



# The Spirit of '76 and '88



July

Newsletter of the  
**Lake Erie Amateur Radio Association**

2022

Carsten Lohrmann, KD8WBB, Editor



The Tuesday, July 26, 2022 LEARA Picnic Meeting will be at the Harriet Keeler Picnic Pavilion, on Chippewa Creek Drive, across from the Brecksville Nature Center, just south of Chippewa Road (Route 82), in the Brecksville Reservation of the Cleveland Metroparks. As usual, dinner will be served at 6:30 pm followed by the club meeting. The cost will be \$17 for adults and free for children under age 13 when attending with a paying adult. Advance reservations are required. When making your reservation, please indicate how many in your party are under age 13.

Reservations may be made on the club website at <http://www.leara.org>, or by calling Marv Grossman (W8AZO) at 440-248-0031. The Picnic Meeting will be catered by Mr. Mike's Catering. Please let us know if you have any special dietary needs or concerns. Reservations must be submitted by the Sunday before the meeting.

We hope to see you there.

## LEARA Meeting 2022 Picnic Meeting

### LEARA Picnic Meeting

Harriet Keeler Picnic Pavilion, on Chippewa  
Creek Drive

**July 26.**  
**6:30 p.m.**

**RSVP (CLICK) by 9:00 P.M., SUNDAY (24th)**

### The Prez Says

by Bryan Torok, N8OOF

**The June meeting** was our annual ARRL night with **Scott Yonally, N8SY**, as our guest speaker. Scott is the Vice Director of the

ARRL Great Lakes Division, and a former Section Manager for Ohio. He did his usual excellent job of updating us on the current operation of the ARRL along with lots of stats detailing the state of ham radio (and ARES) in the United States and in particularly Ohio.

For that meeting, due to Scott having another commitment, we flipped the order of the business

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OFFICERS and TRUSTEES	
<b>Bryan Torok</b> <b>President</b>	N8OOF btorok@sbcglobal.net
<b>Eric Jessen</b> VP, License Trustee	N8AUC 440-554-3057
<b>Jeff Garvas</b> Sec'y-Treasurer	N8YNR 216-496-3928
TRUSTEES	
<b>Marv Grossman</b> <b>Membership</b>	W8AZO 440-248-0031
<b>Robert Wright, II</b> Vice President	KE8CEO 216-502-1552
<b>Eddie Stevens</b> Venue	KD8FTS 440-668-7409
<b>Carl Gedeon</b> Trustee	KB8VXE kb8vxe@arrl.net
<b>Jon Anhold</b> Trustee	KM8V km8v@arrl.net
<b>Dave Andrzejewski</b> Trustee	AD8G 330-353-9754
TRUSTEES EMERITI	
<b>Al Amster</b>	W8TTY (SK)
<b>Don Raith</b>	N8DJG (SK)
<b>Fred Collins</b>	W8ADW(SK)
<b>John Radney</b>	KC8FOC(SK)
<b>Pat Shreve</b>	W8GRG (SK)
<b>Al Severson</b>	AB8P (SK)
<b>Dave Foran</b>	WB8APD (SK)
<b>Bob Winston</b>	W2THU
POINTS OF CONTACT	
<b>Robert Wright, II</b> "Sunshine"	KE8CEO 216-502-1552
<b>Bryan Torok</b> Radio Officer	N8OOF btorok@sbcglobal.net
<b>Dave Andrzejewski</b> Radio Officer	AD8G 330-353-9754
NEWSLETTER	
<p><i>The Spirit of '76 &amp; '88</i> is published monthly except in December. Contributions must be received by the 2nd Sunday of the month except on months with 5 Sundays and 5 Tuesdays when the 3rd Sunday will be sufficient.</p> <p><b>Editor:</b> Carsten Lohrmann, KD8WBB E-mail: editor@leara.org</p> <p><b>Proofreading:</b> TNX to W8AZO, N8YNR</p>	

v07/2022-07-20

## Prez cont.

part of the meeting and the program. It seemed to work out well. I wonder, how many members would prefer we make that the normal meeting order?

