



# The Spirit of '76 and '88



Newsletter of the  
**September Lake Erie Amateur Radio Association 2025**  
Carsten Lohrmann, KD8WBB, Editor

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## The Prez Says

by Bryan Torok, N8OOF



**The August meeting** was our annual picnic meeting at the **Kiwanis Pavilion** in **Independence Ohio**. As in previous years, the food was provided by **Mister Mike's** catering. We had burgers, all-beef hot dogs, and fried chicken with potato salad and baked beans for sides. Soft drink beverages were included. It was all-you-eat, with several people going back for seconds and some people went home with leftovers.

**The September Meeting** program will be "**Ham Radio and the Law**" presented by **Bob Winston, W2THU**. In particular, Bob will be informing us about the reintroduction of the Amateur Radio Emergency Preparedness Act. The bipartisan bills — [H.R.1094](#) in the House and [S.459](#) in the Senate — are designed to prevent restrictive homeowners' association (HOA) rules that currently prohibit or severely limit the installation of amateur radio antennas. We all need to get behind and push for passage of these bills.

## LEARA Monthly Meeting Ham Radio and the Law

**My Friends Restaurant**  
11616 Detroit Rd.  
Cleveland, Ohio 44102

**September 30, 6:30 p.m.**



**Click or scan  
QR code to RSVP**

**The September meeting** will be at **My Friends Restaurant**, 11616 Detroit Rd., Cleveland, Ohio 44102. Because we are ordering off their menu, reservations are not strictly required, but are appreciated so we can let the restaurant know how many places to set. You may make your reservation on the website, <https://www.leara.org/dinner-reservation> or by calling **Marv Grossman, W8AZO**, at (440) 248-0031. Come out for the food, and the camaraderie.

**Future Meetings:** The October meeting will be at The Firehouse Grille & Pub in Willoughby Hills. While the program has yet to be determined, the meeting will include the LEARA

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**Prez cont.**

<b>OFFICERS and TRUSTEES</b>	
<b>Bryan Torok</b> <b>President</b>	<b>N8OOF</b> btorok@sbcglobal.net
<b>Eric Jessen</b> VP, License Trustee	<b>N8AUC</b> 440-554-3057
<b>Eddie Stevens</b> Treasurer	<b>KD8FTS</b> 440-668-7409
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<b>Marv Grossman</b> Membership	<b>W8AZO</b> 440-248-0031
<b>Robert Wright, II</b> Vice President	<b>KE8CEO</b> 216-502-1552
<b>Eddie Stevens</b> Venue	<b>KD8FTS</b> 440-668-7409
<b>Jeff Garvas</b> Public Information	<b>N8YNR</b> 216-496-3928
<b>Carl Gedeon</b> Trustee	<b>KB8VXE</b> kb8vxe@arrl.net
<b>Jon Anhold</b> Trustee	<b>KM8V</b> km8v@arrl.net
<b>Dave Andrzejewski</b> Trustee	<b>AD8G</b> 440-220-2064
<b>TRUSTEES EMERITI</b>	
<b>Al Amster</b>	<b>W8TTY (SK)</b>
<b>Don Raith</b>	<b>N8DJG (SK)</b>
<b>Fred Collins</b>	<b>W8ADW(SK)</b>
<b>John Radney</b>	<b>KC8FOC(SK)</b>
<b>Pat Shreve</b>	<b>W8GRG (SK)</b>
<b>Al Severson</b>	<b>AB8P (SK)</b>
<b>Dave Foran</b>	<b>WB8APD (SK)</b>
<b>Bob Winston</b>	<b>W2THU</b>
<b>POINTS OF CONTACT</b>	
<b>Robert Wright, II</b> "Sunshine"	<b>KE8CEO</b> 216-502-1552
<b>Bryan Torok</b> Radio Officer	<b>N8OOF</b> btorok@sbcglobal.net
<b>Dave Andrzejewski</b> Radio Officer	<b>AD8G</b> 440-220-2064
<b>NEWSLETTER</b>	
<p><b>The Spirit of '76 &amp; '88</b> 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>	

v10/2025-01-01

annual election of Trustees.

The November meeting will be at Teams in Middleburg Heights and will be LEARA's annual Holiday meeting with games, drawings, and prizes. If you have any suggestions of what you would like to see or do at the meeting, please email me or contact any of the Trustees.

As always, if you have any suggestions for meeting programs, please contact **Eric Jessen, N8AUC**, or me. Contact info is on page 2 in the column to the left.

