



## The LCARA Patch



10 METER ROUNDTABLE  
WEDNESDAY @ 20:30 HRS  
28.450 MHz

[www.LCARA.ORG](http://www.LCARA.ORG)  
<https://groups.io/g/lcarapatch>

LCARA TWO METER NET  
THURSDAY @ 19:00 HRS  
147.210/R - 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: KB8BKE  
DX: AA8OY  
History: KO8O  
Sunshine: W8DMP

### LCARA Board

Ed Kopcak	KB8BKE	President
	Vacant	Vice-President
Donna Wheeler	W8DMP	Secretary
Paul Wheeler	W8PJW	Treasurer
Joe Koskovics	N8JKO	Director at Large

### Voice Repeaters N8BC

147.210 +.600 MHz -PL tone of 110.9 Hz  
224.500 - 1.6MHz -PL tone of 141.3 Hz.  
444.650 + 5.0MHz -PL tone of 131.8 Hz.  
N8BC trustee, Bob Liddy

### Standing Committees

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

***Our next club Meeting: July 7<sup>th</sup> (Zoom)***

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## Message from the President

This article reprinted from the OSJ with the author's permission:

*From Your State Government Liaison*

*HERE WE GO AGAIN –*

*Ohio's attempt to enact a distracted driver law failed in the previous biennial legislative session (the 133<sup>rd</sup> General Assembly). This is because SB-285 was never voted out of committee before the session expired at the end of 2020. Thus, SB-285 is no more. In its place are two quite different proposals aimed to curb texting while driving which is the primary objective of these distracted driving bills.*

*The first is designated HB-111, introduced by Mary Lightbody in the Ohio House. Its stated purpose is to limit distracted driving by prohibiting the use of HANDHELD electronic wireless communication devices (EWCD) while driving. It does this by not allowing a driver to hold a EWCD to do any of the following:*

- 1) write, send or read a text-based communication*
- 2) view, play, or otherwise interact with any game or internet based content*
- 3) use or manipulate any application that is either factory installed or downloaded to the device*

*None of these activities describe the typical ham radio operation whereby we communicate by voice. Further, an EWCD is defined as a wireless telephone, a text messaging device, a personal digital assistant or a computer, including a laptop computer and a computer tablet or any other substantially similar wireless device that is **designed or used to communicate text**. Therefore, I don't believe that the passage of this bill would inhibit amateur radio mobile communications.*

*HB-111 has been referred to the House Transportation and Public Safety Committee, where the only hearing was on 21 May 2021, when Representative Lightbody testified in support of her bill.*

*The second bill (HB-283), also introduced in the Ohio House by Cindy Abrams and Brian Lampton, prohibits drivers from holding or physically supporting an EWCD with any part of the body with certain exceptions. These exceptions include voice-operated/hands free use, emergency situations, and an exemption for first responders and utility workers responding to an emergency. Interestingly, there is also an exemption for what is designated as a "single touch or single swipe policy." Such a policy would allow drivers to utilize their EWCD for minimal distraction features that only require a single swipe or touch, as long as the EWCD is not being held or supported by the individual.*

*Although it appears that HB-283 is focused on prohibiting texting, it is more broadly worded, because it **bans holding the EWCD**, period. In other words, it prohibits texting by enforcing only hands-free operation. So, is our microphone an EWCD? It is connected to our mobile rig, but in my opinion, in and of itself, it is not an EWCD. But you would have to argue that position to a peace officer, magistrate or judge.*

*HB-283 was referred to the House Criminal Justice Committee where the sponsors spoke on behalf of their bill on 20 May 2021. Then on 10 June 2021, twenty-three (23) proponents testified in favor of this bill.*

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*Both bills agree that texting while driving will become a primary offense. Presently, Ohio is one of only three states that still views distracted driving as a secondary offense (except for juvenile drivers where it is primary) which means that a police officer cannot stop you for texting unless you have committed another violation such as speeding or running a stop sign.*

*Although I believe that neither bill intends to prohibit ham radio mobile operation, it would be best to avoid arguing your case to a judge if you do get cited for talking on your radio. The Ohio Section is working with a lobbyist to help insert language in these bills that would specifically exempt FCC licensed amateur radio operators. Meanwhile, if you personally know any of these two bills' sponsors, please contact me.*

### *HELPING TO MONITOR LEGISLATION-*

*I was made aware of the above bills through ARRL Regulatory Information Manager, Dan Henderson, N1ND who advised our SM, Tom Sly, WB8LCD. I believe the League subscribes to a service that monitors proposed legislation nationwide.*

*But, I still need your input for local laws and ordinances at the county, city, village and township level. You can assist by regularly visiting your municipality's website to check on any proposed legislation that may affect our great hobby. If you come across anything suspicious, please let me know. Meanwhile, have a great and safe summer!*

73, Bob W2THU

Thanks Bob for all you do to for amateur radio.

