



# The Spirit of '76 and '88



Newsletter of the  
**August Lake Erie Amateur Radio Association 2021**  
Carsten Lohrmann, KD8WBB, Editor

---

## New and improved solar power for Field Day

Upgrades made for Field Day 2021 include solar panels, the upgrade from Absorbed Glass Mat (lead acid) to Lithium Iron Phosphate batteries, and the challenges of finding an RF quiet charge controller. The advantages include lighter weight and more usable power. It worked great for Field Day.

Venue will be My Friends Restaurant, 11616 Detroit Avenue Cleveland, OH 44102. We will be ordering off the menu. Entrees range from about \$12 to \$20.

The menu can be viewed at  
<https://myfriendsrestaurant.com/>

## LEARA August 31. Meeting "New and improved solar power for Field Day"

Eric Jessen, N8AUC

**My Friends Restaurant**  
**6:30 p.m.**  
**11616 Detroit Avenue Cleveland, OH 44102**

### Reservations required

<https://www.leara.org/meetings-and-events/dinner-reservation>

or call Marv, W8AZO (440-248-0031)



## The Prez Says

by Bryan Torok, N8OOF

**The July meeting** was our annual picnic at the Harriet Keeler Picnic Pavilion in the Brecksville Reservation of the Cleveland MetroParks. As we have done for the last few years, it was catered by Mr. Mike's. Everyone seemed to enjoy themselves and I didn't hear any complaints. The (nameless) Trustee that I mentioned in last month's article showed up and did manage to



... continue on page 2

## Prez cont.

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> Membership	W8AZO 440-248-0031
<b>Robert Wright, II</b> Vice President	KE8CEO 216-502-1552
<b>Steve Spisak</b> Trustee	K8SAS 216-533-7300
<b>Eddie Stevens</b> Venue	KD8FTS 440-668-7409
<b>Ted Alexander</b> Trustee	W8IXY amfntv@aol.com
<b>Jon Anhold</b> Trustee	KM8V km8v@arrl.net
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>Carl Gedeon</b> "Sunshine"	KB8VXE 440-243-5710
<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>	

v04/2020-11-16

find some pants to wear.

**For the August meeting** we will be returning to My Friends Restaurant, 11616 Detroit Ave., Cleveland, OH. Instead of having a limited menu and a fixed price, we will be ordering off the menu. Entrées range from about \$12 to \$20. The menu can be viewed at <https://myfriendsrestaurant.com/>. Reservations will be required so that we can give the restaurant an estimated headcount of attendees.

This month's presentation will be on "**New and Improved Solar Power for Field Day**". The presentation will be given by **Eric Jessen, N8AUC**. He will be talking about improved solar panels, upgrading from Absorbed Glass Mat (lead acid) batteries to Lithium Iron Phosphate batteries, and the challenges of finding an RF quiet charge controller. The advantages include much lighter weight and more usable power making it ideal for Field Day or communications emergencies.

**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 this event. Attendees **DO NOT** need to be members of LEARA or even Hams.

**In-Person Meetings:** As we made plans to resume our in-person meetings in restaurants, our **Venue Chair, Eddie Stevens KD8FTS**, has run into a problem. Many of the restaurants at which we previously met are not booking their banquet or meeting rooms. They told Eddie that they don't have adequate staff to provide the level of service they would like to. Some stated that with the uncertainty of future possible COVID restrictions they are hesitant to hire more staff at this time.

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.

If you know of a restaurant with a meeting or banquet room suitable for a LEARA meeting, please contact Eddie or me with the info.

**We are still looking into having hybrid in-person/Zoom meetings.** This would allow those who can't or prefer not to attend in person to still view the meeting. Also, it would allow us to continue to draw upon presenters from outside of our area. We are looking for someone who would be willing to run the Zoom portion at the meeting. It is not practical for me to attempt to run an in-person meeting and the Zoom/computer end of it at the same time. **Volunteers are needed.**

The Trustees meetings will continue to be held via Zoom. All LEARA members are welcome to attend. For the access code please contact a Trustee the day before the meeting. Thanks to the **Hamfest Association of Cleveland (HAC.org)** for the use of the Zoom video conferencing.