**Trustees Election:** For the last several years the number of members running for the position of Trustee has equaled the number of Trustee openings. Therefore, we have not held an election in several years. This year, we are fortunate to have two more candidates running than we have openings. Both are extremely qualified for the position. One has been a LEARA Trustee in the past. The other candidate is well known to the Trustees, is also very well qualified, and has held leadership positions in several other ham radio organizations.

The Bio/Resumes for each of the candidates appears elsewhere in this newsletter and will also be available online at a later date. I urge you to carefully review their information so that you will be prepared to vote for the candidates you believe will be best for the organization. The election will be conducted in October via an online service. Paper ballots will also be available for those unable to access the online site.

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.

Go to [https://www.leara.org/files/ARRL\\_via\\_LEARA\\_Appl\\_Instructions.pdf](https://www.leara.org/files/ARRL_via_LEARA_Appl_Instructions.pdf) and follow the instructions therein.

**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.

The **Amateur Radio Meet and Greet Potluck** multi club event was earlier this month in the Cleveland MetroParks in Parma, Ohio. The event was a well-attended potluck with about 40 attendees. The door prizes included three 12 VDC power supplies, three dual-band HTs (including a Yaesu FT-40DR analog/Fusion), several DX Engineering gift cards, and other items. It was a great time meeting and talking with hams from other clubs and areas.

**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 for a Saturday morning Trustees meeting. Join us on the air, online, or in person. We really want to see or at least hear from you, even if it is only by radio or Zoom.

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## I (Ed, W8IE) have the following items for sale:

### Icom IC-7000

(HF/6M/2M/440) with remote cable and AB5N upgraded microphone. \$850

### Icom IC-7100

(HF/6M/2M/440) with remote cable. \$850

### Icom IC-7300

(HF/6M SDR) with PTRX-7300v2 (not installed). \$850

### Connect Systems CS-800

UHF DMR/Analog Mobile. \$100/each

Local sale preferred, shipping would be extra.

Email [edrivers@ameritech.net](mailto:edrivers@ameritech.net) for information or pictures.

Thank you,  
**Ed, W8IE**

## Volunteer Exam Dates and Locations

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

**09/28/2025 | [Berea OH 44017-2043](#)**

**Sponsor:** Cleveland Hamfest

**Location:** Cuyahoga County  
Fairgrounds in Berea

**Time:** 11:30 AM (Walk-ins allowed)

[Learn More](#)

**10/04/2025 | [Kirtland OH 44094](#)**

**Sponsor:** Lake County ARA

**Location:** Kirtland Library

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

[Learn More](#)

**10/15/2025 | [Cuyahoga Falls OH 44221](#)**

**Sponsor:** Cuyahoga Falls ARC

**Location:** Cuyahoga Public Library

**Time:** 6:30 PM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

**11/01/2025 | [Fairview Park OH 44126](#)**

**Sponsor:** Northern Ohio Amateur  
Radio Society

**Location:** Fairview Park Library

**Time:** 10:00 AM (Walk-ins allowed)

[Learn More](#)

**11/09/2025 | [Independence OH 44131](#)**

**Sponsor:** Cuyahoga ARS

**Location:** Old Elmwood

Recreation Center

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

[Learn More](#)



## 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.

August 2025 Check-Ins 20				
K2WJS	BILL	KE4ZYQ	Joe	N8RKE Larry
K8EHP	Mike	KE8CED	Robert	W8IE Ed
KA8JOY	Robert	KE8DOT	Tom	W8IXY Ted
KB8VBR	Leone	KF8DGD	Bill	W8JMI Bryan
KB8VXE	Carl	KF8DYE	Michael	WA8AWD Bob
KC8FQV	Mark	N8AHS	Fred	WA8ZHN Jim
KC8MRC	Bob	N8AUC	Eric	

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

The tentative  
scheduled  
NCOs  
for the next  
Nets are:

Please check  
the website for  
current  
assignments.

--- click ---

Net Control Schedule			
09/25/25	Ed	W8IE	
10/02/25	Eric	N8AUC	
10/09/25	Jim	WA8ZHN	
10/16/25	Carl	KB8VXE	
10/23/25	Ed	W8IE	
10/30/25	Ed	W8IE	
11/06/25	Eric	N8AUC	
11/13/25	Jim	WA8ZHN	
11/20/25	Carl	KB8VXE	
11/27/25	fault	fault	

NCOs	KB8VXE	Carl	W8IE	Ed
	KM8V*	Jon	WA8ZJN	Jim
	N8AUC	Eric		

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

## The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April thru September. Practice nets are held Wednesday evenings at 8:30 p.m. on the 146.76 repeater. With a simplex net to follow on 146.475. Should the National Weather Service issue a severe storm warning for Cuyahoga County, a weather net will be brought up on the 146.76 repeater.

