGH	Ron – NU8N
Jim – AA8OY	Cal – W8BZP
Bob – K8BL	Bob – K8QXO
Larry – WB8PHI	Bob – W2THU
Tom – KD8SJG	Bob – N8KBX
Tom – N8UAZ	Mat – KC8NZJ
Jeff – WA8SAJ	Scott – N8SY
Bill – N8WCL	Tom – KE8HJL
Lou – K8LAD	Sally – N1BCF

### Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:27 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- **President** - Ed (KB8BKE) introduced the presenter for this meeting, Mat Nickoson (KC8NZJ), District Emergency Coordinator for Ohio ARES District 10.

***Presentation Highlights:***

***Ohio ARES District 10***

- *Ohio ARES District 10 serves Ashtabula, Cuyahoga, Geauga, Lake, Lorain, and Medina counties. Each county has an individual tab on the Ohio ARES District 10 website with additional detail about each county's ARES group leadership and nets listed.*
- *The website includes a link to assist those hams who are interested in joining ARES (ARES Connect). ARES prefers you to take the recommended FEMA/ICS basic courses. They are not required for most positions but can be helpful in understanding your role in helping at an actual emergency.*
- *Anyone is welcome to join ARES and volunteer for events.*
- *Anything you do (hours worked) is currently recorded in ARES Connect by your county's leadership. Doing this gives a representation of how much we do and helps to protect spectrum access.*
- *Mat mentioned several ARES events that are always in need of volunteers (Cleveland Marathon, Lake County Marathons, Geauga County Fair. Volunteers are always appreciated.*
- *Mat addressed how to submit corrections or updates to Lake County's page, along with answering several questions related to ARES training classes.*
- *The District 10 ARES Net will be held the first Thursday of each month at 7:00 p.m., starts on the 147.015 (PL 110.9) repeater and then moves to 146.415 simplex (TX PL of 100 hz is suggested for simplex).*

***Skywarn***

- *Mat provided an overview of the NWS Skywarn Storm Spotter Program.*
- *Each county has a Skywarn Coordinator reporting to the National Weather Service.*
- *In Ohio are 30 counties, 6 districts.*
- *Individual counties pass reports through the internet or call in by phone. Skywarn spotters need to know their county frequencies. (Lake County's frequency is 444.475).*
- *If no local net is active, your reports may be given to another county who has activated. They will take your report and pass it on. Cuyahoga and Geauga have active programs. Nets are usually up every time NWS has issued a warning. They will be glad to take your information and pass it along. Thunderstorms and Tornado's are examples of severe weather events.*

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- *Mat encourages those interested attend spotter training. Anyone interested should go to the National Weather Service website. The training schedule is located off the Skywarn page (<https://www.weather.gov/cle/skywarn>). Spotter ID numbers are no longer issued to individuals.*

*In addition to amateur radio operators, there are non-hams who attend Skywarn Training. Reports can also be received by Social Media, Twitter, Public Safety Radios, and Weather Radios.*

- *A list of all individual county Skywarn frequencies, contact info, and websites for the counties in the NWS Cleveland County Warning Area are accessible off of the Cleveland Skywarn website (<https://wx8cle.org/reporting-procedures/>)*

### **Event Support Group**

- *Event Support Group (<https://n8esg.org>) is a website created to collect all of the different events that need amateur radio operators. It is not intended to replace ARES. It is related primarily to Public Service. Everyone is accepted, you don't have to be a member. All are welcome.*
- *Anyone who is coordinating amateur radio communications for an event is welcome to have their event posted here along with any registration information. They will then also forward your information to their email list of amateur radio operators who have expressed an interest in volunteering their time, expertise, and equipment.*

*The Event Support Group focuses on events where amateur radio operators are providing the following services:*

**Support & Gear (SAG) vehicle support**  
**Shadowing event organizers for communications purposes**  
**Staffing water stops for communications purposes**  
**Medical support (through partner groups)**  
**Traffic control**  
**General communications and situational awareness**  
**Emergency communications during infrastructure failures**

### **End of Presentation**

- President - Ed (KB8BKE) (continued):  
Mat's (KC8NZJ) presentation was very educational and interesting. Mat complimented our own active Lake County ARES group, lead by Mike (WB8ZGH). The group was extremely grateful to Mat for sharing his time and his ARES knowledge.

