



The Spirit of '76 and '88

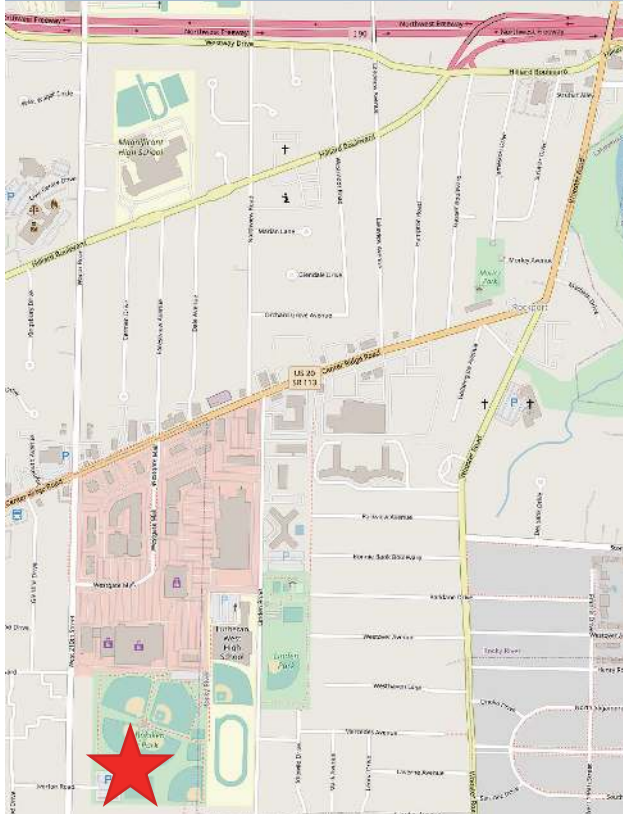


August

Newsletter of the
Lake Erie Amateur Radio Association

2022

Carsten Lohrmann, KD8WBB, Editor



LEARA Meeting Special Picnic Meeting

2. LEARA Picnic Meeting

Bohlken Park, 3885 W.210
Fairview Park

August 30.
6:30 p.m.

RSVP (CLICK) by noon, MONDAY (29th)

The Prez Says by Bryan Torok, N80OF



We had the **July picnic meeting** at the **Harriet Keeler Picnic Pavilion** in the Brecksville Reservation of the Cleveland MetroParks. This year we had more than 30 hams in attendance. The picnic was catered by Mister Mike with a similar menu as in previous years. The big difference was the chicken. In previous years, Mister Mike served fried chicken. This year, we had barbecue chicken. I found it well prepared and fall-off-the-bone tender. Most

... continue on page 2

OFFICERS and TRUSTEES	
Bryan Torok President	N8OOF btorok@sbcglobal.net
Eric Jessen VP, License Trustee	N8AUC 440-554-3057
Jeff Garvas Sec'y-Treasurer	N8YNR 216-496-3928
TRUSTEES	
Marv Grossman Membership	W8AZO 440-248-0031
Robert Wright, II Vice President	KE8CEO 216-502-1552
Eddie Stevens Venue	KD8FTS 440-668-7409
Carl Gedeon Trustee	KB8VXE kb8vxe@arrl.net
Jon Anhold Trustee	KM8V km8v@arrl.net
Dave Andrzejewski Trustee	AD8G 330-353-9754
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Al Severson	AB8P (SK)
Dave Foran	WB8APD (SK)
Bob Winston	W2THU
POINTS OF CONTACT	
Robert Wright, II "Sunshine"	KE8CEO 216-502-1552
Bryan Torok Radio Officer	N8OOF btorok@sbcglobal.net
Dave Andrzejewski Radio Officer	AD8G 330-353-9754
NEWSLETTER	
<p><i>The Spirit of '76 & '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>Editor: Carsten Lohrmann, KD8WBB E-mail: editor@leara.org</p> <p>Proofreading: TNX to W8AZO, N8YNR</p>	

v07/2022-07-20

Prez cont.

people seemed to prefer it to the fried chicken. It was a bit messier to eat, but some extra napkins helped with that.

