



The Spirit of '76 and '88



Newsletter of the
June Lake Erie Amateur Radio Association 2024
Carsten Lohrmann, KD8WBB, Editor



LEARA Monthly Meeting

Leara Summer Picnic

June 25, 6:30 p.m.
Annex Pavilion
Elmwood Park

6335 Selig Dr., Independence



Click or scan QR code to RSVP

The Prez Says

by Bryan Torok, N8OOF

I'm switching up the order of topics in my normal newsletter article for this month. While I do hope that you read the entire article – there is some good stuff here – I know that some members come here just to find out where the meeting is and the program for this month. So, I'm going to put that info first this month.



The June meeting will be the annual **LEARA picnic meeting**, in the same park in Independence

as last year. However, we will be in a different shelter with open sides. This will be our **ONLY** picnic meeting for 2024.

We will be meeting **Tuesday, June 25, 6:30 PM** at the **Annex Pavilion** located in **Elmwood Park in Independence, Ohio**. This is off of Wisnieski Blvd. behind the Independence Building Department at 6335 Selig Dr., Independence, OH. From Brecksville Rd., go west on Selig Dr. Then turn right (north) on Wisnieski Blvd. Turn left into the **SECOND** parking lot. If you are in a parking lot with police and Independence Building Dept. vehicles, you are in the wrong lot and need to go one more. Go to the south west corner of the lot and you will be able to see the Annex Pavilion.

... continue on page 2

Prez cont.

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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>	

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As in previous years, the food will be provided by **Mister Mike's catering**. The cost is \$19 per person. RESERVATIONS are REQUIRED by the Sunday before the meeting. You may make your reservation on the website, <https://leara.org/dinner-reservation/> or by calling Marv Grossman, W8AZO, at (440) 248-0031. As usual, interested persons may attend without having dinner.

The July meeting (Tuesday, July 30) will be an in-person, restaurant meeting with a location and program yet to be determined. If you have any suggestions for meeting programs, please contact **Eric Jessen, N8AUC**, or me.

The May meeting was at **My Friends Restaurant**, on the west side of Cleveland. Good food, good service, and reasonable prices. I don't think anyone went home hungry and I heard no complaints.

Bob Winston, W2THU, gave an excellent presentation on **Ham Radio & the Law**. Bob is the ARRL State Government Liaison for Ohio, ARRL Volunteer Counsel for the Great Lakes Division, President of the Quarter Century Wireless Association Chapter 1, Trustee Emeritus and former President of LEARA.

Bob told us about current federal legislation progressing in both the House and the Senate which, if passed and signed into law, may be very helpful for Hams living where they are covered by a Home Owner's Association (HOA) or deed restriction. **H.R.4006 and S. 3690** Short Title(s) as Introduced "Amateur Radio Emergency Preparedness Act" will prohibit or render unenforceable HOA and deed restrictions pertaining to Amateur Radio antennas erected upon land over which the Ham operator has control. The full text of the acts may be read here:

<https://www.congress.gov/bill/118th-congress/senate-bill/3690/text>

I urge you to contact your U.S. Senator to support this bill. In Ohio that is:

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. Go to [https://www.leara.org/files/ARRL via LEARA Appl Instructions.pdf](https://www.leara.org/files/ARRL%20via%20LEARA%20Appl%20Instructions.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 for details.

Prez cont.

Sherrod Brown,

<https://www.brown.senate.gov/contact/email>

Phone: (216) 522-7272;

Address: 801 West Superior Ave. Suite 1400,
Cleveland, OH 44133

J.D. Vance,

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Phone: (202) 224-3353;

Address: B4OC Dirksen Senate Office Bldg.
Washington D.C. 20510

To find your **federal representative** and his/her contact info, go here:

<https://www.congress.gov/members/find-your-member>

Bob also told us an amusing anecdote from his many years as a practicing attorney. Back in the 1990s there was a ham in Parma Heights who had a fine HF station running legal limit power, a sizable tower (I think Bob said 48 feet), with a multi-element/multi-band beam on top. This ham had a wonderful signal into wherever he wanted to reach, whenever he wanted to operate. Unfortunately, in the days before nearly everybody had cable TV, he also did a fine job of getting into his neighbor's television, particularly when his neighbor wanted to watch his favorite sporting event.