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- Bob Mekinda (K8QXO) to check with Lake County History Center to lock in the date for Field Day.
- Winter Field Day 2021 is scheduled for January 30 and 31. It is a 24-hour event. Larry (WB8PHI) usually participates and may operate from his home this year if anyone is planning to operate.
- Reminded everyone of the VHF simplex net on Saturday, January 9, 2021.
- Made a motion to re-elect the LCARA board as it exists today for the 2021 year. The group unanimously accepted. The existing board has been re-elected.
  
- **Treasurer** – Paul (W8PJW) presented:
  - We have 21 renewals since the last membership meeting.
- Additions and/or Corrections to the Patch – There are no additions/corrections to the Patch. Melody (KB8QIB) has stepped down as LCARA Patch Newsletter Editor. We are looking for someone to replace her. If anyone is interested, feel free to contact Ed (KB8BKE).
- **Secretary** - Donna (W8DMP) mentioned she created/submitted LCARA Membership Meeting Minutes and LCARA Board Meeting Minutes for the month of December. Sent out several membership renewal confirmation letters.
- 
- **Director at Large** – Joe (N8JKO) mentioned:
  - Experiencing difficulty in locating a park system that had a Sunday date available for the 2021 LCARA Summer picnic. Suggested to the group that we blend the summer picnic with a monthly summer meeting.
  - Asked if the group would prefer the picnic take place at a July or August meeting. Suggested/encouraged August. The event would take place late afternoon into the evening. Joe will balance the agenda/picnic when he is successful confirming the date.
  - Plans to re-approach Bob Heil (K9EID) for the month of May presenter. As always Joe is looking for suggestions or topics for future meetings. Asked the group if anyone would like to see a Bulldog Battery presentation.
- **DX Opportunities** – Jim (AA8OY) commented there were several DX opportunities:

In 2020 there were just 265 entities activated compared to the more typical 285. However, cycle 25 is predicted to be one of the best in history and is expected to peak in 2025. We can only hope!

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3D2/R – Rotuma- 3D2AG/R, Antoine, plans to be there until January 10. He has been active on HF and 6 m.

5U – Niger - F5IHM, Adrien, returns to his 5UAIHM station early in the year. His projected dates in country are January 7 to February 11. Look for him with his straight key on 40 and 20 m.

6O – Somalia - Operator 6O1OO, Ali (aka EP3CQ), likes FT8 (Fox and Hound) on 40 meters (7.080 MHz) daily between 2200 and 0000Z.

D2 – Angola - CT1FJZ, Paulo, returned a month ago and is active as D2FJZ when his schedule allows, usually 20 SSB.

JX – Jan Mayen - JX2US, Erik, has been on 80 CW in the 1000-1200Z range, looking for NA, sometimes earlier. Listen for him on 3502 kHz plus or minus.

8Q – Maldives - IZ5KID, Massimo, is now on the air, callsign 8Q7MM, the HF bands, mostly low power and digital modes.

- **Public Service** – Mike (WB8ZGH) mentioned that there is not a lot going on public service-wise in January. The holidays reduced the number of participants. He made contact with the EOC about Lake County Covid Vaccinations. Feedback was that the general public will start sometime in March. Mike offered LCARA services. The EOC will inform us when they decide to do it.
- **Lake County History Center** – Bob (K8QXO) mentioned that LCARA is set up for VE Testing in February and April. He will check on Field Day availability. The History Center has been closed down. Minimal people have been coming in to see the History Center. He will keep everyone posted as he receives updates.
- **Nets**
  - Joe (N8JKO) mentioned the two Monday night ARES nets are going well. Appreciates everyone's participation. Encourages all to check in.
  - Mike (WB8ZGH) mentioned the Wednesday night 10-meter roundtable is going well. Invited everyone to check in.
  - Ed (KB8BKE) assumed alternate net control operator duties for the Thursday night 2-meter net (including the ARRL Audio News). Tune in if you can.