We also had a hands-on foxhunting demonstration. Thanks to the help of **Carl Rimmer, W8KRF, and Elaine Wilkinson, KC8FOS**, (president and vice president of NOARS) we had extra foxhunting equipment, foxes, and experienced foxhunters. About seven or eight folks got to try out or close-up observe actually finding the hidden transmitters. A good time was had by all. NOARS has monthly foxhunts, generally the second Saturday of the month, with extra equipment for those who like to try foxhunting.

The August meeting is going to be a special meeting for several reasons. This is the first time in my more than 30 years with LEARA that we have had more than one picnic meeting in a year. The meeting will be held at a new-to-us location, **Bohlken Park, 3885 W.210 in Fairview Park**. We will have a special program on flying drones with an introduction to getting started and what is legally required. That will be followed by in-flight demonstrations by three experienced drone pilots, **Jon Anhold, KM8V; Jay Pecora, KB8O; and Doug Dever, AB8M**. You don't want to miss this! And, no, we are not going to be able to do this on Zoom.

But wait, there's more: The August picnic meeting is going to feature our own Jeff Garvas, N8YNR, as the grill master. Jeff will be grilling hamburgers, hot dogs, and brats. The menu will include baked beans, green beans, condiments, Pepsi, and water. This event will have a special one-time price of \$10 per person. In order to make that work, we need at least 30 reservations by

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. 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 for details.

Prez cont.

noon on Monday, August 29. But, please don't wait! Get your reservations in early by the usual methods, the website or calling Marv.

Directions: Coming from the east on I-90, exit at Hilliard Blvd. Continue straight on Hilliard to Wagar Rd. Turn left (south) onto Wagar Rd. Wagar Rd. becomes W. 210. The park will be about 0.8 miles on the left. **Coming from the west on I-90**, exit at Detroit Rd. Turn left (east) onto Detroit Rd. Turn right (south) onto Wagar Rd. The park will be about 2 miles on the left.

Coming from the east on I-480, exit at Clague Rd. Turn right (north) onto Clague Rd. Go to Lorain Rd. and turn right (east). Turn left (north) onto W. 210. The park will be on your right. **Coming from the west on I-480**, exit at Great Northern Blvd. Turn left (north). Take Great Northern to Lorain Rd. and turn right (east). Stay on Lorain Rd to W. 210. Turn left onto W. 210. The park will be on your right.

Those who are familiar with the western suburbs and Fairview Park will immediately see that these directions are not the shortest. I optimized the directions for the fewest number of turns. If you use a GPS, Google Maps, Waze, or other cell phone map app, it will likely take you on a shorter and slightly faster route. Of course, your mileage may vary.

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 attending this meeting. 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.

LEARA Needs You: "No one is more cherished in this world than someone who lightens the burden of another." – Unknown. The lifeblood of this club is its volunteers. We need you! We appreciate your considering answering that need by filling a valuable role as trustee and possibly as an officer. If you do not feel you can fill these roles, then encourage another club member to step up – make a nomination. Some people don't know their own value. It needs to be pointed out to them. Trustee nominations are now open. For more information contact **Eddie Stevens, KD8FTS**, and/or **Robert Wright, KE8CEO**. Their info is on page 2 of this newsletter.

Delayed/Missing Emails: Last month I told you that LEARA has been experiencing problems with emails sent to the Trustees list and the LEARA News list. Thanks to the efforts of Dave Andrzejewski, AD8G, the LEARA mailing lists have been moved to groups.io and they seem to be working much more reliably.

Antique Radio Restoration Request: I received a request from a person asking for assistance to find a person to restore a 1938 Howard 400 standing radio. The radio was a gift from his grandmother he would like to get it restored to as close to original as possible. If you can help, or know someone who can do the work, contact Chris at greenrascal3@cox.com.