Visit <https://n8esg.org/skywarn/> for more information and training sessions.

Information about Cleveland Weather operations can be found at <https://wx8cle.org/>

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

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

## ARES

ARES nets and meetings 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).

## Sunshine

Bill Downie N8UPZ has been ailing and is now in home hospice.

Please contact Robert Wright ([ke8ceo@leara.org](mailto:ke8ceo@leara.org)) with information.



## Trustees Election Candidates

### Jeff Garvas, N8YNR

Jeff Garvas, N8YNR, has been licensed since age 16 and an active member of LEARA for more than three decades. He joined the board in the 1990s and has served in multiple leadership roles, including Secretary and Treasurer. Over the years Jeff has made significant contributions to the organization: he helped design LEARA's first IRLP system, re-ignited the LEARA net more than 20 years ago (which continues to this day), and played a key role in both modernizing LEARA's bylaws and securing 501(c)(3) non-profit status.

Professionally, Jeff works for Verizon (formerly Alltel) as a Distinguished Engineer in IT Network & Unified Communications Planning & Design, specializing in contact center telephony and unified communications. He holds several Cisco certifications and brings extensive IT and communications expertise to LEARA's board.



Jeff's commitment to public service in amateur radio goes back to the very first year he was licensed, when he volunteered in a medical vehicle for the Pedal to the Point bike tour. For more than 30 years since, he has coordinated event communications for the National Multiple Sclerosis Society's Buckeye Chapter, leading the amateur radio teams that ensure safety and reliability for thousands of riders. In recent years, his persistence directly influenced the Society to return the ride to Sandusky, establish a partnership with Cedar Fair, and restore the historic Pedal to the Point name.

Beyond amateur radio, Jeff has a record of leadership in civic and community organizations. He was one of the founders of Ohioans For Concealed Carry, a statewide non-profit formed in 1999, which successfully advanced legislative reforms and defended state law in the courts. In 2019, Jeff was elected to Macedonia City Council, where he was re-elected in 2023 and currently serves as President of Council.

Jeff lives in Macedonia with his wife Lori (KC8MYE) and their daughter Jessica, a proud Buckeye and student at THE Ohio State University.

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### Jim MacMillan, WA8ZHN

Rocky River since 1985,  
Licensed 58 years (11/17/67)

LEARA member > more than 40 years, former  
LEARA trustee

Former Lorain County ARA member: helped  
build 147.15 repeater

AMATEUR EXTRA CLASS, FCC GROL/  
commercial Radio Telephone Operator 1973  
NASA GRC 29 years industrial automation and  
instrumentation; retired 2021

Active on VHF since 1968. HF 75m-10m.  
SSB CW A.A.S. LCCC 1972, B.S.E.T. CSU 1975

Grew up in a Ham family: Dad W8ZEQ, (SK),  
XYL GAIL WD8EHL, Son Todd W8ZEQ



## Carl Gedeon, KB8VXE

I've been a Clevelander all my life. I graduated Cleveland State University with a Bachelor Degree in Electrical Engineering. I worked at Picker Briggs, a division of Picker X-ray

designing hospital communications, patient nurse-call systems, intercoms, and radio paging. Our group designed one of the first computerized nurse call system using the Intel 8008 chip. Later I moved on to several other companies over time working in manufacturing, fire and security and control's system integration in material handling and controls for stand alone machine lubrication.

I have always been interested in listening to VHF and aircraft radio before scanners came out.

When the Gulf War started I picked up an ICOM-R71A at the Cleveland Hamfest. I was first licensed as a tech in 1994 as a Tech Classification in 1994, and upgraded to Advanced (which is what I presently hold) a year later.

I am a member of the Lake Erie Amateur Radio Association (LEARA) since 1995. I took on the job of Net Manager 2013. I became a trustee in 2022. In 2007 got involved with and Don Bryer (then ND8B) and Skywarn and the two of us revived the Skywarn net in Cuyahoga County. I am also an Assistant Emergency Coordinator Public Information Officer for Cuyahoga County ARES. I am very active in public service activities, participating in 14 events this year.

I believe that for a group to succeed, you should contribute to that group. I have helped with different events before I became a trustee. I've had to pull back in recent years, as my body has also sustained some wear and tear.

## Robert Wright II, KE8CEO

My name is Robert Wright II, and my call sign is KE8CEO.