Save the date: August 4<sup>th</sup> - LCARA Picnic & Club Meeting - 4pm till 9pm

Hope everyone has a safe and enjoyable holiday weekend.

'73

-Ed

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### Membership Meeting Minutes for June 2<sup>nd</sup>, 2021

#### 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	
Jeff – WA8SAJ	
Bill – N8WCL	
Bill – N8IJG	
Larry – WB8PHI	
Rick – W8QL	
Tom – KE8HJL	
Jack - KB8OF	

#### Meeting Minutes:

- Meeting called to order by Ed (KB8BKE) at 7:30 p.m.
- This meeting took place as an online membership meeting using the Zoom platform.
- **President** - Ed (KB8BKE) welcomed presenter for this meeting Bob (W2THU).

#### ***Presentation Highlights***

*Bob's (W2THU) presentation included valuable information on two new Ohio "Hands-Free" Bills introduced in 2021. We thank him for sharing his time, experience, and expertise with us. Bob's presentation was very detailed, interesting, and educational. Several members had questions for him.*

*Topics covered in tonight's presentation include:*

*Purpose of Ohio "Hands-Free" Bill introduced in 2020:*

- *To keep drivers from texting while driving. It didn't just call out texting. It referred to any kind of two-way communication. When this bill was introduced, it went right to the House*

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*Transportation and Public Safety Committee. Scott Yonely (N8SY), Ohio Section Manager, enlisted the help of a professional lobbyist who did a great job representing amateur radio operators and ensured an exemption was put into this bill for amateur radio operators. Unfortunately, the lobbyist is no longer available to assist in this capacity. The bill has then since expired.*

*Two new Ohio bills were recently introduced in 2021:*

- **House Bill 111:** *In January of 2021, House Bill 111 was introduced by Mary Lightbody. This bill seeks to limit distracted driving by “prohibiting the use of handheld electronic wireless communication devices while driving”. Most of us have a radio/rig in the car that is mounted in some way. This bill says a driver may not hold the wireless communication device to do any of the following:*

- 1. Write, send, or read a text-based communication.*
- 2. View, play, or otherwise interact with any game or internet-based content.*
- 3. Use, or manipulate any application that is either factory installed or downloaded to the device.*

- *None of these apply to amateur radio.*

- *Bob advises that an exemption, or exception, needs to be put into this bill related to ham radio operation. This should be the goal of all amateur radio operators.*

- *This bill is in committee at this time. A professional lobbyist is needed to communicate on behalf of amateur radio operators. If anyone knows of a professional lobbyist who works in Columbus, please contact Bob (W2THU).*

- **House Bill 283:** *This “hands-free” bill just came out. It is currently in the House Criminal Justice Committee. It is of concern to ham radio operators.*

- *House Bill 283 “prohibits individuals from holding, or physically supporting, an electronic wireless communication device”.*

- *There are exceptions for:*

- 1. Voice Operated Hands-Free Use*
- 2. Emergency Situations*
- 3. First Responders*
- 4. Utility workers who are responding to an emergency outage or circumstance that effects the health and safety of individuals*

*Additionally, the bill will implement a “single swipe” policy. It allows drivers to utilize the electronic wireless communication device for minimum distraction features that only require a single swipe, or touch, as long as it is not being held or supported by the individual.*

*Amateur Radio operators will need an exemption for that since Amateur Radio operators hold microphones.*

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*If either of the above bills passes, offenses will be considered “primary offenses”.*

- *Bob (W2THU) is looking for help:*
  1. *Lobbying the legislature*
  2. *Someone willing to testify in front of the committees.*
  3. *Amateur Radio operators to at least write letters.*

*If anyone would like to write a letter, please send Bob (W2THU) an email, he will tell you who and where to write to. The goal is to make sure there is an exemption for amateur radio operators.*

- *Bob (W2THU) mentioned the passing of Lars (Lasse) Nordgren (SM00Y) in Stockholm, Sweden. Lars was a good friend, fellow-ham, and very active. He will certainly be missed. Many people knew him. Our sympathies go out to his family and friends.*

### ***End of Presentation***

- Additions and/or Corrections to the Patch: A motion was made to accept the minutes as presented. The motion passed. There are no additions/corrections to the Patch as was issued.