**The July picnic meeting** will be at the **Harriet Keeler Picnic Pavilion** in the Brecksville Reservation of the Cleveland MetroParks, the same as the last several years. The picnic will be catered by Mr. Mike with the same menu as in previous years. The cost will be \$17 for adults and free for children under age 13 when accompanied by a paying adult.

At the picnic meeting, we will also be having a hands-on foxhunting demonstration. We expect to have at least three foxes. Extra equipment and experienced foxhunters will be on hand for anyone who would like to give it a try. Of course, if you have foxhunting equipment that you'd like to try out, please bring it.

**The August meeting** is planned to be a special picnic meeting held at Bohlken Park in Fairview Park with a special program. Stay tuned for the exciting details.

**The July and August meetings will NOT be presented over Zoom.** Please share the meeting info on any nets you might be on, with other Ham Radio clubs, and with anyone who you think might be interested in our meetings. Attendees DO NOT need to be members of LEARA or even Hams.

**The September and October meetings** will be at restaurants, likely My Friends, Kumo, or Fuji Grill Buffet, venue to TBD. **The November holiday meeting** is planned to be at Teamz in Middleburg Heights.

The Lake Erie Amateur Radio Assn., Inc., **LEARA**, is a not-for-profit [501(c)(3)] organization dedicated to Amateur Radio and Public Service. Club information packets and applications for membership are available from **Marv Grossman, W8AZO, 440-248-0031**, or may be downloaded from our web site at [www.leara.org](http://www.leara.org). Annual membership is \$25.00.

**LEARA's address** is: LEARA, P.O. Box 22823, Beachwood, OH 44122-0823.

**LEARA** is an **ARRL**-affiliated club. When you join or renew the **ARRL**, **LEARA** benefits monetarily if you do so through the club. Send **ARRL** Applications/renewals to LEARA, P.O. Box 22823, Beachwood, OH 44122-0823. Make the check payable to **LEARA**, not the **ARRL**.

**Membership Meetings** are held the last Tuesday of each month (except December and June) at a Cleveland-area restaurant to be announced each month in the newsletter or, if situation requires, in a virtual conference meeting online. The LEARA newsletter usually arrives near the middle of the month. Locations for dinner may vary and often require a reservation. Those interested in dinner should arrive around 6 p.m. The meeting begins at 7:30 p.m. Meetings are open to all interested persons. You may attend without eating.

**Trustees' Meetings** are on the second Saturday of odd numbered months. Meetings are open to all current members of LEARA. **Locations are subject to change.** Trustees meet at one of the Cuyahoga County Public Library branches or in a virtual conference room online.

Contact a trustee or check the website at [www.leara.org](http://www.leara.org) for details.

## Prez cont.

**New Sunshine Chair Volunteer:** In previous newsletters, I mentioned that we were looking for someone to handle Sunshine for the club. I am pleased to announce that Robert Wright II, KE8CEO, has volunteered to be the Sunshine reporter. If you know of someone in the LEARA community who is under the weather or dealing with the illness or death of a family member, you may contact Robert at 216-502-1552.

**Trustee Nominations are Open:** Any member interested in running for Trustee or nominating another member should contact, **Eddie Stevens, KD8FTS**, and/or **Robert Wright, KE8CEO**. One must have been a member of LEARA for the preceding 12 months in order to be nominated. This would be a good year to run as we expect to have at least one opening on the board at the end of this year. Robert has told me that he plans to start calling members and twisting some arms. So you may be hearing from him.

**Delayed/Missing Emails:** LEARA has been experiencing problems with emails sent to the Trustees list and the LEARA News list either not being delivered or being delayed for periods of time from minutes to more than 24 hours. LEARA is not alone in having these types of problems. Other organizations that we are aware of have also experienced delays or suddenly had their mailing lists stop working.

The Trustees, particularly **Jeff, Dave, John, and Eddie**, have been working to move the LEARA mailing lists elsewhere. Dave has moved the Trustees list to groups.io but that may not be the best solution for the general LEARA news mailing list. We hope to have it all sorted out within the next couple of weeks.