Public Service / Special Events upcoming:

Great Geauga County Fair: August 31 through September 4, 2022. 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 11, 2022. Walk: 7A, Run: 8A, Course and support close: 11A Start: Wallace Lake in Berea, OH End: Memorial Baseball Fields north and west of

... continue on page 8



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.

July 2022 Checkins					
AB8UM	Mike	KD8FTS	Eddie	N8AGM	Tom
AC8JR	Andy	KD8WBB	Carsten	N8AHS	Fred
K2WJS	BILL	KE8ADV	Tony	N8AUC	Eric
K8EHP	Mike	KE8CEO	Robert	N8IYA	Steve
K8IDI	Rene	KE8QLZ	Jim	N8JIW	Don
K8SHB	Joel	KE8RML	Emilia	N8QMK	Mike
KA8VIT	Bill	KE8RMV	Shawn	N8UPZ	Bill
KB8VXE	Carl	KE8TLG	Jim	W8IE	Ed
KC8ESG	Mark	KG8DN	Ken	W8IXY	Ted
KD8AJZ	Rich	KM8V	Jon	W8ZHN	Jim

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 ---

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

*Short time leave **Long term leave

The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April through September.

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 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.

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.

We look forward to your participation! Carl, KB8VXE, E-Mail: kb8vxe@arrl.net

Sunshine

Tim Price K8WFL (SK) passed away back in May of this year. Tim served as ADEC for District 10 ARES as well as ASEC for Ohio ARES and Local Government Liaison for the ARRL. Tim was responsible for introducing many ideas including NVIS day, and the ARES VHF contest. He will be missed by many. Additional information may be found at:

<https://ble-t.org/news/timothy-t-price-1969-2022/>

Trustee Robert Wright KE8CEO has volunteered to take over the Sunshine post.

Thank you Robert.

Volunteer Exam Dates and Locations

from www.arrl.org



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

09/03/2022 | [North Olmsted OH 44070](#)

Sponsor: Northern Ohio Amt Radio Society

Location: North Olmsted Library

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

[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](#)

Sponsor: Lake County ARA

Location: Kirtland Library

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

[Learn More](#)

10/13/2022 | [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](#)

Upcoming Hamfests and Conventions

from 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](#)

Puzzle 6 (Hard, difficulty rating 0.71)

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



Picnic Meeting

Harriet Keeler Picnic Pavilion,
Chippewa Creek Drive

from July 26, 2022





Sun	Mon	Tue	Wed	Thu	Fri	Sat
28 August	29	30 6:30p.m. LEARA meeting 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	31	1 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	2 September	3
4	5 Labor Day	6 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	7	8 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	9	10 9:00 a.m. Trustees Meeting
11	12	13 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	14	15 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	16	17
18	19	20 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	21	22 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	23	24
25	26	27 6:30p.m. LEARA meeting 7:45 p.m. OHDN 8:00 p.m. ARES Net 145.41	28	29 7:30 p.m. ARES DMR TG:31395 8 p.m. LEARA VOICE 146.76/R	30	1 October

Hogsback lane. For more info contact Eric Jessen, N8AUC, 440-554-3057.

National POW MIA Recognition Day: From September 10 through 18, 2022 Linda, N8LRS, and Metro Sinko, W8MET, will be operating special event station K4MIA/8 along with other K4MIA special event stations in observance of National POW MIA Recognition Day occurring on September 16 this year. This event was established to honor our prisoners of war and those who are still missing in action. Please take time to remember our POWs, MIAs, KIAs, as well as their families. For more info and full details see <https://www.qrz.com/db/k4mia>.

Repeater News: From **Dave Andrzejewski, AD8G:** The Case Western Reserve University input for 146.760 is back up and running with thanks to David Kazdan, AD8Y, for accommodating LEARA at CWRU. 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. 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, we understand. But, we really want to see or at least hear from you, even if it is only by Radio or Zoom.

