

The Spirit of '76 and '88



Newsletter of the

September Lake Erie Amateur Radio Association

2020

Carsten Lohrmann, KD8WBB, Editor

AllStarLink

AllStarLink is a network of Amateur Radio repeaters, remote base stations and hot spots accessible to each other via Voice over Internet Protocol. AllStarLink runs on a dedicated computer (including the Rasperry Pi) that you host at your home, radio site or computer center. It is based on the open source Asterisk PBX running our app_rpt application. App_rpt makes Asterisk a powerful system capable of controlling one or more radios. It provides linking of these radio "nodes" to other systems of similar construction anywhere in the world via VoIP.

AllStarLink's primary use is as a dedicated computer node wired to your repeater or radio. Connections from Echolink, other VoIP clients and telephone calls are suported. We also have a Java Applet which can be used on older computers to access AllStarLink nodes.

AllStarLink has currently 20,081 users and 16,579 nodes.



Website: https://www.allstarlink.org
Wiki: https://wiki.allstarlink.org

LEARA September 29. Meeting

Virtual Meeting Online

Dave Andrzejewski, AD8G

AllStarLink September 29.

7:30 p.m.



Click or scan to join

The Prez Says by Bryan Torok, N8OOF

The August Meeting was a presentation by John Kruk, N9UPC, National Sales Manager Amateur Division - Yaesu USA. This an example



of one of the advantages of having online meetings in that it opens up our ability to have guest speakers from outside of our area that we otherwise could not get. John spoke mostly about System Fusion. It was designed specifically for Ham Radio and to be Ham friendly. While Fusion is perhaps the easiest of the digital modes to use and get started with, it is by no means

... continue on page 2

Prez cont.

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The Spirit of '76 & '88 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.

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Brvan Torok

Radio Officer

Dave Andrzejewski

'Sunshine"

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Proofreading:

TNX to W8AZO, N8YNR

lacking in features and sophistication. John also answered questions about the entire Yaesu product line, including HF radios.

Thanks to **Hamfest Association of Cleveland (HAC.org)** for the use of the ZOOM video conferencing. All meetings will be via Zoom through January of 2021.

The September Meeting will be a more in depth look at Allstar/Echolink presented by **Dave Andrzejewski**, **AD8G**. Now that Allstar/Echolink has replaced IRLP on 146.880 repeater this is a very timely topic.

LEARA endorses Scott Yonally, N8SY, for ARRL Vice Director Elections for ARRL Great Lakes Division Director and Vice Director are coming up. In the race for Vice Director, members will choose from among three candidates. They are current Ohio Section Manager Scott Yonally, N8SY; Jim Hessler, K8JH, who is vice president of the Grand Rapids Amateur Radio Association, and Frank Piper, KI8GW, Yonally's predecessor as Ohio Section Manager. While any of the three would do a fine job, the LEARA Board of Trustees endorses Scott Yonally, N8SY, for this position. Scott is a LEARA member and has done an excellent job as Ohio Section Manager. Resumes and links for the candidates are included in this issue.

In the race for Director, incumbent **Dale Williams, WA8EFK**, who has held the seat since 2014, will face off against **Michael Kalter, W8CI**, who is treasurer of the Dayton Amateur Radio Association. Either of these gentleman would be an excellent choice.

Ballots will be mailed out to ARRL Great Lakes Division members, accompanied by photographs of each candidate and a 300-word

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. 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.

Contact a trustee or check the website at www.leara.org for details.

V03/2020-06-24

Prez cont.

statement (if provided by a candidate) by October 1, 2020. If you do not receive your ballot by October 16, please contact cpereira@arrl.org.

Frank M. (Fritz) Hemrich, K8WLF, SK Fritz passed away on Saturday, September 19, 2020. As you will see from the obit, he was well known in the Amateur Radio community. His voice could often be heard on drive-time LEARA repeater rag-chews and on other occasions via 2-meter simplex all the way to Bay Village from Concord Township. He will be missed by many, including myself. Please see the obituary and link later in this issue.