**New Online Technician Class:** Eric, N8AUC, brought to our attention that there is a new online Technician class which started Monday, July 18. Classes will run Mondays and Wednesdays from 7 PM to 9 PM. If you know of anyone wanting to get licensed, please refer them

to Eric. Even if they missed the first class or two, I'm guessing they can still join. Following the completion of the classes, NOARS will be having a VE session. For more info contact **n8auc@yahoo.com**.

**Until next month**, talk on the radio and use the repeaters. Check into one of the many nets available on the LEARA repeaters. Join us on the air, online, or in person. If you don't feel safe meeting in person due to the pandemic, we understand. But, we really want to see or at least hear from you, even if it is only by Radio or Zoom.

Puzzle 7 (Medium, difficulty rating 0.50)

		7		5			2	
				9	7	1		
3								5
	3	6	5		9		8	2
	4						5	
2	7		3		4	9	6	
7								3
		2	6	3				
	5			2		6		



## LEARA "On the Air"

### Club Net Information by Carl Gedeon, KB8VXE

The **Thursday Club Net** is held 8 p.m. on our 146.760 (or 146.880 backup) MHz (-600 kHz offset, PL 110.9) repeater. All nets will be

held on this repeater. Please use it and notify any trustee of any troubles or issues.

June 2022 Checkins					
AABCL	Carmen	KD8FTS	Eddie	N8DA	Dean
AB8UM	Mike	KD8YDG	Bill	N8JIW	Don
AC8JR	Andy	KE8ADV	Tony	N8QMK	Mike
K2WJS	BILL	KE8CED	Robert	N8RKE	Larry
K8CVM	Chuck	KE8NNC	Brian	N8UPZ	Bill
K8EHP	Mike	KE8QLZ	Jim	N8WHR	Mike
K8IDI	Rene	KG8DN	Ken	N8WNR	Mike
K8SHB	Joel	KM4UNY	Dustin	WBIE	Ed
KA8JOI	Robert	KM8V	Jon	WB8NIN	Mike
KB8VBR	Leone	N8ACP	Chris	WA8ZHN	Jim
KB8VXE	Carl	N8AGM	Tom	WB8TOP	Tim
KC8FQV	Mark	N8AHS	Fred		
KD8AJZ	Rich	N8AUC	Eric		

Remember if you missed a net, check out the web page for a recap of the trivia and discussion questions.

For July, August and September, the tentative scheduled NCOs are:

Please check the website for current assignments.

--- click ---

NCOs	AB8UM	MIKE	KG8DN	KEN
	K8SAS *	STEVE	KM8V	JON
	KB8VXE	CARL	N8AUC	ERIC
			WBIE	Ed

\*Short time leave \*\*Long term leave

## The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April through September. Should the National Weather Service issue a severe weather alert, a Skywarn net will be started on the 146.760 repeater.

Practice Nets are held 8:30 PM every Wednesday evening on the 146.76 repeater. A short simplex net is held on afterwards on 146.475.

Visit [www.ccskywarn.org](http://www.ccskywarn.org) for more information and training sessions.

An On-Line Storm Spotter training video from the NWS is available at

<https://www.facebook.com/NWSCleveland/videos/858879174941020/>

## ARES

ARES nets are held every Tuesday (except the third Tuesday of the Month) at 8PM on 145.410 (+)110.9. A simplex net will be held afterwards. ARES meetings are in the meeting room at the Helwig Whistle Stop 599 West Bagley Rd. Berea, OH. at 7PM the third Tuesday of each month. More info about ARES can be found at [www.n8esg.org/ares](http://www.n8esg.org/ares).

There is a new ARES DMR practice net. It is scheduled for Thursdays, 7:30PM on talk group 31395.

## Thursday Net NCOs

Do you know K2??? How about ??UPZ? A great way to learn who these voices belong to is to be a net controller! Consider being a net controller.

It's an easy to learn job that is very important in emergencies.

We look forward to your participation!

Carl, KB8VXE, E-Mail: [kb8vxe@arrl.net](mailto:kb8vxe@arrl.net)

## Sunshine

Mike Sigelski K8EHP is undergoing surgery July 20 for a knee replacement. We wish him a speedy recovery (The soccer team needs him back). Ken Kane KG8DN is back from his surgery, and Mike Coleman AB8UM has returned from his illness. Both are returning to their net duties.