I first dabbled in radio as a teenager after purchasing a Radio Shack 150 in One Electronic Project Kit. Fast forward a few years to serving in the US army Signal Corps as a Combat Signaler, where mobile radio setup and operation became one of my primary responsibilities. In 2015 I was introduced to Amateur radio by my co-worker Jack Thomas (WD8BID) and received my first Amateur ticket. In addition to my Amateur radio license, I possess a GROL + RADAR license. I also have a degree in Cybersecurity with a minor in Computer Information Systems.

I am a retired Telecommunications Outside Plant Design Engineer. I primarily designed tele-

communications solutions for cell sites, centralized radio access networks, and businesses. I am currently serving as a Councilman for the Village of Highland Hills.

I have been a LEARA Trustee for several years. I love all things Amateur radio related: from FM, SSB, DMR, and Satellite, to contesting. However, the thing that I enjoy most is working public service events. I am an Extra Class Accredited Volunteer Examiner, and active in both Skywarn and ARES.

I reside in Highland Hills with my beautiful and extremely patient wife Jeannette.

## Ed Rivers, W8IE

was first licensed as a Technician in 1994 with the callsign KB8UXO. He decided to upgrade throughout 1996-1997 (Technician Plus, General, Advanced, and Extra), and received his current callsign in 1998. During his time in Amateur Radio, he has participated in public service events and currently serves as an Assistant Coordinator for Cuyahoga County Skywarn and Cleveland Skywarn. He also previously served as Secretary and later President of Western Reserve Radio Association. You will likely hear Ed operating HF, VHF, and UHF (160m-1.2Ghz) or as Net control for LEARA, Skywarn, and ARES. Ed has a particular interest in the digital voice modes (Dstar, YSF, DMR, P25, and NXDN) and satellite communications; he also enjoys helping others learn.

Ed has retired from a rewarding career in Information Technology where he contracted for

companies including Chase Bank and Energizer Battery. He also worked for companies including MRINetwork, PNC, and Oswald Companies. Most notably while at MRINetwork he led the corporate infrastructure team and technology consulting for MRI's top franchises domestically and abroad. During his career he has held many professional certifications including MCSE, MCSA, CCNA, Linux+, and LPIC-1. Additionally he has attended training for Avaya, VMWare VCP, and Staub Leadership.

Ed has been a resident of Lakewood for nearly 25 years where he lives with his wife (Cyndi) and daughter (Carlianne); his son (Bailey) is on his own.

With your vote Ed hopes to help with the technological and mentoring aspects of the club. Thank you for your consideration.

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>28</b> Cleveland Ham Fest	<b>29</b> Sept.	<b>30</b> 6:30 p.m. LEARA meeting	<b>1</b>	<b>2</b> 8 p.m. LEARA VOICE 146.76/R	<b>3</b> <b>October</b>	<b>4</b>
<b>5</b>	<b>6</b>	<b>7</b>	<b>8</b>	<b>9</b> 8 p.m. LEARA VOICE 146.76/R	<b>10</b>	<b>11</b>
<b>12</b>	<b>13</b>	<b>14</b>	<b>15</b>	<b>16</b> 8 p.m. LEARA VOICE 146.76/R	<b>17</b>	<b>18</b>
<b>19</b>	<b>20</b>	<b>21</b> 7 p.m. ARES Meeting	<b>22</b>	<b>23</b> 8 p.m. LEARA VOICE 146.76/R	<b>24</b>	<b>25</b>
<b>26</b>	<b>27</b>	<b>28</b> 6:30 p.m. LEARA meeting	<b>29</b>	<b>30</b> 8 p.m. LEARA VOICE 146.76/R	<b>31</b> <b>November</b>	<b>1</b>

Check the Event Support Group Website for more event details

>>> <https://n8esg.org/calendar/> <<<





# LEARA Picnic Meeting

Kiwanis Pavilion, Elmwood Park, Independence, Ohio  
August 26th 2025; Pictures: Carsten Lohrmann





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

Sept. 13th, 2025  
held virtually in a Zoom Video Conference  
(Subject to Revision)

**Attendance:**

Bryan Torok, N8OOF; Eric Jessen, N8AUC; Marv Grossman, W8AZO; Robert Wright, KE8CEO; Dave Andrzejewski, AD8G.

**Members:**

Carsten Lohrman, KD8WBB; Ed Rivers, W8IE.

**Excused:**

Eddie Stevens, KD8FTS; Carl Gedeon, KB8VXE; Jon Anhold, KM8V.

**Absent:**

Jeff Garvas, N8YNR

**1. Call to Order**

The president called the meeting to order at 0923 EDT. Recognized and thanked Hamfest Association of Cleveland for the use of Zoom.