### Public Service / Special Events upcoming:

**Great Gauga County Fair**, September 2 through 6, 2021. They need lots of Ham Radio support. Whether you can give just a couple of hours or whole days, they will take whatever you can give. For more info and to sign up contact Dave Andrzejewski, AD8G at 330-353-9754.

**River Run Half Marathon**, Sunday, September 12, 2021. Walk: 7A, Run: 8A, Course and support close: 11A Start: Wallace Lake in Berea, OH End: Memorial Baseball Fields north and west of Hogsback lane. For more info contact Eric Jessen, N8AUC, 440-554-3057.

**National POW MIA Recognition Day**, Amateur Radio Special Event, September 17, 2021. Primary operational days will be September 11th through September 19th. For more info and full detail see the article elsewhere in this issue.

**Repeater News: Dave Andrzejewski, AD8G, and Bill Hess, K8SGX** continue tweaking and improving the repeater operations. You can find the latest info on the state of LEARA's repeaters at <https://www.leara.org/repeaters>

**Until next month**, talk on the radio and use the repeaters. Join us on the air, online, or in person. If you haven't already, get your vaccine shots. Things are gradually getting back to normal. We really want to see or at least hear from you.



Unvaccinated Ham operator (CO5ID) getting ready for the next Covid Mutation.



## 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. Note that the '76 repeater is back in service. All nets will be held on this repeater. Please use it and notify any trustee of any troubles or issues.

July Checkins					
AB8MD	Andy	KC8KSU	Sarah	N8AHS	Fred
AB8UM	Mike	KD8FTS	Eddie	N8AUC	Eric
AD8G	Dave	KD8WBB	Carsten	N8OOF	Bryan
K2WJS	BILL	KE8GMZ	Jim	N8UPZ	Bill
K8EHP	Mike	KE8GVL	Bob	W8DKA	Doug
K8RJH	Ron	KE8NNC	Brian	W8IE	Ed
K8SAS	Steve	KE8RGC	John	W8IXY	Ted
KB8VBR	Leone	KE8SHY	Dave	W8NIN	Mike
KB8VXE	Carl	KG8DN	Ken	W8PKT	William
KB8WUA	Leon	KM8V	Jon	W8TAB	Tom
KC8FQV	Mark	N8AGM	Tom	WB8ROK	Ed

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

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

Please check the website for current assignments.

--- click ---

Net Control Schedule			
08/19/21	Ed	W8IE	
08/26/21	Carl	KB8VXE	
09/02/21	Eric	N8AUC	
09/09/21	Ken	KG8DN	
09/16/21	Carl	KB8VXE	
09/23/21	Mike	AB8UM	
09/30/21	Ed	W8IE	
10/07/21	Carl	KB8VXE	
10/14/21	Eric	N8AUC	
10/21/21	Ken	KG8DN	
10/28/21	Jon	KM8V	

NCOs	AB8UM	MIKE	KG8DN	KEN
	K8SAS	STEVE*	KM8V	JON
	KB8VXE	CARL	N8AUC	ERIC
	KD8ACO**	DAVID	W8IE	Ed

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

## The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April through September. The Skywarn practice nets are held on LEARA's 146.760 repeater every Wednesday at 8:30 p.m. with a simplex net that follows on 146.475. Should the National Weather Service issue a severe weather alert, a Skywarn net will be started on the 146.760 repeater.

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

## ARES

ARES nets are held every Tuesday at 8 p.m. on 145.410 +110.9. A simplex net will be held afterwards. ARES Meetings are no longer being held via Zoom. The next meeting September 5th, will be held in the meeting room at the Helwig Whistle Stop 599 West Bagley Rd. Berea, OH. at 2 p.m. Please monitor the ARES website at [www.n8esg.org/ares](http://www.n8esg.org/ares) for information on nets and events. Please note that as of now the Cleveland Marathon has rescheduled for October 23 & 24. Feel free to sign up. You do not have to be an ARES member to participate.

[www.n8esg.org/events](http://www.n8esg.org/events)

## Thursday Net NCOs

Do you know K2??? How about ??UPZ? Do you recognize the voice. Have you met them in person? What about N8OOF? A great way to learn who these voices belong to is to be a net controller! Consider being a net controller.