Meeting adjourned at 9:10 p.m.

Donna Wheeler – W8DMP



## Sunshine Report

Donna, W8DMP

### *Get Well Wishes*

Carla Donelan (Tom KD8SJG) is convalescing in a rehab facility recovering from recent surgery. Send a good thought her way for a speedy return home.

### *Our Condolences:*

Don Digiovine (WD8OAW) passed away on December 27, 2020. He was a member of LCARA some time ago.

Bob (K8QXO) reports the sudden unexpected passing of his father-in-law earlier this week (1/26)

Our sympathies to their families.

### *In memoriam:*

Larry Caskey K8LPC (SK) 02/07/2020

Reno Tonsi WT8C (SK) 2/26/2020

**Backscatter for February 2021**

**Scott Farnham KO8O**

**LCARA Historian**



**121 Years Ago:** American physicist Walter Brattain was born. He shared the Nobel Prize for Physics in 1956 for investigating semiconductors and for development of the transistor. At college, he said he majored in physics and math because they were the only subjects he was good at. He became a physicist, but his strength was in physically constructing experiments. Working with William Shockley and John Bardeen, with whom he shared the Nobel, his hands built the first transistor.

**60 Years Ago:** EVE anyone? Radar signals are bounced off the planet Venus by MIT engineers with a maser installed at the Millstone Hill radar site in Westford, MA.

**40 Years Ago:** LCARA's Shop 'N Swap net is off and running with many check-ins. The net begins at 9PM on Sundays, and continues until check-ins and listings run out.

Mentor proposes tower regulations.

President-elect Ronald Regan plans to change three, and perhaps four of the FCC's Commissioners. Included amongst those being replaced is Chairman Ferris, who has stated that "the only difference between Amateurs and CB'ers is what they talk about."

**35 Years Ago:** New officers are President Cal, W8BZP; VP Len, N8FQZ; Secretary Ken, N8EIH; Treasurer John, NI8M; and Director Dan, KA8MLA.

An electricity filter is described which claims to remove sludge and clay-like buildup inside tubes and solid state devices. Much like when water pipes are disturbed and rust is loosened, the same thing happens when the electric company works on power lines. Constructed by simply running a hot lead through an ordinary quart fruit jar, the electricity jumps across the jar, while the sediment falls to the bottom. The filter should be emptied when the jar is one quarter full.

Canada's Department of Communications proposes a code-free amateur license.

A new Russian woodpecker begins operations on 20 meters. The pulse-like noise spreads across 30 kHz, pulsing 62 times per second, and sounds like a buzz saw.

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**30 Years Ago:** LCARA's Special Event station, WT8F, celebrating Lake County's 150<sup>th</sup> birthday, nets 540 contacts from the Lake County Historical Society's grounds, atop Little Mountain.

The FCC announces the elimination of the code requirement for Technician class licenses, effective mid-February. Tech's will retain all privileges above 30 MHz, with a new 55 question test to be designed.

The new DX Packet Cluster is described. Operated by Tim Herrick, KQ8M on 144.91, it links to eight other nodes via K8AZ on 222.11

**25 Years Ago:** Pratas Island, BV9P, located in the South China Sea and administered by Taiwan, has been added to the DXCC countries list.

**20 Years Ago:** Ken Deken, KC8OHF reviews the Icom TC-81a Quad-band HT. Ken is impressed by the performance and joystick control, but declares 6 meters useless on an HT, and 1.2 GHz too sparsely populated to be worthwhile.

**15 Years Ago:** The LCARA Operating Achievement Award is announced. E-mail entries are allowed if they are in MS-Word, WordPad or Plain Text.

New officers are President Dennis, KI8U; VP Ted, W4CID; Secretary Dick, WD8DW; Treasurer Liz, KC8TFZ; and Director Neal, KC8OMO.

**10 Years Ago:** Matt, W8DEC reports driving toward Fairport Harbor at 0730, when oncoming traffic began to look like a hurricane evacuation. Shortly thereafter he reports "Major gas leak in Fairport Harbor, 16 active fires at this time. People are being evacuated ..."

