



The Spirit of '76 and '88



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



Photo by Ray Hennessy on Unsplash

73 2021
Welcome 2022

LEARA November 30. Holiday Meeting

Door prizes, Bingo, Fun and
Food. Come all, come plenty!

Houlihan's in Westlake
<https://houlihans.com/Westlake>

6:30 p.m.
25651 Detroit Rd
Westlake, OH 44145

Reservations required

[https://www.leara.org/meetings-and-events/
dinner-reservation](https://www.leara.org/meetings-and-events/dinner-reservation)

The Prez Says by Bryan Torok, N8OOF



If you weren't at the October meeting at Houlihan's in Westlake, you missed out on one of the best meals at a LEARA meeting in recent years. But, not to worry, you get a second chance this month for LEARA's Holiday Dinner Meeting. More on that below.

For the October meeting we met at Houlihan's in Westlake. The pot roast was some

... continue on page 2

Prez cont.

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
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Robert Wright, II Vice President	KE8CEO 216-502-1552
Steve Spisak Trustee	K8SAS 216-533-7300
Eddie Stevens Venue	KD8FTS 440-668-7409
Ted Alexander Trustee	W8IXY amfmtv@aol.com
Jon Anhold Trustee	KM8V km8v@arrl.net
TRUSTEES EMERITI	
Al Amster	W8TTY (SK)
Don Raith	N8DJG (SK)
Fred Collins	W8ADW(SK)
John Radney	KC8FOC(SK)
Pat Shreve	W8GRG (SK)
Al Severson	AB8P (SK)
Dave Foran	WB8APD (SK)
Bob Winston	W2THU
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Carl Gedeon "Sunshine"	KB8VXE 440-243-5710
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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>	

v04/2020-11-16

of the tastiest roast beef I've ever had. The grilled rosemary chicken breast and vegetable pasta marinara (something I usually avoid) were also delicious. I fancy myself as somewhat of a mashed potatoes snob and found myself thoroughly enjoying their freshly homemade mashed potatoes. Salad, dinner rolls, water, coffee, tea, and soft drinks were also included.

Our speaker for the October Meeting was **Anthony Luscre, K8ZT**. His topic was "**Portable Operations**" with tips and tricks on portable operating, like camping, Parks on the Air, or even Field Day. Now, I've never been that into HF and I'm not that much into camping or the woods. Putting the two together is something that I never really considered doing. But watching Anthony's presentation got me to thinking about putting together a POTA station that I could run out of the back of my minivan. I have to say he made it look like fun. If you stayed home, you missed a great presentation.

As I mentioned above, the **LEARA November Holiday Dinner Meeting** is going to be a repeat of the October meeting at Houlihan's. While we had considered the Hofbräuhaus, we found that for most members the price tag, along with the cost and distance of parking, were serious downsides. All things considered, at this time Houlihan's is a good deal for a holiday party venue.

Because we won't have a program to share, I do not expect to set up a Zoom meeting. However, we will have **Bingo Bryan and door prizes**. We will have three rounds of bingo with **LEARA bucks** as the prizes. That will be followed by a drawing for a **brand-new dual band HT**. I'm told the HT comes in Emergency Red to make it just a little bit special and more festive.

Please share the meeting info on any nets you might be on,

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.

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.

Future Meetings: If you haven't read my column in the October issue of The Spirit of '76 and '88, you may want to do that.

The January 2022 meeting is scheduled to be at **Teamz Restaurant**, near Hopkins airport in Middleburg Heights. Details to come. Dave Andrzejewski, AD8G, will be giving an updated presentation on APRS. I'm sure Dave will also be happy to answer questions related to DMR, Allstar and Echolink.

Going further into next year, it appears we will be visiting My Friends Restaurant and Kumo Seafood Buffet again. Another option I would like us to try is **Fuji Grill Buffet** on the north side of Snow road across from Kumo. It is in the same shopping center where Dimitri's used to be. The food is similar to Kumo but about \$5 per person cheaper. Sara, KC8KSU, and I ate there and two senior buffets with water came to \$28 plus gratuity. What do you think? Should we try it? Let us know. <https://www.fujigrillparma.com/gallery>

The next **Trustees meeting** will be Saturday, January 8, 2022 at 9:15 AM via **Zoom**. All LEARA members are welcome to attend. The link will be mailed to all members on the Wednesday or Thursday prior to the meeting. If you don't get it, please contact us. Thanks to the **Hamfest Association of Cleveland (HAC.org)** for the use of the Zoom video conferencing.

Election Results: This year we had three candidates running for three positions for trustee. So, per the Bylaws we did not hold an election.