FCC Proposes Fee Increases for Amateur Radio.

A new FCC proposal includes a \$50 fee for Amateur Radio licenses. This fee would be for new licenses, renewals, upgrades, and vanity call sign requests. Excluded are administrative updates such as changes of address. The FCC also proposes to assess a \$50 fee for individuals who want a printed copy of their license. Amateurs would be exempt from annual regulatory fees charged to licensees in other services.

The FCC proposal is contained in a Notice of Proposed Rulemaking (NPRM) in MD Docket 20-270. Interested parties may file comments by using the FCC's Electronic Comment Filing System (ECFS), posting to MD Docket No. 20-270. This docket is already open to accept comments, even though deadlines have not yet been set. ARRL is reviewing the matter and intends to file comments in opposition.

Personally, I feel that for those of us who are active in the hobby, \$5 per year is not that big of a burden. One place where I do see this as problem is in getting new people, particularly younger people into Ham Radio. Another is the case of the less active Ham who may decide not to renew or the person considering returning to Ham Radio after a period of time. A \$50 fee could have a chilling effect on our numbers.

I encourage you to make your feelings known to the FCC at https://www.fcc.gov/ecfs/filings or https://www.fcc.gov/ecfs/filings/express

Fall Foxhunts: The Northern Ohio Amateur Radio Society (NOARS) is holding on-foot fox (hidden transmitter) hunts in area parks. These are open to all interested parties as one does not need a license to participate. These hunts are geared toward beginners but hunters of all levels are welcome. The foxes are generally within a few feet of trails to avoid having to push through dense underbrush. The previous hunts have been held in the MeroParks Cottonwood picnic area located between Puritas hill and Brookpark Road on the west side. Other locations are being considered. Then next hunts are scheduled for Saturdays October 3rd and 17th at 11 A.M. For further info and contact Elaine Wilkinson, KC8FOS at secretary2019@noars.net

Raffle ticket sales for the Honda EU 2200i generator continue until the November 24, 2020 Holiday meeting. We have sold more than 155 tickets. Keep pushing the sales where you can. Send your friends, family, and coworkers to

http://LEARA.org/raffle to purchase tickets. We have had ticket sales and inquiries from as far away as Colorado.

Until next month, stay home, talk on the radio, and use the repeaters more. Join us at a virtual meeting. Avoid close contact with other people, wash your hands frequently, use a mask in public, and stay healthy. We really want to see you when this health crisis is over with and we get back to in-person meetings.

We have entered the most dangerous part of this pandemic.

We are all tired of physical isolation.

-- The virus is not tired.



LEARA "On the Air"

Club Net Information by Carl Gedeon, KB8VXE

The **Thursday Club Net** is held 8PM on our 146.760 (or 146.880 backup) MHz (-600 kHz offset, PL 110.9) repeater.

Ch	Checkins for September 2020						
AA8CL	Carmen	KC8FQV	Mark	SHABN	Fred		
AB8M	Doug	KD8AJZ	Rich	NBAUC	Eric		
AB8UM	Mike	KD8FTS	Eddie	N8UPZ	Bill		
AC8JR	Andy	KD8YDG	Bill	N8UUC	Dave		
AD8G	Dave	KE8ADV	Tony	NBWLX	Bill		
KIQCD	Frank	KE8NNC	Brian	WBIE	Ed		
KBARP	Arp	KE80LR	Michael	WBIXY	Ted		
KBEHP	Mike	KE80QA	Dennis	M8F2Ö	Evan		
KBRJH	Ron	KG8DN	Ken	W8PKT	William		
K8SAS	Steve	KI7QBE	Peter	W8TAB	Tom		
KB8VXE	Carl	KM8V	Jon	WABZHN	Jim		
KB8WUA	Leon	N8AGM	Tom	WB8ROK	Ed		