**6 Year Ago:** Leonard Nimoy beams up for the last time.

**5 Years Ago:** The guest speaker at the January meeting was none other than Jeff Covelli WA8SAJ, describing the 1944 East Ohio Gas Company explosion and fire.

It is pointed out that "back in the day, for [one] to be involved in 'social media,' he first had to pass the ham radio license exam.

--Scott, KO8O

## DX Alert for February 2021

Jim Pyle AA8OY



**5V – Togo** - (5VDE) HB9EHD, Daniel Eberli The equipment is packed, the visas obtained and the call sign granted (5VDE) and all is ready for our adventure to Togo, Africa from February 11 to February 20. The team will put up wire antennas and sat dishes. The overall goal is to use the open 40m and 20m bands for FT-8 and QO-100 for SSB.

**KH9 – Wake Island** - NL7RR, Thomas, is planning to be back on Wake Island starting in mid-February 2021 as NL7RR/KH9. He will be there for 90 days.

**ZD8 – Ascension Island** - TA1HZ, Tev, has ZD8HZ on the air, expected through the rest of the year. He will be on the air in his free time. So far, he has been worked on 20 and 17 FT8.

**5Z – Kenya** – 40 meter DXer's report 5Z4PA, Martin likes 40 meter CW between 0300 and 0400Z.

**5Z - Kenya** - Wayne, 5Z4WH is QRV from Molo. He is generally active on 40, 20, 15 and 12 meters using SSB and FT8.

**8J1RL – Antarctica** - JG3PLH, Takumi, will be back for another tour at the Japanese Antarctica Research Expedition (JARE) station 8J1RL. He will be there from February 2021 until January 2022.

**DP1 – Antarctica** - DL5XL, Felix, has DP1POL on the air from the Neumayer III base. He is an electronics engineer there to mid-March. Felix is on the HF bands and QO-100 satellite, CW and digital modes.

**Antarctica** - Ramon, LU3HRS is QRV as LU1ZG from Base Belgrano II while on work assignment. He is usually active on 20 meters using FT8 between 1900 and 2300z.

**8Q – Maldives** - HB9WDF, Michael, has announced his plans to operate from Vilamendhoo, Maldives as 8Q7AO until February 7.

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**C3 – Andorra** – C31US, Joan, can be found daily between 0700 and 0800Z on 40 CW.

**ZD8 - Ascension Island** - Tev, TA1HZ is QRV as ZD8HZ during 2021 while on work assignment in Georgetown.

**KL7 – Alaska** - The 2021 Alaska RST QSO Party is a special event being organized by the North Country DX Association, the “NCDXA,” call sign K7ICE. This goes through February 15 with call signs KL7RST, KL7RST/KL7, VY1RST/KL7, VE8RST/KL7 and VY0RST/KL7, who plan to be “all bands and modes” from various QTHs in Alaska.

**SM – Sweden** - SD400SU is a special call from the SK3BG group, the Sundsvall Amateur Radio Club, celebrating the town’s 400 years. SD400SU will be on the air throughout the year.

**TR – Gabon** – 20 Meter CW and RTTY ops report working TR8CA, Alain, between 1600 and 1730Z.

**YB – Indonesia** – K3ZO, Fred, notes now is the season for North American stations, on the Eastern half, to listen between 2100 and 2300Z for YB stations on SSB. Look for them via the long path between 7.128 and 7.170 MHz

**8Q - Maldives** - Michael, HB9WDF will be QRV as 8Q7AO from Vilamendhoo Island, IOTA AS-013, from January 25 to February 7. Activity will be only on Satellite OQ-100.

**CE0 – Easter Island** - Johnson is now QRV as CD0YJA and plans to be QRV from Hotu Matua when time permits.

Happy hunting!