HELP! We have several people who are on temporary leave of duty. We can always use more LEARA Members to be-come Net Control Operators (NCOs). 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

• Ed Stevens WB8ROK ran into some complications just after the picnic. He will be leaving Fairview hospital and heading to rehab soon. Hope you're back on your feet soon Ed.



## 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.

**09/12/2021 | [Independence OH 44101](#)**

**Sponsor:** CARS Cuyahoga ARS

**Location:** To Be Determined

**Time:** 9:15 AM

(No Walk-ins / Register or Call ahead)

[Learn More](#)

**10/02/2021 | [Kirtland OH 44094](#)**

**Sponsor:** Lake County ARA

**Location:** Kirtland Library

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

[Learn More](#)

**10/05/2021 | [Westlake OH 44145](#)**

**Sponsor:** AD0VR

**Location:** Dover Masonic Temple

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

**10/23/2021 | [Westlake OH 44145](#)**

**Sponsor:** Buckeye Radio Club

**Location:** Westlake Masonic Temple

**Time:** 9:00 AM (Walk-ins allowed)

[Learn More](#)

**11/14/2021 | [Independence OH 44101](#)**

**Sponsor:** CARS Cuyahoga ARS

**Location:** To Be Determined

**Time:** 9:15 AM

(No Walk-ins / Register or Call ahead)

[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.

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

**Location:** Berea, OH

**Type:** ARRL Hamfest

**Sponsor:** Hamfest Association of Cleveland

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

[Learn More](#)

**10/31/2021 - [Massillon Hamfest](#)**

**Location:** Green, OH

**Type:** ARRL Hamfest

**Sponsor:** Massillon Amateur Radio Club

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

[Learn More](#)

Puzzle 7 (Medium, difficulty rating 0.60)

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

Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>29</b> Bike Cleveland Fundo  <b>August</b>	<b>30</b> 12 a.m. BRRO Packet Net	<b>31</b> 7:15 p.m. ARES 80m OSSB 7:30p.m. <b>LEARA</b> <b>meeting</b> 7:45 p.m. OHDN	<b>1</b>	<b>2</b> 8 p.m. LEARA VOICE <b>146.76/R</b> <b>Geauga</b> <b>Fair</b>	<b>3</b>  <b>September</b> Geauga Fair	<b>4</b>  Geauga Fair
<b>5</b> <b>Geauga Fair</b>	<b>6</b> 12 a.m. BRRO Packet Net <b>Geauga Fair</b>	<b>7</b> 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	<b>8</b>	<b>9</b> 8 p.m. LEARA VOICE <b>146.76/R</b>	<b>10</b>	<b>11</b>
<b>12</b> 6 a.m. River Run 2 p.m. Cuyahoga ARES Meeting	<b>13</b> 12 a.m. BRRO Packet Net	<b>14</b> 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	<b>15</b>	<b>16</b> 8 p.m. LEARA VOICE <b>146.76/R</b>	<b>17</b>	<b>18</b>
<b>19</b> 7 a.m. Bike Ride SAG Support	<b>20</b> 12 a.m. BRRO Packet Net	<b>21</b> 8 a.m. Hopkins Drill (→ 3 p.m.) 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	<b>22</b>	<b>23</b> 8 p.m. LEARA VOICE <b>146.76/R</b>	<b>24</b>	<b>25</b>
<b>26</b> 6:30 a.m. Cleveland Hamfest Volunteers	<b>27</b> 12 a.m. BRRO Packet Net	<b>28</b> 7:15 p.m. ARES 80m OSSB 7:30p.m. <b>LEARA</b> <b>meeting</b> 7:45 p.m. OHDN	<b>29</b>	<b>30</b> 8 p.m. LEARA VOICE <b>146.76/R</b>	<b>1</b>  <b>October</b>	<b>2</b>



## National POW MIA Recognition Day

### Submitted by Metro Sinko, W8MET

Linda Sinko N8LRS (XYL) and I will operate **40 meters SSB** on **September 11th through September 19th** for the National POW MIA Recognition Day. For more info see below or go to [qrz.com](http://qrz.com) and search call letters K4MIA.