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

	Net Cont	rol Sc	hedule	
For August,	08/13/20	Carl	KB8VXE	
September and	08/20/20	Steve	KBZAZ	
October, the	08/27/20	Mike	AB8UM	
tentative scheduled	09/03/20	Eric	N8AUC	
NCOs are:	09/10/20	Ken	KG8DN	
iveos are.	09/17/20	Steve	K82A2	
	09/24/20	Mike	AB8UM	
Please check	10/01/20	Carl	KB8VXE	
the website for	10/08/20	Eric	N8AUC	
current	10/15/20	Ken	KG8DN	
assignments.	10/22/20	Steve	K82A2	
click	10/29/20	Mike	AB8UM	

The Wednesday Night Skywarn Practice Net

Skywarn season runs from March through September. Skywarn nets are held on LEARA's 146.760 repeater every Wednesday at 8 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. Be sure to visit the web page at www.ccskywarn.org for more information and training sessions.

An online Storm Spotter training video from the NWS is available at:

www.facebook.com/NWSCleveland/videos/858879174941020/

ARES

There are no ARES meetings the rest of the year. Please monitor the ARES website at http://n8esg.org/ares/ and the weekly nets that are held Tuesdays on the 145.410 Repeater at 8PM local time.

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.

S	AB8UM	MIKE	KD8ACO**	DAVID
Ö	K2WJS*	Bi ll	KG8DN	KEN
C	K82A2 *	STEVE	N8AUC	ERIC
_	KB8VXE	CARL	WABLIV**	ANDREW

*Short time leave **Long term leave

We look forward to your participation!

Carl, KB8VXE, E-Mail: kb8vxe@arrl.net

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.

10/03/2020 | Kirtland OH 44094-9729

Sponsor: Lake County ARA

Location: Chapin Forest Quarry Shelter.

First shelter on the right.

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

Learn More

10/08/2020 | Cuyahoga Falls OH 44221

Sponsor: Cuyahoga Falls ARC **Location:** Blue Parking Garage

Time: 6:30 PM (No Walk-ins / Call ahead)

Learn More

10/18/2020 | Elyria OH 44035-1343

Sponsor: LCARA & American Red Cross

Location: American Red Cross

Time: 12:45 PM (No Walk-ins / Call ahead)

Learn More

11/08/2020 | <u>Independence OH 44101</u>

Sponsor: CARS Cuyahoga ARS **Location:** To Be Determined

Time: 9:00 AM (No Walk-ins / Call ahead)

Learn More

Wanted:

Arrow dual band antenna for satellite work. Contact **Steve- K8SAS** 216-533-7300

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.

11/01/2020 - Massillon Hamfest

Location: Green, OH **Type:** ARRL Hamfest

Sponsor: Massillon Amateur Radio Club

Website: http://www.w8np.org

Learn More

Frank M. (Fritz) Hemrich, K8WLF, SK

We received the sad news of the passing of Frank M. Hemrich, better known to most of us as Fritz. A submarine veteran and man of many talents, Fritz has a galaxy of friends across the world who are tonight saddened at their loss but happy that he has been freed from his long battle with cancer.

Fritz was an avid HAM radio enthusiast, a member of a barbershop harmony group, and when his health allowed, he was head of the Cod HAM radio group. At our memorial events he was always present to lend a hand and greet visitors. It seemed that everywhere I went, whether in town or Timbuktu, somebody would see my Cod sweatshirt and ask if I knew Fritz. Now our friend Fritz is renewing old friendships and making new friends in a beautiful place.

We are told his family is planning a private service and will hold a celebration of life event next spring.

Sail in peace Fritz... SK Paul Farace, president USS Cod Submarine Memorial "Where Cleveland Honors Veterans!"