--Jim, AA8OY

(Thanks to ARRL DX and Weekly DX)

### **Contests**

**ARRL - February 2021**

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### February 1

- [K1USN Slow Speed Test](#)
- [OK1WC Memorial \(MWC\)](#)
- [RSGB 80m Club Championship, SSB](#)

### February 2

- [Worldwide Sideband Activity Contest](#)
- [ARS Spartan Sprint](#)
- [RTTYOPS Weeksprint](#)

### February 3

- [QRP Fox Hunt](#)
- [Phone Weekly Test - Fray](#)
- [VHF-UHF FT8 Activity Contest](#)
- [CWops Mini-CWT Test](#)
- [UKEICC 80m Contest](#)

### Contest Corral - February 2021

Feb. 2	RSGB 80m Club Championship, SSB	<a href="https://www.rsgbcc.org/hf/rules/2020/r80mcc.shtml">https://www.rsgbcc.org/hf/rules/2020/r80mcc.shtml</a>
Feb. 3	UKEICC 80m Contests SSB	<a href="https://bit.ly/2SDPqQQ">https://bit.ly/2SDPqQQ</a>
Feb. 6	FISTS Winter Saturday Sprint	<a href="http://www.fistsna.org/operating.html">http://www.fistsna.org/operating.html</a>
Feb. 6	AGCW Straight Key Party	<a href="https://bit.ly/3ngQSpB">https://bit.ly/3ngQSpB</a>
Feb. 6	Minnesota QSO Party	<a href="https://www.w0aa.org/mn-qso-party/">https://www.w0aa.org/mn-qso-party/</a>
Feb. 6-7	10-10 Int'l Winter Contest	<a href="http://bit.ly/1FrFeBc">http://bit.ly/1FrFeBc</a>
Feb. 6-7	British Columbia QSO Party	<a href="http://www.orcadxcc.org/bcqp_rules.html">http://www.orcadxcc.org/bcqp_rules.html</a>
Feb. 6-7	Vermont QSO Party	<a href="http://www.ranv.org/ranv.html">http://www.ranv.org/ranv.html</a>
Feb. 6-7	Mexico RTTY International Contest	<a href="https://bit.ly/35kiJ20">https://bit.ly/35kiJ20</a>
Feb. 6-7	North American CW Sprint	<a href="http://nciweb.com/north-american-sprint/">http://nciweb.com/north-american-sprint/</a>
Feb.8-12	ARRL School Club Roundup	<a href="http://www.arrl.org/school-club-roundup">http://www.arrl.org/school-club-roundup</a>
Feb. 10	RSGB 80m Club Championship, DATA	<a href="https://www.rsgbcc.org/hf/rules/2020/r80mcc.shtml">https://www.rsgbcc.org/hf/rules/2020/r80mcc.shtml</a>

Check out the WA7BNM Contest Calendar page (<https://www.contestcalendar.com/>) for more contests or more details.

## Orlando HamCation Online Event and QSO Party Set



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Orlando HamCation has announced it will sponsor the [HamCation QSO Party](#) over the February 13 – 14 weekend (UTC), “to create a fun way for amateurs to celebrate the Orlando HamCation experience over the air.” The HamCation QSO Party will be a 12-hour event on HamCation weekend. HamCation 2021 was to host the ARRL National Convention, which now will take place in 2022.

Nine HamCation special event stations with 1 × 1 call signs will be on the air with combined suffixes spelling out HamCation (e.g., K4H, W4A, K4M, etc). Each contact will count as one point, and stations may be worked once on each band and mode. Entrants will report their scores on [www.3830Scores.com](http://www.3830Scores.com); no logs are required. Final results will be based on the information submitted to the website

### **ARRL News**

#### **Virtual HamCation Set**

The [Orlando HamCation](#) Special Edition online event over the February 13 – 14 weekend will take the place of what would have been the HamCation 2021 in-person show.

The online event will include youth, technology, contesting, and vendor [webinar tracks](#). ARRL will also present two webinars on Saturday, February 13.

- ARRL Member Forum at 1 PM EST, moderated by ARRL Southeastern Division Director Mickey Baker, N4MB.
- Amateur Radio Emergency Service (ARES®) presentation at 3 PM EST, moderated by ARRL Director of Emergency Management Paul Gilbert, KE5ZW. The ARES presentation will include panelists from ARRL Section Emergency Coordinators in Florida.