At the November Trustees meeting, we seated two returning Trustees and one newly elected. **Marv Grossman, W8AZ0**, and **Bryan Torok**,

N8OOF, were the incumbents. We welcomed **Dave Andrzejewski, AD8G**, as the "newest" LEARA Trustee. Dave is anything but new as he had previously been a trustee a few years ago and is now returning to that role. Dave is also a Radio Officer, chair of our Technical Committee, and largely responsible for repairing and maintaining LEARA's repeaters.

Steve Spisak, K8SAS, declined to run for reelection to the Trustees. The Trustees thanked Steve for his service and encouraged him to remain an active member and attend Trustee meetings as his time permits. He said he would.

One of the topics I wanted to write about last month was this year's Cleveland Hamfest. I've been attending the Cleveland Hamfest since before I was licensed in 1991. September 26 was a sunny day, starting out cool but being comfortably warm by the afternoon, perfect hamfest weather. As usual, I spent some money and made some unusual buys, some of which I'm not exactly sure what I'm going to do with them. But, that's part of the fun.

However, I found that in recent years I've spent less time focusing on the stuff and more on the people. It's really great to chat face-to-face and catch up with people I've known for years as well as making some new acquaintances. All in all, it was a very nice day and time well spent. I hope to see you there next year.

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.



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.

Note: There is no formal "Scheduled Net" for Thanksgiving evening (11/25). I like to give the NC's the night off to be with family and friends. However, if you are not doing anything, feel free to call out and have an informal chat/rag-chew with fellow members. 73-KB8VXE

October 2021 Checklins					
AB8UM	Mike	KB8VXE	Carl	N8AUC	Eric
AC8JR	Andy	KC8FQV	Mark	N8QMK	Mike
AD8G	Dave	KC8NZJ	Mat	N8UPZ	Bill
AF8A	Gary	KD8WBB	Carsten	VE3CNF/W8	Brad
K8ARP	Arp	KE8CED	Robert	W8IE	Ed
K8EHP	Mike	KE8NNC	Brian	W8IXY	Ted
K8RJH	Ron	KE8QLZ	Jim	W8KH	Ken
K8SAS	Steve	KE8ROW	Kyle	W8PKT	William
K8BJOY	Robert	KG8DN	Ken	W8TAB	Tom
K8WQL	Bob	N8AHS	Fred	W8ZHN	Jim

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

For November, December and January, the tentative scheduled NCOs are:

Please check the website for current assignments.

--- click ---

Net Control Schedule			
11/18/21	Ed	W8IE	
11/25/21	No	Net	
12/02/21	Jon	KM8V	
12/09/21	Eric	N8AUC	
12/16/21	Ken	KG8DN	
12/23/21	Steve	K8SAS	
12/30/21	Jon	KM8V	
01/06/22	Mike	AB8UM	
01/13/22	Ed	W8IE	
01/20/22	Carl	KB8VXE	
01/27/22	Eric	N8AUC	

The Wednesday Night Skywarn Practice Net

The Skywarn season runs from April through September. The Skywarn practice nets are now on winter hiatus. 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 for more information and training sessions.

ARES

Cuyahoga County ARES holds meetings every month of the year with the exception of November and December. Beginning in 2022, meetings will be held the first Tuesday of each month in the meeting room at the Helwig Whistle Stop 599 West Bagley Rd. Berea, OH. Meetings will be held from 7 PM to 9 PM. Check the Event Calendar page for details. Meetings will be shifted when they conflict with holidays or events, so please pay attention to the date on the calendar. Meetings are open to all. You do not have to be an ARES member or even a currently licensed amateur radio operator to attend. All interested parties are encouraged.

ARES Nets are held every Tuesday at 8:00 PM with the exception of the first Tuesday when we have our meeting. Nets are held on the 145.410 KB8WLW repeater system. There are no nets during the months of November or December.

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

Sunshine: no report.

NCOs	AB8UM	MIKE	KG8DN	KEN
	K8SAS	STEVE	KM8V	JON
	KB8VXE	CARL	N8AUC	ERIC
	KD8ACQ**	DAVID	W8IE	Ed

*Short time leave **Long term leave

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.

12/04/2021 | [Kirtland OH 44094](#)

Sponsor: Lake County ARA

Location: Kirtland Library

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

[Learn More](#)

12/07/2021 | [Westlake OH 44145](#)

Sponsor: AD0VR

Location: Dover Masonic Temple

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

[Learn More](#)

01/09/2022 | [Independence OH 44131](#)

Sponsor: Cuyahoga ARS

Location: Old Elmwood Recreation Center

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

[Learn More](#)

02/27/2022 | [Westlake OH 44145](#)

Sponsor: Buckeye Radio Club

Location: Westlake Masonic Temple

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

[Learn More](#)

03/13/2022 | [Independence OH 44131](#)

Sponsor: Cuyahoga ARS

Location: Old Elmwood Recreation Center

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

[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.