This angered the neighbor to the point that he complained to the Parma Heights authorities. Despite the efforts of the authorities to get the Ham to limit his hours of operation, the Ham refused, claiming that he was doing nothing illegal and was within his rights to continue to operate. Eventually the local prosecutor charged the Ham with two misdemeanors, creating a nuisance and maintaining a hobby not authorized in a residential neighborhood. That is where Bob came in.

After meeting with the Ham who became his client, Bob met with the Parma Heights prosecutor. Bob explained that the FCC has sole authority to regulate the radio waves. However, the prosecutor refused to back down and insisted on taking the matter to the Parma Municipal Court. In court, the judge eventually dismissed the charges.

In the course of this matter, the neighbor got the ear of one of his federal elected officials who then

got the FCC involved. FCC engineers visited the Ham with a truckload of equipment and spent a week inspecting the station. The FCC ran tests while they had the Ham operate the station on all the Ham bands. While performing the tests the FCC also monitored the effect on the neighbor's television. In the end, the FCC determined that the Ham was doing nothing wrong and that his equipment was operating as it was supposed to.

Bob's takeaway from this case was even the Ham was legally within his rights, he could have saved himself a lot of time, grief, and legal expense if he had been willing to compromise. Perhaps there are times when it is better to compromise.

Speaking of radio & the law, last month I reported on the AM Car Radio Bill: **Senate Bill S.1669 - AM Radio for Every Vehicle Act of 2023**. If you missed it, please look up the May issue of "The Spirit of '76 and '88" and read the article.

<https://leara.org/wp-content/uploads/sites/40/2024/05/2024-05.pdf>

Then, while you are contacting your Senators, you can also express your support for that bill.

I mentioned this bill at the close of the May meeting. Following the meeting I was approached by a member who was driving a Tesla. He said, "If you think it [the interference] is bad to people outside the car, you should try operating a radio inside the car." He had tried installing a dual band mobile in the car and found that the electrical noise was so bad as to render the radio unusable.

Save the Date: The folks who put on the **Amateur Radio Meet and Greet Potluck** multi club event last year are planning to do it again. It will be Sunday, August 4, 2024, 1 to 4 PM in the Cottonwood Picnic Area of the Cleveland MetroParks, the same as last year. Watch this space for more details.

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.



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.

May 2024 Checkins - 24					
AB8UM	Mike	KD8AJZ	Rich	N8QMK	Mike
K2WJS	BILL	KE8NMZ	Marc	N8RKE	Larry
K8EHP	Mike	KE8NMZ	Marc	N8RKE	Larry
K8RYK	Rich	KE8RGC	John	N8UPZ	Bill
K8SAS	Steve	N8ACP	Chris	W8IE	Ed
KB8VBR	Leone	N8AHS	Fred	W8JMI	Bryan
KB8VXE	Carl	N8AUC	Eric	W8AWD	Bob
KC8MRC	Bob	N8IYA	Steve	W8ZHN	Jim

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			
06/27/24	Mike	AB8UM	
07/04/24	No net	Happy 4th	
07/11/24	Jim	W8ZHN	
07/18/24	Eric	N8AUC	
07/25/24	Carl	KB8VXE	
08/01/24	Mike	AB8UM	
08/08/24	Ed	W8IE	
08/15/24	Jim	W8ZHN	
08/22/24	Carl	KB8VXE	
08/29/24	Eric	N8AUC	

NCOs	AB8UM	MIKE	KM8V*	Jon
	K8SAS *	STEVE	N8AUC	ERIC
	KB8VXE	CARL	W8IE	Ed
	KG8DN	KEN	W8ZJN	Jim

*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 146.745. 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 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 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.

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

Please contact Robert Wright (ke8ceo@leara.org) with information.

VIRDEN C BECKMAN, JR **N8PZD** became a Silent Key June 5, 2024.

New powersupply for '76

All – the new power supply has been installed (finally) on '76 and the loaner has been returned to Bill Hess. Below are photos of the original power supply and the new one.

While there, I noticed a new problem. The transmitter is measuring approximately 60 watts out – it should be 180 watts nominally. It's because half of it has failed. For those that don't know, the current transmitter is actually two mobile radio PAs combined using a Wilkinson coupler. One of the PAs has had a resistor blow up. This is different from the previous problem where the Wilkinson coupler failed. This is a common problem with these PAs and is likely to keep happening. It's the reason we chucked the old 015 repeater and completely replaced it.