**Treasurer Report:** Paul (W8PJW) reported:

- Provided a Treasurer's report.
- Renewed license plates for the trailer.

**Secretary Report:** Donna (W8DMP) reported:

- A new member packet was sent to Robert Lloyd (KE8PHH).

**Director-at-Large Report:** Joe (N8JKO) reported:

LCARA Picnic – August 4, 2021 (Daniel's Park – East Pavilion)

- Joe (N8JKO) secured permits for the use of Daniel's Park East Pavilion for the upcoming club picnic. The Daniel's Park East Pavilion is booked from 3 p.m. to 9 p.m. Additional information will be available for members in next month's LCARA Patch newsletter.

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- Joe (N8JKO) advised the group he anticipates that set up for the picnic will run from 3:00 p.m. to 4:30 p.m. The meal will begin from approximately 4:30 p.m. to 5:00 p.m. The monthly club meeting is scheduled to take place immediately following the meal.
  - An on-line registration form will be available on the LCARA website, and through the Groups.IO, for members who plan to attend this year's club picnic. If you plan to bring anything to the picnic, please be sure to add it to the form; or you can email Joe (N8JKO) directly at: [N8JKO@outlook.com](mailto:N8JKO@outlook.com). Joe will make sure it is added to the list.
  - Hamburgers, Hot Dogs and Pop will be provided by the club.

**Radio Officer Report:** Bill (N8IJG) and Ed (KB8BKE) reported:

- Bill (N8IJG) and Ed (KB8BKE) advised the group repeaters are operational at this time.

**DX:** Jim (AA8OY) reported:

- OJ0 – Market Reef - OJ0JR (OH3JR, Henry) and OJ0MR (OG2M, Pertti) will be active on six meter FT8, CW and SSB June 27 to July 4.
- 4U - United Nations - The 4U1UN station is back on the air effective 1600Z on May 24th.
- TZ – Mali - TZ4AM, Jeff, reports the antenna crew raised his 10 element 6 Meter Yagi and he is now QRV on FT8.
- FJ – St. Barthelemy - K2LIO, Phil, remains QRV daily making several contacts each day as FJ/K2LIO. He expects to remain on St. Barts until around August 5th.

**ARRL Field Day:** Jim (AA8OY) reported:

- ARRL Field Day starts on Saturday, June 26, 2021 at 2:00 p.m. and runs until Sunday, June 27, 2021 at 2:00 p.m.
- ARRL is using the same rule package as they used last year. The easiest thing to do is to go to the ARRL website and look up Field Day to get the details. There is a form to complete. LCARA has about 8 people signed up so far. Fill out the form electronically if you can.
- We will operate in the same way as we did last year. LCARA members will operate independently from whatever location he or she is at. LCARA will not be operating from the Lake County History Center site this year.



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- The club trailer will be operating as class 2A because there are two stations within 1,000 ft. of each other. One will be CW and one will be Phone.
- The people working independently from home stations using commercial power will running class D.
- Home stations running emergency power will be class E.
- Class 1D and class 1E will be allowed to work each other this year.
- We don't have any mobile or EOC stations operating this year.
- Be sure to pick appropriate power multiplier for whatever is appropriate for you. Be sure to note if you are running a generator on the form. You get bonus points for 100% emergency power.
- Most importantly when the logs are submitted at the end, please be sure to identify Lake County Amateur Radio Association exactly on the form. Doing this will allow our scores to be accumulated accurately. Scoring will be determined on that basis. Bob (K8BL) asked Jim (AA8OY) to advise the participating members on how exactly to submit the club name.
- We get bonus points for using social media. If you are operating, take a photo, and submit it to the club's Face book page or send it to Joe (N8JKO) and he will post it on Facebook for you.
- Bob (K8QXO) offered to send letters to people we would like to invite to our Field Day site/trailer (i.e., Red Cross official, Safety officer, Fire Fighter ... etc).
- Maybe next year Field Day will return to the way it was in the past. Many people worked it last year because they could work from home.

### **Lake County History Center:** Bob (K8QXO) reported:

- Nothing new to report.
- Bob (K8QXO) reminded the group of the upcoming VE testing session. Ed (KB8BKE) was asked about the possibility of gaining internet access at the Lake County History Center to accommodate future VE testing session needs.
- Ed (KB8BKE) mentioned that there will be a "Beer & Brats with Pops" event on June 12, 2021 at the Lake County History Center. There is no cost to get in.
- Bob (K8QXO) to reserve the Lake County History Center location for LCARA September and October membership meetings.