03/13/2022 - [Winter Hamfest](#)

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

[Learn More](#)

04/09/2022 - [Sixty-Sixth Cuyahoga Falls Amateur Radio Club Hamfest](#)

Location: Cuyahoga Falls, OH

Type: ARRL Hamfest

Sponsor: Cuyahoga Falls Amateur Radio Club, Inc.

Website: <http://www.cfarc.org/hamfest.php>

[Learn More](#)

Puzzle 4 (Hard, difficulty rating 0.69)

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



Portable Operations

Anthony Luscre, K8ZT

from 26. October 2021



Contact Information

- Email- k8zt@arrl.net
- Website- www.k8zt.com



Types of Operations- Pedestrian Mobile

- Pedestrian Mobile



Portable Antenna Choices Pros & Cons

Wire Antennas	Pros	Cons	Notes
- Dipole (resonant)	<ul style="list-style-type: none"> Inexpensive Easy to build Can be fed with coax 	<ul style="list-style-type: none"> Require 2 supports Single or limited # of bands 	
- Dipole (nonresonant) or offset center	<ul style="list-style-type: none"> Inexpensive Easy to build Multiple bands support Cheaper & lighter Ladder line instead of coax 	<ul style="list-style-type: none"> Require 2 supports Requires Antenna Tuner May require balun 	Often fed with open line or ladder line feeders to allow better multiband performance
- Inverted V	<ul style="list-style-type: none"> Inexpensive Easy to build Require only 1 support 	<ul style="list-style-type: none"> In some cases, it may not work as well as dipoles 	Often have more omnidirectional pattern than dipoles
- End Fed	<ul style="list-style-type: none"> Inexpensive Easy to build Require only 1 support Multiband Operation 	<ul style="list-style-type: none"> May require a special balun May cause RFI 	
Verticals	<ul style="list-style-type: none"> Require no high supports Can be very simple (especially single band) Very easy to transport The only option for most mobile work 	<ul style="list-style-type: none"> Require Radials Often have lossy or problematic traps for multiple bands Low angle of radiation poor for close-in QSOs 	
Beams	<ul style="list-style-type: none"> Good gain Directivity 	<ul style="list-style-type: none"> Require tower or sturdy support Often require lots of assembly Limited to higher frequency bands Expensive 	Smaller size at VHF (6 or 2 M) greatly decreases Cons
Mag Loop	<ul style="list-style-type: none"> Small Easy to transport No supports needed No Radials 	<ul style="list-style-type: none"> Limited bandwidth Require frequent retuning when changing freq. Can be expensive 	Works well for fixed freq. modes such as FT8/FT4
Mobile Antenna	<ul style="list-style-type: none"> Can be operated when the vehicle is in motion qualify for Class C 	<ul style="list-style-type: none"> Poor performance Difficult to tune Narrow bandwidth 	With a suitable ground plane, mobile antennas can be used for portable operations

Power- Internal

Most VHF/UHF HTs have integrated batteries
Only a few HF radios have integrated batteries and most of them are QRP (low power)



Find the full slide-deck here:

<http://tiny.cc/portop>



Sun	Mon	Tue	Wed	Thu	Fri	Sat
21	22	23 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	24	25 Thanksgiving	26	27
28	29	30 6:30p.m. LEARA meeting 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	1 December	2 8 p.m. LEARA VOICE 146.76/R	3	4
5	6	7 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	8	9 8 p.m. LEARA VOICE 146.76/R	10	11
12	13	14 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	15	16 8 p.m. LEARA VOICE 146.76/R	17	18
19	20	21 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	22	23 8 p.m. LEARA VOICE 146.76/R	24 Christmas Eve	25 Christmas Day
26	27	28 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	29	30 8 p.m. LEARA VOICE 146.76/R	31	1 New Year's Day 2022
2 January	3	4 7:00 a.m. Cuyahoga ARES Meeting 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	5	6 8 p.m. LEARA VOICE 146.76/R	7	8 9:15 a.m. Trustee's Meeting
9	10	11 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	12	13 8 p.m. LEARA VOICE 146.76/R	14	15
16	17 MLK Day	18 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	19	20 8 p.m. LEARA VOICE 146.76/R	21	22
23	24	25 6:30p.m. LEARA meeting 7:15 p.m. ARES 80m OSSB 7:45 p.m. OHDN	26	27 8 p.m. LEARA VOICE 146.76/R	28	29