## Volunteer Exam Dates and Locations

from [www.arrl.org](http://www.arrl.org)



Due to the Coronavirus outbreak, please verify with your VE team that the exam session is being held.

**08/06/2022 | [Kirtland OH 44094-8500](#)**

**Sponsor:** Lake County ARA

**Location:** Kirtland Library

**Time:** 12:00 PM (Walk-ins allowed)

[Learn More](#)

**08/11/2022 | [Cuyahoga Falls OH 44221](#)**

**Sponsor:** Cuyahoga Falls ARC

**Location:** Cuyahoga Falls Library

**Time:** 6:30 PM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

**09/11/2022 | [Independence OH 44131](#)**

**Sponsor:** Cuyahoga ARS

**Location:** Old Elmwood Recreation Center

**Time:** 9:15 AM (Walk-ins allowed)

[Learn More](#)

**09/17/2022 | [Cuyahoga Falls OH 44221](#)**

**Sponsor:** Cuyahoga Falls ARC

**Location:** Cuyahoga Falls Library

**Time:** 10:30 AM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

**10/01/2022 | [Kirtland OH 44094-8500](#)**

**Sponsor:** Lake County ARA

**Location:** Kirtland Library

**Time:** 12:00 PM (Walk-ins allowed)

[Learn More](#)

## Upcoming Hamfests and Conventions

from [www.arrl.org](http://www.arrl.org)



Due to the Coronavirus outbreak, please verify the websites of the hamfests and conventions if the event is being held.

**09/25/2022 - [Cleveland Hamfest](#)**

**Location:** Berea, OH

**Type:** ARRL Hamfest

**Sponsor:** Hamfest Association of Cleveland

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

[Learn More](#)

**10/30/2022 - [Massillon Hamfest \(OH\)](#)**

**Location:** Green, OH

**Type:** ARRL Hamfest

**Sponsor:** Massillon Amateur Radio Club

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

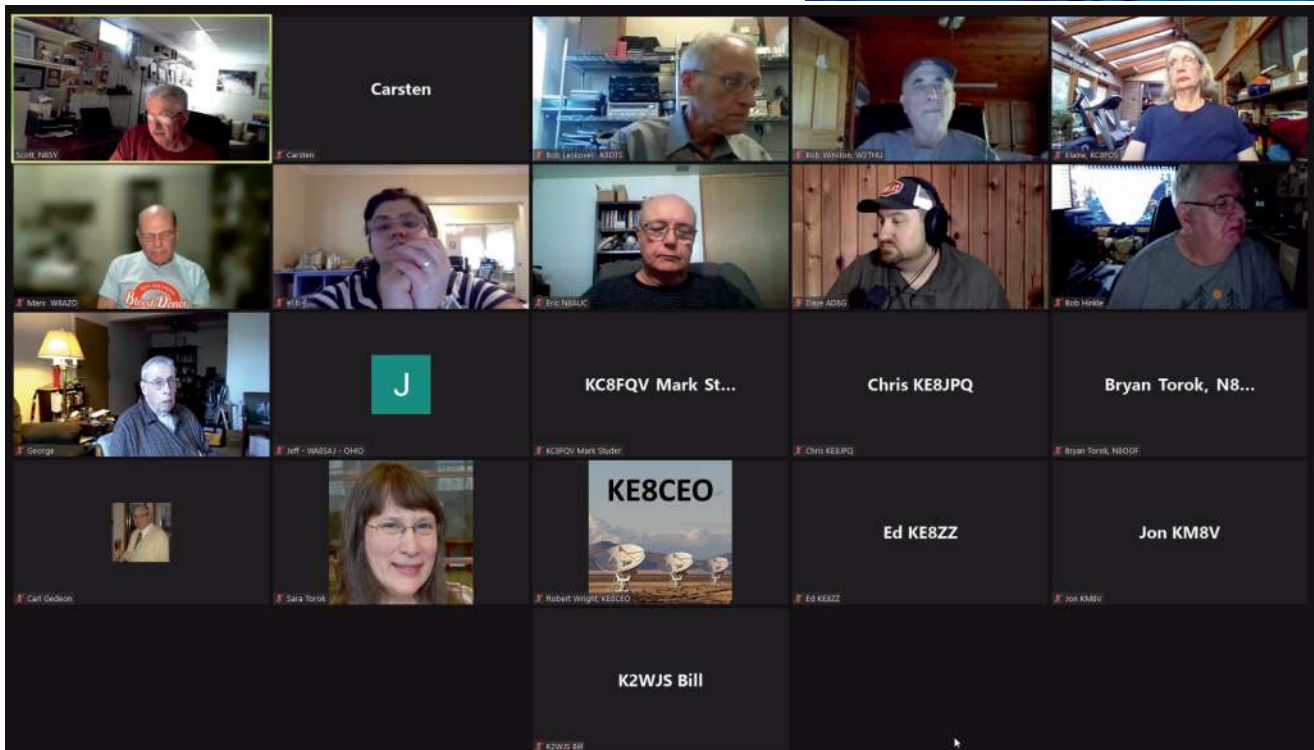
[Learn More](#)