Another obituary may be found at: https://tinyurl.com/y3lq97sa

Scott Yonally - N8SY

for

Great Lakes Division Vice Director

Representing amateur radio for more than 40 years and a Life Member of the ARRL,

I currently hold the positions of:

- Ohio Section Manager
- Great Lakes Division Assistant Director
- ARRL Official Relay Station
- ARRL Official Emergency Station
- Vice Chair of the Richland County Local Emergency Planning Committee (LEPC)
- Village of Lexington Electronics Board committee member
- Education Committee member for the Emergency Management Association of Ohio (EMAO)
- Member of Ohio Public / Private Partnership (OP-3)
- Radio Officer for the Radio Amateur Civil Emergency Services (RACES) of Richland County
- Member of the Ohio Voluntary Organizations Active in Disasters Ohio (VOAD)
- Life member of the Ohio Single Side-Band Net (OSSBN)
- Member of the Quarter Century Wireless Association (OCWA)
- Webmaster for the Ohio Section, Great Lakes Division and several clubs and organizations
- I write a weekly newsletter for ham operators that's distributed throughout the country
- ARRL Extra Class accredited Volunteer Examiner
- 2019 ARRL Joe Knight, Distinguished Service Award recipient

The position of Vice Director holds great importance and responsibility that needs strong experienced leadership. Someone who understands YOU and your needs as well as the needs nationally.

I have that experience, working with the ARRL Leadership, as well as working with government agencies and hams all over the country. I enjoy helping to solve problems and creating new ways of making this wonderful hobby fun.

I would appreciate your vote and support for Great Lakes Division Vice Director For more information about me please visit: www.n8sy.com

Jim (James) Hessler - K8JH

Candidate for ARRL Vice-Director Great Lakes Division

I am active in many aspects of ham radio: DX chasing, VHF grid-expeditions, Skywarn, Boy Scout radio, VE testing, publicly promoting ham radio and my local amateur radio club.



If elected, I will proudly represent all of the Division: Kentucky, Ohio and Michigan. Watch for your ballot. I would appreciate your vote for vice-director.

First licensed in 1969 Amateur Extra since 1978

Before my recent retirement, I worked in church administration and for a charitable foundation in Grand Rapids, MI. Prior to that I was a state college administrator at schools in both Michigan and Arkansas.

I have a bachelor's degree in engineering, and master's degrees in business and theology. I am also an active ordained minister. I have always been grateful for the ham radio hobby and the ARRL, and I have tried to give back accordingly. Over the years I have tought licensing classes, participated in public service events, served as my county Emergency Coordinator, and been active in my local radio clubs. Currently, I am vice-president of the Grand Rapids Amateur Radio Association and an active VE. I have been a

member of the ARRL for over 40 years.

Thank you for considering me for your Great Lakes Division Vice-Director.

Jim Hessler, K8JH

Frank J. Piper - KI8GW

Candidate for Vice-Director, ARRL Great Lakes Division

I am running for Great Lakes Division Vice Director to assist the ARRL achieve its strategic goal to promote the growth of Amateur



Radio. I will bring the same honesty, integrity and professionalism to the role of Vice Director as I have to previous ARRL positions.

The ARRL is the only Amateur Radio organization which represents Amateur Radio to the FCC and Congress. In my ARRL leadership role, I led a successful team to the enactment of Ohio's PRB-1 law. As new technology brings changes to communications, the ARRL must also be ever-changing. I believe the ARRL can meet the challenges of the future and I am seeking your vote to help lead the way.

Today's youth needs to be one of the focal points of our goal to promote growth. The continuous improvement of ARRL's efforts to promote Amateur Radio using STEM programs needs to expand beyond traditional classrooms to include virtual and home-school environments. I have personally witnessed home-school classroom teams effectively integrate Amateur Radio within their curricula.

I have held many positions in the Ohio ARES program, including SEC, DEC, EC and AEC. In 2009, I was appointed Section Manager for Ohio and continued to be re-elected until my

retirement at the end of 2013. I serve as an Assistant Director for The Great Lakes Division.