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- Ed (KB8BKE) to reserve the Tri-point location for membership meetings to take place during the remaining winter months.

### **Events Public Service:** Mike (WB8ZGH) reported:

- The Hill Yeah Half Marathon is scheduled to take place on June 6, 2021. LCARA will be operating the club trailer out of Penitentiary Glen. There will be a briefing meeting at 6:30 a.m. for those interested in participating. The run starts at 7:30 a.m. It starts and ends at Lake Farm Park. We are looking for help for this event.
- Sunday Bike Ride in June has been rescheduled from September 12, 2021. It is now scheduled to take place on September 19th due to conflicts.
- Events are being scheduled as we move into the Fall season. If you have time, stop by. There is always room for more participants.

### **Nets**

- ARES: (Joe N8JKO /Ed KB8BKE): All is well with the ARES net. All are encouraged/welcome to check in.
- 2-Meter Net: Bill (N8IJG) mentioned that the Thursday night 2-meter net will take place and will be available via YouTube on June 3rd. Feel free to stop by.
- 10-Meter Net: Mike (WB8ZGH) mentioned all is well with the 10-meter net. All are encouraged/welcome to check in on 28.450 at 8:30 p.m. on Wednesday nights. You never know who will be there. The net runs every Wednesday (except for club membership meeting evenings).

### **Sunshine**

Nothing to report.

### **Old Business**

None

## New Business

- Jeff (WA8SAJ) mentioned to the group that a fellow ham, Bill DePetris (K8QZU), passed away recently. Bill was a past President of the Indian Hills Radio club. Our sympathies go out to his family and his friends.

Meeting adjourned at: 8:56 p.m.

Donna (W8DMP)

###

## Sunshine

*by Donna Wheeler W8DMP*

- Nothing to report

###

## Backscatter for July 2021

by: *Scott Farnham KO8O*

*LCARA Historian*



### BACKSCATTER

**76 Years Ago:** The first atomic bomb was exploded in the desert near Alamogordo, New Mexico at the Trinity test site. Code-named the “Manhattan Project,” it was carried out in secret at Los Alamos, New Mexico, by a team of American and British scientists. Only 21 days after the first bomb test, a second bomb was dropped on Hiroshima, Japan on Aug 6, 1945. WW II was brought to an end by the end of the month.

**52 Years Ago:** On July 16, Apollo XI astronauts Neil Armstrong, Edwin Aldrin., and Michael Collins, blasted off from Cape Kennedy on the first manned mission to the surface of the moon.

**40 Years Ago:** Field Day, again held at Camp Stigwandish, includes a challenge with the Lake Geauga Amateur Radio Club, with the winner being the club with the highest average total points per transmitter. The loser of the contest will provide a half-keg of beer, and a case of soft drinks to be consumed by the field day participants of both clubs, and their XYL’s, at a date to be determined.

The County of Lake, in Ohio, USA, declares the week of June 21 to be Amateur Radio Week. The official document, signed by Commissioners John Platz, Michael Coffey and Robert Martin, is included in The Patch.

**35 Years Ago:** The price of an International Reply Coupon (IRC) is raised from \$.65 to \$.80.

A petition is filed with the FCC to permit commercial interests to access the 421 – 430 MHz spectrum above “Line A” in Michigan, Ohio and New York. The Private Land Mobile Radio Service Docket 86-163 seeks to permanently reallocate this spectrum in the US to commercial users.

Computer terms are defined:

COMPUTER: A device designed to speed and automate errors.

COMPUTER MAGAZINE: Where your computer stores ammunition.

EBCDIC: IBM security code. Means “Erase Backup, Chew Disk, Ignite Cards”.

**30 Years Ago:** The new remote receiver in Concord goes on the air. With more and more interference around the downtown Painesville site from high power paging transmitters, the spurious signals are too strong for the .21 input, even after removal of preamps, and installation of a crystal

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filter front end. The only solution is to put the P'ville site on PL, with the new receiver near Route 44 and I-90 filling in the gap in coverage.

**25 Years Ago:** The FCC starts issuing NP3 prefixes for Puerto Rico, and the ARRL votes not to change the status of Mt. Athos (and Monk Apollo).

Dick, VK9LH, a long-term radio sked of Dee's, W1HEO, visits Ohio from Lord Howe Island. On his way to a cruising vacation in the Caribbean, Dick and his wife Noelle meet a number of Eastern Ohio Hams.

**20 Years Ago:** LCARA's Field Day team worked hard to defend and even beat their 2000 results, when the club placed #2 in the nation in 7A.