**2. Previous Trustee Meeting Minutes:**

Motion to accept, Eric Jessen, N8AUC. Seconded by Marv Grossman, W8AZO. Motion carried without objection.

**3. Treasurer's Report**

Not available.

**4. Membership Report**

Marv Grossman, W8AZO: 112 current.

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

Not available at the time of the meeting. Eddie Stevens, KD8FTS later reported via telephone that he made a reservation at My Friends for the September meeting. He plans to make reservations at Firehouse Grille for October and Teamz for November.

**6. Upcoming Programs:**

Eric Jessen, N8AUC; as of the meeting, nothing planned, mentioned Scott Yonally, N8SY, as a possibility. Eric later reported via telephone that the September program will be Bob Winston, W2THU, Ham Radio and the Law with a focus on the ARRL and current legislation to preempt Home Owner's Association (HOA) restrictions.

**7. Net Report:**

Carl Gedeon, KB8VXE, via e-mail, nothing to report.

**8. Sunshine**

Robert Wright, KE8CEO, via e-mail, nothing to report. Eric Jessen, N8AUC; reported that he was contacted by Bill Downie, N8UPZ, is having serious health issues. Eric visited him.

**9. Technical Committee Report:**

Dave Andrzejewski, AD8G, reported working to secure new (less expensive) Internet for the Lakewood site. Eddie to cancel the existing service. Bryan reported hams who worked River Run reported other hams being noisy into 146.880. Dave will check that when he is at the site. 146.760 working OK. The new voter is ready to install soon. The Case input is still pending. Dave is building a new, smaller, more reliable input package. No other news at this time.

**10. Old Business:**

Nominations and Elections: Jim Mac Millan, WA8ZHN, was nominated at the August 26, 2025 members meeting. Nominations closed at the end of the that meeting.

Motion made by Dave Andrzejewski, AD8G, second by Eric Jessen, N8AUC, to suspend the Bylaws and reopen the nominations for the purpose of nominating Ed Rivers, W8IE. Passed without objection. Ed Rivers, W8IE, nominated by Dave Andrzejewski, AD8G, second by Eric Jessen, N8AUC. Ed Rivers verbally accepted the nomination. Nominations were closed.

The following incumbents were elected in 2022 and up for reelection: Jeff Garvas, N8YNR; Robert Wright, KE8CEO; Carl Gedeon, KB8VXE. Newly nominated: Jim Mac Millan, WA8ZHN; Ed Rivers, W8IE. The election will be held in accordance with established procedures and completed at the October 28, 2025 members meeting.

**11. New Business:**

Cleveland Hamfest table and staffing: Marv Grossman, W8AZO stated that he will not be available to staff the LEARA table at the Cleveland Hamfest this year. Bryan Torok, N8OOF will send out an email to the members seeking volunteers.

**12. Adjournment:**

Motion by Dave Andrzejewski, AD8G, and seconded by Eric Jessen, N8AUC. Meeting adjourned at 1015 EDT.

Respectfully submitted,  
Bryan Torok, N8OOF

## National Preparedness Month Ham Radio Supply List

09/12/2025 from: <https://www.arrl.org/news/national-preparedness-month-ham-radio-supply-list>

National Preparedness Month – Ham Radio Supply List As the tornadoes that struck Massachusetts on September 6, 2025, demonstrate, you need to be ready for an emergency ahead of time. Radio amateurs were able to serve their communities and the National Weather Service because they were prepared.

The Federal Emergency Management Agency has released a list of supplies to keep in an emergency supply kit, which includes things like food, water, medications, a first aid kit, and other useful items – but hams may want to take it a step further.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, says hams should make sure their stations are resilient. “Have a battery backup, or alternate means of power. The grid may go down. Make sure all your antennas are functional and that you have backups in case they are damaged. It may be a good idea to keep a few baluns and some spools of wire to quickly erect wire antennas, if needed,” he said.

In addition to having these items, Johnston says to test and exercise the equipment throughout the year. “Consider getting your emergency gear out and doing a shakedown of it during a Parks on the Air operation – it puts your station to the test, gets you active on the air, and can be a fun activity done year-round.”

Find more information about resilience and preparedness through amateur radio at [www.arrl.org/ares](http://www.arrl.org/ares).




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## LEARA — The Lake Erie Amateur Radio Association

More than **55 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) ( <b>Offline</b> )
444.70/R+	• Lakewood	<b>Digital Only</b> (mmdvm: Fusion, DMR, D-Star & P25) (Requires 131.8 Hz tone)

INTERNET: [www.leara.org](http://www.leara.org)