I would like to remove the current exciter and PA and replace it with something a bit more modern. We've had 15 years of reliable service from it, the hardware is easily 40 years old... it's time for it to retire to a dumpster.

I am making a motion for the club to allocate some funds to purchase a replacement VHF repeater.

I still have the voter project outstanding, it's more-or-less ready to go, so (assuming we approve a repeater replacement), I may install both at the same time.

David Andrzejewski, AD8G



New powersupply



"Old" interim powersupply (loaner from Bill Hess)

Sun	Mon	Tue	Wed	Thu	Fri	Sat
23 June	24	25 6:30p.m. LEARA meeting	26	27 8 p.m. LEARA VOICE 146.76/R	28	29
30	1 July	2	3	4 8 p.m. LEARA VOICE 146.76/R	5	6
7	8	9	10	11 8 p.m. LEARA VOICE 146.76/R	12	13
14 PanAm Masters Triathlon	15	16	17	18 8 p.m. LEARA VOICE 146.76/R	19	20
21 PanAm Masters Half Marathon	22	23	24	25 8 p.m. LEARA VOICE 146.76/R Pan Ohio Hope Ride	26 Pan Ohio Hope Ride	27 Pan Ohio Hope Ride
28 Pan Ohio Hope Ride	29	30 6:30p.m. LEARA meeting	31	1 8 p.m. LEARA VOICE 146.76/R	2 August	3

>>> [Click here for more event details](#) <<<

Puzzle 5 (Medium, difficulty rating 0.50)

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

Puzzle 6 (Hard, difficulty rating 0.65)

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

Upcoming Hamfests and Conventions

from www.arrl.org

07/06/2024 - [Mansfield Mid Summer Trunkfest](#)

Location: Mansfield, OH

Type: ARRL Hamfest

Sponsor: Intercity Amateur Radio Club

Website: <http://W8WE.ORG>

[Learn More](#)

07/20/2024 - [NOARSFEST](#)

Location: Elyria, OH

Type: ARRL Hamfest

Sponsor: Northern Ohio Amateur Radio Society

Website: <http://www.noars.net>

[Learn More](#)

09/22/2024 - [Cleveland Hamfest](#)

Location: Berea, OH

Type: ARRL Hamfest

Sponsor: Hamfest Association of Cleveland

Website: <https://www.hac.org>

[Learn More](#)

10/27/2024 - [2024 MARC Hamfest at MAPS](#)

Location: N. Canton, OH

Type: ARRL Hamfest

Sponsor: Massillon Amateur Radio Club

Website: <https://www.w8np.net>

[Learn More](#)

Volunteer Exam Dates and Locations

from www.arrl.org

07/14/2024 | [Independence OH 44131](#)

Sponsor: Cuyahoga ARS

Location: Old Elmwood Recreation Center

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

[Learn More](#)

07/20/2024 | [Elyria OH 44035](#)

Sponsor: Northern Ohio ARS

Location: Lorain County Community College

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

[Learn More](#)

08/03/2024 | [Kirtland OH 44094](#)

Sponsor: Lake County ARA

Location: Kirtland Library

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

[Learn More](#)



SK Estate Sale

David J. Goodman, WA8UIT, 6/30/24, Sunday.

Helen Bell, KC8IKK, and Bill Hess, K8SGX, are conducting a sale of Dave's equipment at 8 A.M. on Sunday 6/30/24.

WHAT: David J. Goodman, WA8UIT, SK Estate Sale

WHEN: Sunday, 6/30/2024 8 a.m

Where: 31870 Hiram Trail, Moreland Hills, Ohio 44022

He had new and old stuff.