The club roster lists 96 members, including eight joining at the June meeting.

**15 Years Ago:** Tom Brown, KB8WFD, SK

**10 Years Ago:** Field Day is reported to have had cool, dry weather for the ENTIRE weekend!

**5 Years Ago:** Bill, N8IJG has Echolink operating at his home QTH, and is working on 147.21

The "Garfield Gang" activates the James A. Garfield Home National Site as part of the NPOTA (National Parks on the Air) and nets 311 contacts.

**- Scott KO8O**

###

## DX Alert

by: Jim Pyle AA8OY



### DX Alert, July 2021

**YJ – Vanuatu** - YJ8RN, Rod, plans a trip to Marae Village on Emae Island in the Shepherd Islands, IOTA OC-111, grid RH42ex50 during the RSGB IOTA Contest weekend, which is July 24-26 Vanuatu time. Rod will be solar powered with a Yaesu FT-450, his main rig. He expects to mostly stick to FT8 on the popular frequencies. His arrival is currently scheduled for Wednesday, July 21, getting on the air by local afternoon the 22nd. Tuesday, July 27 he'll take things apart.

**BY – China** - The Chinese Radio Amateurs Club (CRAC) will have the following stations QRV during the IARU HF World Championship, July 10-11.

B6HQ 160 SSB B4HQ 20 SSB  
B5HQ 160 CW B4HQ 20 CW  
B5HQ 80 SSB B7HQ 15 SSB  
B1HQ 80 CW B6HQ 15 CW  
B1HQ 40 SSB B7HQ 10 SSB  
B5HQ 40 CW B7HQ 10 CW

**K – United States** - As the new IARU Secretary, W5ZN, Joel, will operate in the IARU HF World Championship, July 10 and 11, giving out the AC multiplier.

**UR – Ukraine** - EM60KTS will be a special call on the air from July 1 to the end of this year celebrating the 60<sup>th</sup> anniversary of the signing of the Antarctica Treaty.

**F – France** - Four special calls will be on for this year's Tour de France 21-day cycling race: TM53TDF will be June 26-July 9, QSL via F6AEW (NOT F6AES). TM66TDF will be June 26-30 and again July 3-12, QSL via F6KBR. TM84MV, "Mont Ventoux," is June 26-July 10, QSL via F5KPO. TM84TDF is June 26 to July 10, QSL via F5KPO.

**3DA0 – Kingdom of Eswatini** - Hans, 3DA0AQ is QRV on 20 to 6 meters using CW.

**5B – Cyprus** - Phil, G0FVM will be QRV as 5B4APP starting the end of June. He plans to start being active on 20 meters.

**5Z – Kenya** - Sila, AK0SK is QRV as 5Z4/AK0SK from Nairobi. Activity is on 40 to 10 meters using mostly FT8. His length of stay is unknown.

**EA8 – Canary Islands** - Special event station EG8VCAN is QRV until July 18 to support the Volcanes de Canarias award.

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**HB0 – Liechtenstein** - Leuk, HB9HBY will be QRV as HB0/HB9HBY from June 30 to July 4. Activity will be on the HF bands using CW, SSB, FT8 and FT4.

**J2 – Djibouti** - J2 - Jeje, F8FKJ is QRV as J20EE from Djibouti City until mid July. Activity is on 20 and 17 meters using CW, SSB and FT8.

Happy hunting!

~Jim, AA8OY

(Thanks to ARRL DX and Weekly DX)