Live, online prize drawings also are scheduled during the HamCation Special Edition online event.

#### **Dayton Hamvention Cancels 2021 Show**

01/11/2021

[Dayton Hamvention](#)® will not take place for the second year (in a row).

“Unfortunately, several setbacks in the recovery from the COVID-19 pandemic make necessary the difficult decision to cancel Hamvention 2021,” a January 11 announcement from the Hamvention Executive Committee said. Sponsored by the Dayton Amateur Radio Association ([DARA](#)), Hamvention was set to take place May 21 – 23 in Xenia, Ohio.

“Hundreds of volunteers have been working to do everything necessary to bring this Hamvention to the many amateur radio enthusiasts and vendors who support the Dayton Hamvention. Vaccine distribution both in the United States and around the world is lagging behind what was planned. In addition, the emergence of a more communicable form of the COVID-19 virus increases the potential for further public health problems in the next few months. We make this difficult decision for the safety of our guests and vendors. Those who had their tickets deferred last year will be deferred again.”

The committee said the show would return in 2022 and hinted at a QSO party for Hamvention weekend. In November, Hamvention had announced that “The Gathering” would be the theme for the 2021 show.

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Hamvention is the largest annual amateur radio gathering in the US and was host of the ARRL National Convention in 2019. The ARRL [Hamfest and Convention Calendar](#) includes a searchable database that includes other [canceled](#) in-person events.

### FCC to Require Email Address on Applications Starting on June 29, 2021

12/31/2020

**Effective on June 29, 2021**, amateur radio licensees and candidates must provide the FCC with an email address on all applications. If no email address is included, the FCC may dismiss the application as “defective.”

On September 16, the FCC adopted a *Report and Order (R&O)* in WT Docket 19-212 on “Completing the Transition to Electronic Filing, Licenses and Authorizations, and Correspondence in the Wireless Radio Services.” The *R&O* was [published](#) on December 29 in the *Federal Register*. The FCC has already begun strongly encouraging applicants to provide an email address. Once an email address is provided, the FCC will email a link to an official electronic copy of the license grant. An official copy will also be available at any time by accessing the licensee’s password-protected Universal Licensing System (ULS) account.

Licensees can log into the ULS [License Manager System](#) with their FRN and password at any time and update anything in their FCC license record, including adding an email address. For questions or password issues, call the CORES/FRN Help Line, (877) 480-3201 (Monday – Friday, 1300 – 2300 UTC) or [reset the password](#) on the FCC website.

The only way to refrain from providing an email address on an application would be to submit a request to waive the new rule, providing justification for the request. (The FCC would not be obliged to grant such a request.)

Under Section 97.21 of the new rules, a person holding a valid amateur radio station license “must apply to the FCC for a modification of the license grant as necessary to show the correct mailing and email address, licensee name, club name, license trustee name, or license custodian name.” For a club or military recreation station license, the application must be presented in document form to a club station call sign administrator who must submit the information to the FCC in an electronic batch file.

Under new Section 97.23, each license must show the grantee’s correct name, mailing address, and email address. “The email address must be an address where the grantee can receive electronic correspondence,” the amended rule will state. “Revocation of the station license or suspension of the operator license may result when correspondence from the FCC is returned as undeliverable because the grantee failed to provide the correct email address.”





# HAM EXAMS somewhere IN LAKE COUNTY EVERY OTHER MONTH

The Lake County Amateur Radio Association's V E team will be holding Amateur Radio license exams on the following dates in 2021:

Saturday, February 6 \*

Saturday, August 7

Saturday, April 3 \*

Saturday, October 2

Saturday, June 5

Saturday, December 4

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). They are **usually** held at the Kirtland Public Library, 9267 Chillicothe Road. It is 1.7 miles south of I-90 on Route 306 (Chillicothe Rd). The library is on the left, just beyond the Marathon gas station.