See an incomplete list here:

QTY (2) direction finder AN-TRDA / ANURDA
 HP signal gen. model 620A 7-11 GHz
 " " " 618B 3.8-7.6 GHz
 several western electric telephone repair-
 man's test sets
 measurements model 920 deviation meter
 (QTY 4) 2C39A new
 motorola solid state audio osc. 20Hz → 200k
 weller 8250 solder gun 250 watts
 motorola AC volt meter 1mV → 300V F.S.
 General radio 1432M decade resistor 0 → 100K
 motorola packrat radios 1 @ VHF, 1 @ Lowband
 Federal communications 100-1GHz UHF wave meter
 General Radio 650A impedance bridge
 Wavetek model 2100 pervein monitor (needs rep)
 Tek 475 O'scope
 HP 8658B signal generator
 HP 8640B " "
 Fairchild EMC25 interference analyzer 14KHz → 216
 mic lowband 2-case motorola mobiles w/ spkr & control
 Microtech model 700A interference locator
 Hickok cardomated tube tester w/cards
 Radio Engineers vector-finder VF142QM
 several CEI / Watkins Johnson receivers & pan adapt
 Singer NM37/57 EMI/field intensity meter
 HP 616 sig. gen 1.7 → 4 GHz
 ICom R7100 receiver
 Uniden / Bearcat BC0536 HP scanner
 +00 much other to itemize

Gone With the Wind: The Centennial of the Lorain Tornado

Author: Jim MacMillan WA8ZHN

Proof: Gail WD8EHL

Details of this recollection are from WIKIPEDIA and the book “**The 1924 Tornado in Lorain and Sandusky**“ by Betsy D’Annibile.(The History Press 2014) Since I grew up in Lorain, took history classes in school, read annual reprints in the news and listened to family lore and programs told by eyewitnesses, this comes to mind every year during tornado season.

On Saturday June 28, 1924, at 5:08 p.m., a F4 tornado swept off Lake Erie to the west side of Lorain Ohio. After destroying the bath house at Lakeview Park, several residential neighborhoods and the business district of north Broadway, it crossed the Black River and continued its destruction before heading out to Lake Erie again. Previously around 3 p.m. the tornado had already wreaked destruction and death in Sandusky before traveling east along the lakeshore.

This tornado remains the deadliest single tornado in Ohio history, killing more people than the 1974 Xenia and 1985 Niles-Wheatland tornados combined. (Wikipedia)

Early reports of the disaster came from a Ham Radio operator (unfortunately no call sign available) who was on a Naval

Reserve training vessel in the Lorain harbor. He sent word to Cleveland, and news of the destruction in Lorain began to leak out to the world. Bicycle messengers traveled to Elyria and Amherst as the telephone lines were down and the roads were blocked with trees wires and household debris.

A positive result of the carnage on telephone wires was the burial of bundles of telephone lines that were routed through the basements of homes by the Lorain Telephone Co.

My Grandparents and my mom who was four-month-old lived near the edge of destruction with porch furniture being thrown around by the wind. A photo studio formerly owned by Willis Leiter was in the path of destruction. The historical archives of the portrait studio and the POST CARD publishing business are **Gone With the Wind**.

In Geauga County, the storm also uprooted trees in numerous orchards along the way and hit three dairy farms killing three farmers and all their dairy cows.



ARRL Systems Service Disruption

06/04/2024 - from: <http://www.arrl.org/news/arrl-systems-service-disruption>

On or around May 12, 2024, ARRL was the victim of a sophisticated network attack by a malicious international cyber group. ARRL immediately involved the FBI and engaged with third party experts to investigate.

This serious incident was extensive and categorized by the FBI as "unique," compromising network devices, servers, cloud-based systems, and PCs.

ARRL management quickly established an incident response team. This has led to an extensive effort to contain and remediate the networks, restore servers, and staff are beginning the testing of applications and interfaces to ensure proper operation.

Thank you for your patience and understanding as our staff continue to work through this with an outstanding team of experts to restore full functionality to our systems and services.

We will continue to update members as advised and to the extent we are able.

Updated 6/14/2024

We are continuing to make progress on restoring the ARRL network and many related systems and databases. Thank you for your continued patience and understanding as we carefully address and restore affected services.

While the Logbook of The World® server, Online DXCC, and related user data are secure and unaffected, we have taken the precautionary measure of keeping the services offline until we can ensure the security and integrity of our networks.

The ARRL Learning Center (learn.arrl.org), our online course and training hub, is accessible. The Learning Center includes content from across a variety of amateur radio topics and interests. The Learning Center will require a slightly different login experience while we continue to restore interconnected databases. Users who have logged into the Learning Center before will need to use their EMAIL ADDRESS and use the 'forgot my password' function to set a new Learning Center password. Users who are new to the system will sign up/register using their email address. When ARRL systems are fully restored, user accounts will be reconciled with membership accounts again.

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:

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