From the QRZ.com, K4MIA page:

Observance of National POW MIA Recognition Day is held across this country on the third Friday in September. This year it will be on September 17, 2021. The day was established to honor our prisoners of war and those who are still missing in action. This will be the 13th year the special event station has been activated. Primary operational days will be September 11th through September 19th. We will be operating SSB, CW,

and FT8. There will be sister stations K4MIA/1, K4MIA/5 K4MIA/7 and K4MIA/8.

Throughout the month of September, K4MIA will hopefully operate Satellites, EME, Microwave and other less used digital modes (PSK32, Hellschreiber, RTTY, SSTV). Besides operating from our home QTHs we hope to operate from a Huey Helicopter, VA Hospital, American Legion Post, and various parks as part of POTA. We are trying to increase the awareness of our

POWs and MIAs. Because of the volume of requests, you **MUST SEND A SASE** to get a returned QSL. Please take time to remember our POWs, MIAs, KIAs, as well as all veterans and their families who have given so much for this country.





August 2021

The Spirit of '76 and '88 ~ 50 Years of Service to the Community



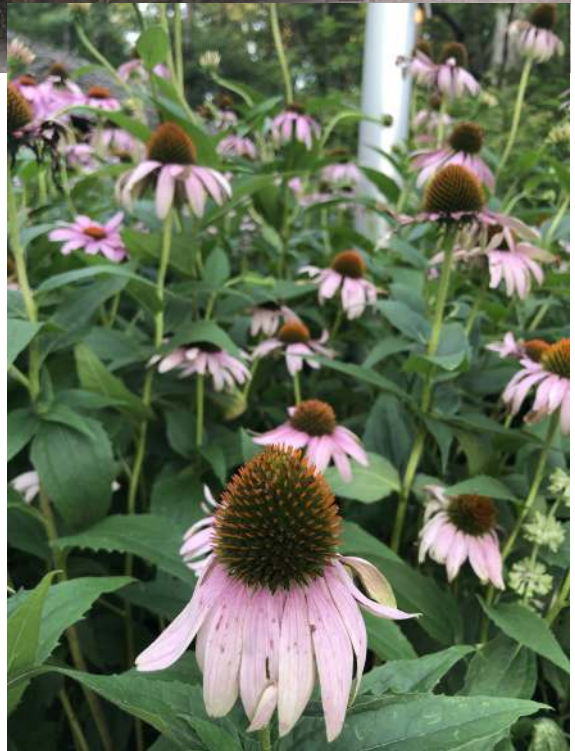
# Leara Picnic

## Harriet Keeler Picnic Pavilion

27th July 2021







## FCC Application Fees Unlikely to Go into Effect Until 2022

08/16/2021 - from: <http://www.arrl.org/news/wisawoodsat-successfully-completes-stratospheric-test-flight>

The schedule of FCC amateur radio application fees likely will not go into effect before 2022. FCC staff confirmed during a recent virtual meeting with Volunteer Examiner Coordinators (VECs) that the agency is still working on the necessary changes to the Universal Licensing System (ULS) software and other processes and procedures that must be in place before it starts collecting fees from amateur applicants. Earlier this year, the FCC said it would not start collecting fees from amateur applicants before this summer. The new estimate is that the fees won't go into effect until early next year.

Once it's effective, the \$35 application fee will apply to new, modification (upgrade and sequential call sign change), renewal, and vanity call sign applications. All fees will be per application. Administrative update applications, such as those to change a licensee's name, mailing, or email address, will be exempt from

fees. ARRL VEC manager Maria Somma, AB1FM, said Volunteer Examiner (VE) teams will not face the burden of collecting the \$35 fee.

"Once the FCC application fee takes effect, new and upgrade applicants will pay the exam session fee to the VE team as usual, but they'll pay the \$35 application fee directly to the FCC using the FCC Pay Fees system," she explained. When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 days from the date of the email to pay.

After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license. The link will be good for 30 days. Licensees also will be able to view, download, and print official license copies by logging into their FCC ULS account. The FCC no longer provides printed licenses.

Licensees can log into the ULS with their 10-digit FRN (FCC Registration Number) and password at any time to view and manage their license and application, print their license, and update anything in their FCC license record, including adding an email address.

---

## 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.