DEF CON 30

Ham Radio Village, and Hackers Galore

Andrew Kahn, WA8LIV



No one would argue that Hamvention is the Mecca of Ham radio yet into the next 30 years I'd propose a second possible pilgrimage for our hobby. This year, I attended DEF CON, an annual hacking conference in Las Vegas. For a hacker, this trip shares all the qualities that make Hamvention special and has been doing so for 30 years. DEF CON has something for everyone from hacking voting machines to automobiles, to practicing social engineering, and much more...

What does hacking, and Ham radio have in common? While most people think of hackers as computer enthusiasts with malicious intent, there is much more. A hacker is anyone who expands the capabilities of a system or device. If one expands the capability of their radio (MARS/CAP, anyone?) - that person is a hacker! If you've ever squeezed a few more precious watts out of your radio or tried a different antenna - you too are a hacker!

But seriously, Hacking? Well, if you're not convinced that hacking is something we should be promoting as hams§ 97.1(c) says, "Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art." The FCC, by way of law, has given us a reason to become hackers!

The Ham Radio Village was special! They presented a talk about operating off the grid through solar and batteries. They printed badge cards, showed off go-kits, tested antennas, demonstrated APRS, demonstrated WSPR. The RF Village next door, hacked RFID with SDR radios, led a fox hunt, and played with monitoring the electromagnetic spectrum. Down the hall was the Hardware Hacking Village, a

group of volunteers helped people do interesting projects. They repaired broken hardware and weren't afraid to help people flow some lead; they even helped me solder on an add-on PCB of Tom McClain, from Diehard, holding a lighter to my conference badge.

The Ham Radio Village minted 113 new hams and helped 24 people upgrade. This was one of the beat run VE teams I have been a part of. We took walk-ins, many of whom clearly had not prepared, but did everything we could to promote amateur radio within the greater Hacking community. We hope these ham hackers continue to grow the hobby with the curiosity of a child with an appetite for experimentation.

For more information about the Ham Radio Village, K0HRV, please visit hamvillage.org for more information. You can follow them on Twitter at @HamRadioVillage.



CTTF

CFARC (Cuyahoga Falls ARC) To The Field
Sept 14, 2022

For details CLICK or go to: tiny.cc/cttf-announce

Simultaneous APRS and Voice Repeater on the International Space Station

08/15/2022 - from: <http://www.arrl.org/news/simultaneous-aprs-and-voice-repeater-on-the-international-space-station>

ARISS, Amateur Radio on the International Space Station, announced that simultaneous operations of the ARISS Voice Repeater and digital APRS communications on the Space Station is now a reality. Current ARISS operations include voice repeater transmissions with the JVC Kenwood D710GA in the Columbus module and APRS packet operation from an identical radio in the Service Module (Zvezda). Packet operations are on 145.825 MHz.

The ARISS Russia and USA teams have been working for several weeks to prepare the Service Module radio for APRS operations. ARISS Russia team member Sergey Samburov, RV3DR, led the effort, working with Russian mission controllers and the on-board ISS cosmonauts to configure the Service Module radio for APRS ops. On August 11, final checkouts were completed and the APRS packet mode was switched on for amateur radio use.

ARISS-International Chair Frank Bauer, KA3HDO, said, "Simultaneous operation of APRS and the voice repeater on ISS is transformative for ARISS and represents a key element of our ARISS 2.0 initiative, providing interactive capabilities 24/7 that inspire, engage and educate youth and lifelong learners—especially life-long learning in ham radio operations. ... Our heartfelt thanks to Sergey Samburov, RV3DR, for making this crucial ARISS 2.0 initiative become a reality."

The Columbus Module radio uses the call sign NA1SS and the new Service Module radio uses RS0ISS. Aside from the call signs, the radios are identical and packet operations are the same as before. Hams can use RS0ISS, ARISS, or APRSAT as the packet path. Also, both radios are expected to be on full time, except during educational contacts, EVAs, and dockings or undockings.

You can find operational status and expected downtimes of the ISS radios at <https://www.ariss.org/current-status-of-iss-stations>.

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	Digital System Fusion & Analog (Req. 131.8 Hz tone)

INTERNET:

- 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.