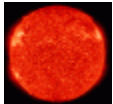
###

### **Upcoming Contests:** (from the OSJ)

July 7	VHF-UHF FT8 Activity Contest	<a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>
July 10-11	10-10 Int. Weak Signal QSO Party	<a href="http://bit.ly/1FrFeBc">http://bit.ly/1FrFeBc</a>
July 10-11	IARU HF Championship	<a href="http://www.arrl.org/iaru-hf-world-championship">www.arrl.org/iaru-hf-world-championship</a>
July 11	QRP ARCI Summer Homebrew Sprint	<a href="http://www.qrparci.org/contests">www.qrparci.org/contests</a>
July 14	VHF-UHF FT8 Activity Contest	<a href="http://www.ft8activity.eu/index.php/en">www.ft8activity.eu/index.php/en</a>
July 17-18	CQWW VHF Contest	<a href="http://www.cqww-vhf.com">www.cqww-vhf.com</a>
July 17-18	North American RTTY QSO Party	<a href="http://ncjweb.com/NAQP-Rules.pdf">http://ncjweb.com/NAQP-Rules.pdf</a>
July 18	CQC Great Colorado Gold Rush	<a href="https://tinyurl.com/4accen2c">https://tinyurl.com/4accen2c</a>
July 18	RSGB International Low Power Contest	<a href="https://tinyurl.com/cy7u4ynp">https://tinyurl.com/cy7u4ynp</a>
<b>July 24-25</b>	<b>RSGB IOTA Contest</b>	<a href="https://tinyurl.com/29m8jb3z">https://tinyurl.com/29m8jb3z</a>
July 25	ARS Flight of the Bumblebees	<a href="http://arsqrp.blogspot.com">http://arsqrp.blogspot.com</a>
July 26	RSGB FT4 Contest Series	<a href="http://bit.ly/3mCNXXH">http://bit.ly/3mCNXXH</a>
July 31-Aug. 1	Missouri QSO Party	<a href="https://tinyurl.com/fbfcw8r3">https://tinyurl.com/fbfcw8r3</a>
July 31-Aug. 1	Russian WW Multi Mode Contest	<a href="http://bit.ly/2CMbWOM">http://bit.ly/2CMbWOM</a>

## **ARRL News:**

06/25/2021 | [The K7RA Solar Update](#)



Tad Cook, K7RA, Seattle, reports: Average daily sunspot number was 14 this reporting week (June 17 – 23). [Read More](#)

06/24/2021 | [FCC Seeks Comments in Proceeding Involving 70 and 5 Centimeters](#)



The FCC is soliciting a second round of comments on whether to authorize commercial space entities to obtain licenses for frequencies used exclusively during space launch activities. [Read More](#)

06/21/2021 | [ARRL Announces Partnership with Maglite](#)



ARRL and Maglite have formed a partnership. [Read More](#)

06/21/2021 | [ARRL Email Asking Life Members to Verify their Mailing Address is Legitimate](#)



ARRL emailed Life Members on June 16, asking them to verify their mailing address. [Read More](#)

###



## Upcoming Hamfests:

**07/10/2021 - [Mansfield Mid-Summer Trunkfest](#)**

**Location:** Mansfield, OH

**Sponsor:** InterCity Amateur Radio Club

**Website:** <http://iarc.club>

[Learn More](#)

**07/18/2021 - [Van Wert Hamfest](#)**

**Location:** VAN WERT, OH

**Sponsor:** Van Wert Amateur Radio Club

**Website:** <http://W8FY.ORG>

[Learn More](#)

**08/07/2021 - [MOVARC HAMFEST](#)**

**Location:** Bidwell, OH

**Sponsor:** Mid-Ohio Valley Amateur Radio Club

[Learn More](#)

**09/12/2021 - [Findlay Hamfest](#)**

**Location:** Findlay, OH

**Sponsor:** Findlay Radio Club

**Website:** <http://www.findlayradioclub.org/hamfest>

[Learn More](#)

**09/18/2021 - [Miami County Swap Meet](#)**

**Location:** Troy, OH

**Sponsor:** Miami County Amateur Radio Club

**Website:** <http://w8fw.org>

[Learn More](#)

**07/17/2021 - [NOARSFEST](#)**

**Location:** Elyria, OH

**Sponsor:** Northern Ohio Amateur Radio Society

**Website:** <http://noars.net>

[Learn More](#)

**08/07/2021 - [2021 Columbus Hamfest](#)**

**Location:** Grove City, OH

**Sponsor:** Aladdin Shrine Audio Unit

**Website:** <http://columbushamfest.com>

[Learn More](#)

**08/28/2021 - [Cincinnati Hamfest<sup>SM</sup>](#)**

**Location:** Owensville, OH

**Sponsor:** Milford ARC

**Website:** <http://CincinnatiHamfest.org>

[Learn More](#)

**09/18/2021 - [Mound Amateur Radio Assoc. Swap Meet](#)**

**Location:** Miamisburg, OH

**Sponsor:** MARA

**Website:** <http://W8DYY.ORG>

[Learn More](#)

**09/26/2021 - [Cleveland Hamfest](#)**

**Location:** Berea, OH

**Sponsor:** Hamfest Association of Cleveland

**Website:** <http://www.hac.org>

[Learn More](#)

**10/02/2021 - 10th Annual Vette City Hamfest,  
ARRL Great Lakes Division Convention**

**Location:** Bowling Green , KY

**Sponsor:** Kentucky Colonels Amateur Radio Club

**Website:** <https://ky4bg.com>

[Learn More](#)

**10/31/2021 - Massillon (Ohio) Hamfest**

**Location:** Green, OH

**Sponsor:** Massillon Amateur Radio Club

**Website:** <http://w8np.org>

[Learn More](#)

**11/06/2021 - GARC Hamfest**

**Location:** Georgetown, OH

**Sponsor:** Grant Amateur Radio Club

[Learn More](#)

###

QRZ Radio Trivia Quiz:

On what date did the first two-way amateur television contact between the U.S. and Europe take place?