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# ARRL Night

Scott Yonally, N8SY  
Vice Director of the ARRL Great Lakes Division  
from June 28, 2022



**LAKE ERIE AMATEUR RADIO  
ASSOCIATION  
TRUSTEES' MEETING MINUTES**

Saturday, 9th July 2022, held  
virtually in a Zoom Video Conference  
(Subject to Revision)

**Attendance:**

Bryan Torok, N8OOF; Eric Jessen, N8AUC;  
Marv Grossman, W8AZO; Robert Wright,  
KE8CEO; Eddie Stevens, KD8FTS; Carl Gedeon;  
KB8VXE; Jon Anhold, KM8V; Dave  
Andrzejewski, AD8G

**Excused:**

Jeff N8YNR, Carsten Lohrmann, KD8WBB

**Members:**

Ron Hollas, K8RJH

**1. Call to Order**

The president called the meeting to order at 9:30 a.m. In the absence of the Secretary, the President recorded the minutes. The Trustees recognize and thank the Hamfest Association of Cleveland for the use of Zoom.

**2. Confirmation or revision of agenda order:**

There were no changes to the published agenda.

**3. May Board Meeting Minutes:**

Motion by Eric, seconded by Dave, May Minutes approved without correction.

**4. Treasurer's Report**

provided via e-mail by Jeff N8YNR - No relevant change; still reasonable well filled.

**5. Membership Report:**

Marv Grossman, W8AZO; 136 current members.

**6. Venue Chair's Report / Discussion:**

Eddie, KD8FTS reports that there has been no change in the restaurant situation that he is aware of since the last trustees meeting. The July picnic meeting will be at Harriet Keeler Picnic Pavilion in the Brecksville Reservation of the Cleveland MetroParks, the same as the last several years. The picnic will be catered by Mr. Mike with the same menu as in previous

years. It is expected that the price will increase. The trustees agreed the club will subsidize a portion of the increase pending the details of the actual price.

The August meeting is planned to be a special picnic meeting held at Bohlken Park in Fairview Park with a special program. The September and October meetings will be at restaurants, likely My Friends or Kumo, TBD. The November holiday meeting is planned to be at Teamz in Middleburg Heights.

**7. Upcoming Programs:**

Eric, N8AUC reported that the July meeting will be the picnic. It was suggested that we may have a foxhunting demonstration.

**8. Net Report & Sunshine:**

Carl Gedeon, KB8VXE, reported: Mike Cegelski, K8EHP, is going to have a knee replacement Wednesday, 7-20-2022. Ken Kane, KG8DN, has undergone a carpal tunnel operation and will be returning back to Net duties soon. Mike Coleman, AB8UM, is past his illness and returning to Net duties also. (President's note: Since the meeting, Robert Wright II, KE8CEO, has volunteered to be the Sunshine reporter.)

**9. Technical Committee Report:**

Dave Andrzejewski, AD8G, reported that 444.700 is working and configured to repeat DStar, DMR, and Fusion. It needs to be registered for DMR/P25.