**\* NOTE THAT DUE TO COVID, the February and April tests will be held at the Lake County Historical Society, located at: 415 Riverside Drive, Painesville Twp. Facial masks are required.**

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

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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. Find the form online at: <http://www.ncvec.org/downloads/ncvec605.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. To confirm the location, or if you have any questions, please contact Scott Farnham, KO8O, at (440)256-0320, or [scottfarnham@roadrunner.com](mailto:scottfarnham@roadrunner.com)



*“The first wireless operators were landline telegraphers who left their offices to go to sea or to man the coastal stations. They brought with them their language and much of the tradition of their older profession. In those early days, every station occupied the whole spectrum with its broad spark signal.*

*Government stations, ships, coastal stations and the increasingly numerous amateur operators all competed for time and signal supremacy in each other's receivers. Many of the amateur stations were very powerful. Two amateurs, working each other across town, could effectively jam all the other operations in the area.*

*Frustrated commercial operators would refer to the ham radio interference by calling them "hams." Amateurs, possibly unfamiliar with the real meaning of the term, picked it up and applied it to themselves. As the years advanced, the original meaning has completely disappeared.”*

## 3<sup>rd</sup> Tuesday Breakfast Group 2021



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **February 15<sup>th</sup>**, at the Perkins Family Restaurant, located at 700 Mentor Avenue in Painesville. Attendees begin to gather around 8:00am Breakfast orders being taken around 8:30am. This group averages 15-20 people from all around the area. Club membership is not a requirement to attend. Meet other Hams, talk over the news of the day and maybe find a buyer for your spare equipment. Bring your significant other, or a friend, to breakfast. It is a fun gathering.

**Due to COVID restrictions, facial covering is required. Seating with the group is limited to 10. Overflow guests will be seated within general restaurant seating..**



## LCARA Board Meeting

### Board Meeting



The LCARA Board currently meets virtually. We will resume in person meeting as soon as deemed safe to do so.

Board meetings are usually held at the Tri-Point Medical Center Physicians Pavilion, lower level in Rm.1002, every 2<sup>nd</sup> Wednesday.

To find Rm. 1002 using the pavilion entrance, simply continue down the hallway into the hospital and past the food court. You may also enter via the hospital main entrance and take the elevator to the ground floor. The room is located near the main elevators.

**All members are welcome.**

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### Sell, Seek or Swap

**Equipment for Sale: by Evan Liechty, W8LSQ ([ELIECHTY@windstream.net](mailto: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.

### Upcoming Events

1/30-31	<a href="#">Winter Field Day</a>	HF	19:00-19:00 (UTC)
4/11	20 & 10 mile Drop-Run	Chardon/Fairport	06:30-14:30
4/17	National Parks Week	Garfield Home	09:00-16:00
4/24	NVIS Day	LCCHS	10:00-22:00
6/6	Hill-Yeah half marathon	Penitentiary Glen	06:30-15:00
6/13	Sunday-in-June Bike Ride	Burton	05:30-15:00
6/25	Field Day Set-Up	LCCHS	14:00-18:00
6/26-27	<a href="#">Field Day</a>	LCCHS	14:00-14:00



Since 1978

# February 2021

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
	1 ARES Net @ 7:30pm	2 Groundhog Day	3 LCARA Mtg. @ 7:30pm	4 2 Mtr Net @ 7:00pm	5	6 V E Testing @ LCHS – 12:00
7	8 ARES Net @ 7:30pm	9	10 10 Mtr Net @ 8:30pm	11 2 Mtr Net @ 7:00pm	12	13
14 Valentine's Day	15 Presidents Day ARES Net @ 7:30pm	16 3 <sup>rd</sup> Tuesday Breakfast @ Perkins	17 Ash Wednesday 10 Mtr Net @ 8:30pm	18 2 Mtr Net @ 7:00pm	19	20
21	22 ARES Net @ 7:30pm	23	24 10 Mtr Net @ 8:30pm	25 2 Mtr Net @ 7:00pm	26	27
28						

## LCARA Weekly Nets

### *Lake County ARES Net*

The ARES Net is held **weekly on Mondays at 7:30 pm on the 147.210 repeater**. This net is open to all licensed operators; you do not need to be an ARES or club member to participate. 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.