- A:** June 1, 1969
- B:** August 10, 1968
- C:** February 22, 1969
- D:** July 4, 1969

What was the first image transmitted by the earliest television prototype?

- A:** A straight line
- B:** A circle
- C:** Mickey Mouse
- D:** An indian chief wearing a headdress.

Answers on page 27

###



# HAM EXAMS IN LAKE COUNTY EVERY OTHER MONTH

The Lake County Amateur Radio Association VE Team will be holding Amateur Radio licensing exams on the following dates in 2021:

Saturday, August 7 \*

Saturday, October 2

Saturday, December 4

This bi-monthly schedule is the first Saturday of every even-numbered month (e.g., February being the second month, etc.). Testing sessions are **usually** held at the Kirtland 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 the June test session will be held at:  
Lake County Historical Society, 415 Riverside Drive, Painesville Twp.  
(Located at Riverside and Route 84, just west of Riverside High School)**

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

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To register, you will need a NCVEC 605 Form, which will be available at the test. If you would like to complete one ahead of time, be sure it is the Sept 2017 version or later. You can find it by Googling "NCVEC quick-form 605" and clicking on the url for a pdf of the form. The FCC now requests you provide a FRN, although your Social Security Number still works, at least for now. If you are new to ham radio and don't have a FRN, Google "New FRN" and follow the [apps.fcc.gov](https://apps.fcc.gov) link.

Be sure to bring **a copy of your license 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)



###

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



Mark your calendars!

The next meeting of the Tuesday Morning Breakfast Group is **July 20<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 most COVID restrictions being lifted, having facial covering may or may not be required. Seating with the group is currently limited to ten guests. Overflow guests will be seated within general restaurant seating. Check our website for the latest information.**



## LCARA Board Meeting

### Board Meeting



**The LCARA Board currently meets virtually. We will resume in person meetings as soon as it is 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 just to the right of the main elevators.

**All members are welcome.**

## Events in July

**7/22-23-24 Christmas in July @ LCCHS**

###

### Our Weekly Nets

#### *Lake County ARES Net*

The ARES Net is held **weekly on Mondays at 7:30 pm on 147.210/R – 147.255/R**. This directed net is open to all licensed amateur radio operators. You do not need to belong to ARES to participate. This net is provided for operators to verify the proper operation of their stations equipment and capabilities, should they be called upon in the event of an emergency. Volunteer to be Net Control or Alternate Net Control. Prior experience is not necessary. Training will be provided. Everyone is welcome.

#### *2 Meter Net*

The 2 Meter Net runs **weekly on Thursdays at 7:00 pm on 147.210/R**. This is an informal net. Participant discussions vary on a range of subjects for the good of the group. It's a great time to ask questions, especially for new operators. List your items related to ham radio that you want to sell or swap and mention any sunshine reports you have to share. We also present the latest weekly edition of the ARRL Audio News. We are always looking for alternate net control operators.

#### *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 chats about anything that comes to mind and rag chew about any topic or events of the day. You don't need to be a LCARA member, just have at least a Technician license and some 10 meter gear. It's an opportunity to re-connect with friends or make some new ones. Anyone can start it off so don't be shy.

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### **Other Weekly Nets**

#### **Monday**

06:00-21:00 – BRRO Packet Net – Packet BBS: [AB8M@AB8M.#CLE.OH.USA.NOAM](mailto:AB8M@AB8M.#CLE.OH.USA.NOAM) or Winlink:AB8M@winlink.org

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

7:30 pm. – Lake County ARES Training Net – 147.210 (pl 110.9) – (b/u 147.255)

8:00 pm. – Geauga Emergency Amateur Radio Service Training Net – (check in on 146.940/R - followed by 147.435 simplex)

#### **Tuesday**

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

7:00 pm – ARES Ohio District Emergency Preparedness Training Net (**voice**) (Spring/Summer/Fall) 3.902 MHz (+/-)

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

7:45 pm – ARES Ohio District Emergency Preparedness Training Net (**data**) – 3584.500 KHz. 1500 Hz waterfall-**USB** – Olivia 8-500