**10. Report of Nomination Committee:**

Eddie Stevens, KD8FTS and Robert Wright II, KE8CEO: Nothing to report. Robert will be calling members listed in the roster. Anyone wanting to nominate a candidate or be nominated themselves should contact Eddie or Robert.

**11. Old Business:**

None

**12. New Business:**

Jeff Garvas, N8YNR, has stated that he would like to be relieved as Treasurer/Secretary by

... continue bottom of page 8

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>24</b> <b>Pan Ohio Hope Ride</b>  <b>July</b>	<b>25</b>	<b>26</b> 6:30p.m. <b>LEARA PICNIC meeting</b> 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	<b>27</b>	<b>28</b> 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	<b>29</b>	<b>30</b>
<b>31</b>  <b>August</b>	<b>1</b>	<b>2</b> 8 a.m. - 12 p.m. Burke Airport Drill 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	<b>3</b>	<b>4</b> 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	<b>5</b>	<b>6</b> 6 a.m. - 4 p.m. MS150 Buckeye Breakaway
<b>7</b> 6 a.m. - 4 p.m. MS150 Buckeye Breakaway	<b>8</b>	<b>9</b> 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	<b>10</b>	<b>11</b> 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	<b>12</b>	<b>13</b>
<b>14</b> 12 a.m. Fairport Half Marathon	<b>15</b>	<b>16</b> 7:00 p.m. ARES <b>Meeting</b> 7:45 p.m. OHDN	<b>17</b>	<b>18</b> 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	<b>19</b>	<b>20</b> 6 a.m. - 1 p.m. Tri CLE Run
<b>21</b>	<b>22</b>	<b>23</b> 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	<b>24</b>	<b>25</b> 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	<b>26</b>	<b>27</b> 6 a.m. Bike CLE Fundo
<b>28</b>	<b>29</b>	<b>30</b> 6:30p.m. <b>LEARA meeting</b> 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	<b>31</b> Geauga County Fair	<b>1</b> 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	<b>2</b> Geauga County Fair  <b>September</b>	<b>3</b> Geauga County Fair

the end of the year or sooner if a suitable replacement(s) can be found.

Dave, Jon, and Eddie will be exploring options and transitioning.

### 13. Delayed/Missing Emails:

Recently, it was noted that LEARA has been experiencing problems with emails sent to the Trustees list and the LEARA News list either not being delivered or being delayed for periods of time from minutes to more than 24 hours. Eddie, KD8FTS, suggested LEARA set up an account with Microsoft (MS). As a non-profit entity, LEARA can receive free email service and free access to other MS products. Jeff,

### 14. New Online Technician Class:

Eric, N8AUC, announced that there is a new online Technician class starting Monday, July 18. Classes will run Mondays and Wednesdays from 7 PM to 9 PM. For more info contact n8auc@yahoo.com

### 15. Adjournment:

Motion by Eric and seconded by Marv, motion carried at 1013 hours EDT.



## Public Service Events

**Mat Nickoson KC8NZJ**

Event Support Group Founder



**Event  
Support  
Group**



### MS 150 Buckeye Breakaway

From Jeff Garvas N8YNR: Major changes are coming this year to my favorite event that I started volunteering for in 1993. If you'd like to come out to the MS150 this year (August 6-7, 2022) we can really use your help.

We are back to a two-day event. We are going back to Sandusky this year (and starting in Berea). If you drive a SAG vehicle we will refund your actual consumed fuel. We will have a route that STARTS from the finish. This is going to require us to find some extra SAG vehicles. Please tell your friends who might SAG. Please feel free to share the event details on any regular nets you attend, post the signup link above on your social media, etc. - Jeff N8YNR

**SIGN UP**

### Cuyahoga ARES Meeting

The Cuyahoga County ARES meeting will be next Tuesday, July 19th, from 7P to 9P in Berea. The discussion topic will be a very high level overview of DMR. NOT a programming workshop. We will also discuss the amateur radio station at the VA hospital in Cleveland. We are currently working to build a team of people to help operate the station. The meeting will be held at the Helwig Whistle Stop in Berea 599 W. Bagley Rd. Go through the main entrance under the awning, up the stairs, down the hall to the left and enter the first door on the right. Call us on 147.480 if you need assistance.