### *LCARA 2 Meter Net*

The 2 Meter Net runs **weekly on Thursdays at 7:00 pm on the 147.210 repeater**. 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 you care to share. Listen to the latest edition of the ARRL Audio News and much more. We are always looking for additional net control operators Please check in.

### *LCARA 10 Meter Roundtable*

The 10 meter Roundtable meets **weekly on Wednesdays 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. There is a good chance to connect with old friends and maybe make some new ones. This is a "Round Table" net, so anyone can start it off on 10 meters. Any questions please contact Mike, WB8ZGH.

## ***Other Weekly Nets***

### Monday

9:00 am. – 146.940 (pl 110.9) – Trivia Net

8:00 pm. – 146.940 (pl 110.9) – Geauga Emergency Amateur Radio Service 2 Meter Net (followed then by 147.435 simplex)

### Tuesday

9:00 am. – 146.940 (pl 110.9) – Trivia Net

7:15 pm – 3.902 MHz +/- (or 7.240 MHz. +/-) – ARES Ohio Emergency Preparedness Training Net

7:30 pm. – 147.015 (pl 110.9) – Swap-N-Shop

7:45 pm – Summer - 3.584.5 MHz. USB (+ 1500 Hz waterfall) – Olivia 8-500 – ARES Ohio Digital Emergency Preparedness Training Net

7:45 pm – Winter – 1.804.5 MHz. USB (+ 1500 Hz waterfall) – Olivia 8-500 – ARES Ohio Digital Emergency Preparedness Training Net

9:00 pm – 145.41/r - Cuyahoga ARES Net

9:00 pm. – 147.015 (pl 110.9) – Tri-County Traffic Training Net

9:30 pm – 145.23/r – Burning River Traffic net

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### Wednesday

9:00 am. – 146.940 (pl 110.9) – Trivia Net  
10:30 am – 3.972 – OSSB Net  
8:00 pm. – 146.850 (pl 110.9) – Quarter Century Wireless Association 2 Meter Net  
8:00 pm – 62.68 F2 /r – Skywarn 6m Net  
8:30 pm – TG 3129 – Ohio ARES DMR Net  
9:30 pm – 145.23/r – Burning River Traffic Net

### Thursday

9:00 am. – 146.940 (pl 110.9) – Trivia Net  
10:00 am – 3.872 - OSSB Net  
7:00 pm. – 146.435 simplex – ARES Ohio District 10 Net – **Monthly – First Thursday**  
8:00 pm. – 146.715 (pl 141.3) – Ashtabula Radio Club 2 Meter Net (Echolink – N8CT/L)  
8:00 pm. – 146.760 (pl 110.9) – Lake Erie ARA 2 Meter Net (back/up 146.880 – pl 110.9)  
8:00 pm. – 146.895 (pl 118.8 – Streetsboro input) – Portage County Amateur Radio Society 2 Meter Net (Echolink – K8SRR/R)

### Friday

9:00 am. – 146.940 (pl 110.9) – Trivia Net  
9:30 pm. – 147.015 (pl 110.9) – Tri-County Traffic Training Net

### Saturday

9:00 am. – 146.940 (pl 110.9) – Trivia Net  
2:00 pm - . 7.235 mHz- Swan Tech Net  
3:30 pm. – 7.235 mHz- Kenwood Hybrid Tech Net

### Sunday

8:00 am – 3.880 mHz- DX60 Net AM mode  
9:00 am. – 146.940 (pl 110.9) – Trivia Net  
4:00 pm – 3.584 mHz-USB (+1500 Hz waterfall) – ARES Ohio District Emergency Preparedness Training Net – (Olivia 8-500)  
4:00 pm. – 7.238 mHz- Drake Tech Net  
9:30 pm. – 147.015 (pl 110.9) – Tri-County Traffic Training Net

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### 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.

To receive the Patch via email in PDF format, send an e-mail to: <https://www.lcara.org/contact-us/>

*The Lake County Amateur Radio Association*

*Serving Lake County Ohio since 1978*