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

#### **Wednesday**

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

8:00 pm. – Quarter Century Wireless Association Net – 146.850 (pl 110.9)

8:30 pm. – Lake Co. ARA 10 Meter Round-Table Net – 28.450 MHz (+/-)

#### **Thursday**

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

7:00 pm. – Lake Co. ARA 2 Meter Net – 147.210 (pl 110.9)

8:00 pm. – Ashtabula Radio Club 2 Meter Net – 146.715 (pl 141.3) – (Echolink node- N8CT/L)

8:00 pm. – Lake Erie ARA 2 Meter Net – 146.760 (pl 110.9) – (back/up 146.880 – pl 110.9)

8:00 pm. – Portage County Amateur Radio Society 2 Meter Net – 146.895 (pl 118.8 – Streetsboro input) (Echolink - use- K8BF-L node #508081)

#### **Friday**

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

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

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### Saturday

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

2:00 pm -. Swan Tech Net – 7.235 MHz

3:30 pm. – Kenwood Hybrid Tech Net – 7.235 MHz

### Sunday

8:00 am – DX 60 Net – 3.880 MHz – **AM mode**

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

3:00 pm – ARES Ohio District Emergency Preparedness Training Net – 3584.5 MHz-**USB** (+1500 Hz waterfall) (Olivia 8-500)

4:00 pm. – Drake Tech Net – 7.238 MHz

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

###

### Sell, Seek or Trade

Bill Somrak < [KB8EB@cooncat.net](mailto:KB8EB@cooncat.net) >

1) Cushcraft **ATB-34** full size 4 element tri-band yagi antenna. Just taken down from tower as I am downsizing. Currently sitting on the ground in my back yard, assembled. I will give this antenna to someone for **FREE**, who is willing to disassemble it to fit their transport situation. **AND WILL USE IT.** Boom is 18 ft. long, but can separate into 3 sections. Elements vary from 28 ft. to 33 ft. but can separate into many sections .. all depends on what you have to transport it. I have 2 sets of assembly instructions that will go with it.

2) Yaesu FT-212RH 2 meter FM mobile radio (45W max). Mostly used as a Packet radio, but has seen some mobile use. Tested for power output recently, and finals are good w/manual \$35.

3) Yaesu FT-747GX HF all mode transceiver. Has full general coverage transmit & receive. Used primarily as a HF mobile rig, it can be used as a home station rig in conjunction with a suitable power supply (13.8v – 25amp) w/manual – \$250.



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**Bill Wihebrink < 440-943-1703 >**

1) Drake TR7 –Transceiver, MS7 – Speaker, WH7 – Wattmeter, PS7- Power Supply, Filters- 1.8KC, 6 KC, 500 KC Manuals & Cables

2) Drake 4 B Line T4XB-Transmitter, R4B – Receiver, MS4 - Speaker & Power Supply, Additional crystals for bands: 10, 18, 24, 27 & 28

3) Icom 275H 100 watt all mode 2 meter transceiver

4) Yaesu FT 817ND

5) Swan 350C w/Power Supply & Cables & Manuals

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.

###



Since 1978

# July 2021

Sun.	Mon.	Tue.	Wed.	Thu.	Fri.	Sat.
				1 2 Mtr. Net 7:00pm	2	3
4  Independence Day	5 LC ARES Net 7:30pm Independence Day (Observed)	6	7 LCARA Mtg. 7:30pm	8 2 Mtr. Net 7:00pm	9	10
11	12 LC ARES Net 7:30pm	13	14 10 Mtr. Net 8:30pm	15 2 Mtr. Net 7:00pm	16	17
18	19 LC ARES Net 7:30pm	20 3 <sup>RD</sup> Tuesday Breakfast	21 10 Mtr. Net 8:30pm	22 2 Mtr. Net 7:00pm	23	24
25	26 LC ARES Net 7:30pm	27	28 10 Mtr. Net 8:30pm	29 2 Mtr. Net 7:00pm	30	31

QRZ Radio Trivia Quiz Answers

On what date did the first two-way amateur television contact between the U.S. and Europe take place?

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**C:** Mickey Mouse

**D:** An Indian chief wearing a headdress.

###

## **The Amateurs Code**

By Paul M. Segal, W9EEA (1928)

### **The Radio Amateur is:**

**CONSIDERATE.....** Never knowingly operate 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.

***The Lake County Amateur Radio Association***

***Serving Lake County Ohio since 1978***

To contact us, send an e-mail to: <https://www.lcara.org/contact-us/>