For those who can't make the meeting, please connect remotely via Zoom using the link below.

Join Zoom Meeting

[https://us06web.zoom.us/j/81357264354?](https://us06web.zoom.us/j/81357264354?pwd=czJNeTJuQU11ZHdXSTNHVUpOeUxoUT09)

[pwd=czJNeTJuQU11ZHdXSTNHVUpOeUxoUT09](https://us06web.zoom.us/j/81357264354?pwd=czJNeTJuQU11ZHdXSTNHVUpOeUxoUT09)

Meeting ID: 813 5726 4354

Passcode: 245238

### Tri CLE Triathlon

We still need LOTS of people for the Tri Cleveland Triathlon on August 20th. We will need a SAG vehicle, people in the transition areas, start/finish, and along the course. This is usually a quick event so you should be done by about noon to enjoy the rest of your day.

**SIGN UP**

### Bike Cleveland Fundo

We still need LOTS of people for the Bike Cleveland Fundo on August 27th. We will provide SAG vehicle support for the event. All you need is a bike rack and a willingness to give people rides. That's it. The ride consists of 10, 30, and 60-mile routes across Cleveland. Please sign up if you can!

**SIGN UP**

As always, you can sign up for any of these events by visiting the Event Support Group website at [www.n8esg.org](http://www.n8esg.org) and clicking on the Event Calendar tab. Each event has a link to direct you to that event's registration page.

## FCC Legacy CORES System to be Retired

07/07/2022 - from: <http://www.arrl.org/news/fcc-legacy-cores-system-to-be-retired>

The Federal Communications Commission (FCC) will retire the Legacy version of its COmmission REgistration System (CORES) on July 15, 2022. CORES is the FCC's public-facing database that enables and tracks certain types of FCC and FCC applicant actions, including amateur radio applications and licenses. Its implementation has enabled routine amateur applications and licenses to be issued overnight instead of over weeks, as was the case with earlier methods. ARRL The National Association for Amateur Radio® advises the amateur radio community to transition to the updated version of CORES as soon as possible.

In essence, CORES is designed to identify those who hold certain types of FCC licenses and FCC authorizations, including amateur licenses, and organize them in an easily accessible manner under a common FCC Registration Number (FRN) regardless of whether one holds a single such authority or thousands. The new CORES, in addition to assigning individual FRNs, allows holders of multiple FRNs to aggregate them

under a single account where the licenses and authorization, fees and payments, and related actions can be administered from within the same account.

In effect, new CORES can be conceptualized as an electronic interactive file folder. The updated version of CORES has been available since 2016, and now its use will be mandatory for all amateur licensees when submitting amateur-related applications.

Starting on July 15, 2022, the Legacy CORES website will re-direct users to the Commission's updated CORES site. Although some functionalities in the old system will continue to work for a short time, the FCC has urged all users to transition to the updated CORES system to take advantage of its enhanced security and functionality.

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Additional information is available on the FCC website or by calling the FCC Licensing Support Center at (877) 480-3201, Option 4, and on the FCC's e-support page.

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## LEARA — The Lake Erie Amateur Radio Association

More than **50 YEARS** of Serving Greater Cleveland Since 1969

### VOICE REPEATERS:

146.76/R-	• Highland Hills	(Requires 110.9 Hz tone)
146.88/R-	• Lakewood	(Requires 110.9 Hz tone)
224.90/R-	• Lakewood	(Requires 141.3 Hz tone)
444.40/R+	• Macedonia	(Requires 131.8 Hz tone) (Offline)
444.70/R+	• Lakewood	<b>Digital System Fusion</b> & Analog (Req. 131.8 Hz tone)

### INTERNET:

- [www.leara.org](http://www.leara.org)
- To subscribe via e-mail, send a message to: **spirit76-request@leara.org**  
Put "**subscribe**" in the subject area and your name and call sign in the body.  
Those who subscribe via e-mail will not receive a paper copy of the newsletter.