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

Saturday, 13th November 2021, held
virtually in a Zoom Video Conference
(Subject to Revision)

Attendance:

Bryan N8OOF, Jeff N8YNR, Eric N8AUC,
Robert KE8CEO, Steve K8SAS, Bob W2THU,
Marv W8AZO, Ted W8IXY, Jon KM8V, Eddie
KD8FTS

Guests:

Carsten KD8WBB, Carl KB8VXE

1. Call to Order

Meeting called to order at 9:17 AM

2. Seating of officers

Eric moved, Marv seconded to keep all
officers in their current positions. Passed
unanimously.

The slate continues to be:

President: Bryan Torok, N8OOF

VP: Eric Jessen, N8AUC

VP: Robert Wright, KE8CEO

Sec/Tres: Jeff Garvas, N8YNR

Radio Officers:

- David Andrewjewski AD8G
- Bryan Torok, N8OOF

Committee Chairs:

Membership Chairman: Marv WA8AZO

Program Chair: Eric Jessen, N8AUC

Sunshine: Carl, KB8VXW

Tech Cmt: David Andrewjewski, AD8G

3. October Minutes

Marv moved to accept the previous meeting's
minutes, Dave seconded. Motion passed
unanimously.

4. Treasurer's Report

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

5. Membership Report

Marv W8AZO - 145 active members

6. Venues

A lengthy discussion was held about holding
meetings vs. virtual, no specific decisions
were made. Eddie has polled many members
and the responses lead towards supporting
a mix of in-person meetings and \$30 average
dinners.

Marv moved, Dave seconded to accept a
donation from Eric Jessen of a Baofeng HT
for this years holiday party. The motion
passed unanimously.

The group concluded we will play three
rounds of Bingo at this years holiday party
and if there are multiple rounds of winners
we'll use LEARA bucks to accommodate. The
radio prize will be awarded solely by ticket
drawing, not by a game of Bingo.

Dave moved that we move Trustees meetings
to the Third Tuesday of every other month
at 7pm. He then amended the motion to the
Secondary Tuesday of every other month.
Despite the motion not getting a second a
brief discussion ensued that consisted of
many people discussing their conflicts with
weeknights, other club meetings, etc. The
motion did not proceed due to the lack of a
second.

7. Adjournment

Eric moved to adjourn, Ted seconded. Motion
passed at 11:33am

Respectfully submitted,

Jeff - N8YNR

Solo DXpeditioner Says Operating from Crozet is Limited by Nature

10/14/2021 - from: <http://www.arrl.org/news/solo-dxpeditioner-says-operating-from-crozet-is-limited-by-nature>

The recent announcement of a pending 3-month DXpedition to activate Crozet Island (FT5W) in 2022 – 2023 has generated enthusiasm within the DX community. Right on the heels of the announcement, the Northern California DX Foundation (NCDXF) pledged \$20,000 to support the DXpedition. The point person for the planned event, Thierry Mazel, F6CUK, wants to temper any overblown expectations, as demand will be extremely high for the third most-wanted DXCC entity — right behind North Korea and Bouvet Island. Thierry says nature-related factors, including climate, will dictate the manner in which the DXpedition takes place.

“The wind blows almost constantly at 70 kilometers per hour (43 MPH), with gusts that can reach 150 kilometers per hour (93 MPH) within a few minutes,” Thierry and co-planner Paul Granger, F6EXV, said in a recent news release. “There are no real seasons on Crozet, so these conditions apply all year long, even if,

during the austral summer, nicer days can be expected.”

Added to the possibility of gale or hurricane-force winds, the “fairly hard” volcanic rock that covers the archipelago and “very strict rules” in place to protect fauna and flora, will severely restrict the sorts of antennas that might be deployed. “For bird protection, antennas, guy wires, and anything that could be an obstacle are forbidden,” Thierry and Granger said. Just securing guy lines for a four-square would require more than 30 concrete blocks, [because] digging holes is not permitted. The original idea to erect four-square arrays for 40 and 20 meters was refused, they said. The French Austral Islands are United Nations Educational, Scientific, and Cultural Organization (UNESCO) World Heritage sites and declared as protected areas.

“The only possibility that the administration allowed, was to have an [antenna] attachment point to an existing building and have wire antennas from there,” Thierry and Granger said. “No beam! This is clearly stated in the permit we received.”

-->> read the full article online - click <<--

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.