I conduct VE test sessions for the ARRL-VEC. I serve as Chair of the Board of Directors for Friends of W8LT, a 501(c)(3) corporation supporting the amateur radio station at The Ohio State University (W8LT) and the University's Amateur Radio Club, and also active with the ARRL Collegiate Amateur Radio Initiative.

I would appreciate your trust and vote for Vice-Director of the Great Lakes Division. Thank You!

For more info go to: http://www.ki8gw.net/

WIN THIS HONDA 2200 WATT GENERATOR!



The Lake Erie Amateur Radio Association in Cleveland, Ohio is raffling off a Honda EU2200i generator to raise funds for amateur radio repeater expansion and maintenance costs for equipment used in the region by the Amateur Radio Emergency Service (ARES).

Tickets are \$20 each and can be purchased from any LEARA Trustee, at any LEARA meeting, or can be purchased online via PayPal. For more information, raffle rules, and to purchase tickets see

leara.org/raffle

No more than 500 tickets shall be sold and the drawing will be held so long as fifty-five tickets are sold.

Sun	Mon	Tue	Wed	Thu	Fri	Sat	
20 Sept	21 ember	22 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	23 8:30 p.m. Skywarn Net 146.76/R	24 8 p.m. LEARA VOICE 146.76/R	25	26 9:30 a.m. AFSP Out of the Darkness Walk	
27	28	7:15 p.m. ARES 80m OSSB 7:30p.m. LEARA Virtual meeting 8 p.m. OHDN	30 8:30 p.m. Skywarn Net 146.76/R	1 8 p.m. LEARA VOICE 146.76/R October	1	3 10:00 a.m. Simulated Emergency Test (SET)	
4	5	6 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	7 Skywarn Net on hiatus till next season	8 8 p.m. LEARA VOICE 146.76/R	9	10	
11	12	13 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	14	15 8 p.m. LEARA VOICE 146.76/R	16	17	
18	19	20 7:15 p.m. ARES 80m OSSB 8 p.m. OHDN	21	22 8 p.m. LEARA VOICE 146.76/R	23	24	
25	26	7:15 p.m. ARES 80m OSSB 7:30p.m. LEARA Virtual meeting 8 p.m. OHDN	28	29 8 p.m. LEARA VOICE 146.76/R	30	31 Halloween	

For SALE

I (N8GMB, Charles) am trying to get back into being on the air again with much less equipment sitting on the shelf that I don't have time or interest in using now. I have these ham radio pieces for sale:

- MFJ Versa Tuner II, \$35.00
- AEA PK-232MBX DATA CONTROLLER \$50.00. Excellent.
- AEA ATU-1000 ADVANCED TERMINAL UNIT. Excellent, like new \$200.00
- RADIO SHACK REALISTIC Pro 2004 with FM sub channel receiver. EXCELLENT. \$25.00.
- Kenwood SM-230 BAND SCOPE AND MONITOR Original owner, with original boxes and manual. Like new. \$600.00.

- Kenwood PC-1A PHONE PATCH CONTROLLER New, never out the box. \$50.00.
- KENWOOD TS-50, NEW IN BOX- NEVER USED, with installed CW YK-107C 500 Hz crystal filter with all original in box items. (6kHz, 2.4kHz, 500kHz filters installed). With Kenwood IF-10D INTERFACE UNIT. \$600.00.
- 50-amp, 12-volt (10-15) volt continuous duty power supply. Excellent. \$80.00
- Small, switching 12 VDC power supply for ICOM or KENWOOD TRANSCEIVERS. New, never used. \$50.00.

More details to the sold items can be found online --click here --

Contact me: (440) 338-1182; N8GMB@aol.com PRICES NEGOTIABLE ON SOME ITEMS

LAKE ERIE AMATEUR RADIO ASSOCIATION TRUSTEES' MEETING MINUTES

Saturday, 12th September 2020, held virtually in a Zoom Video Conference (Subject to Revision)

Attendance:

Robert KE8CEO, Jeff N8YNR, Steve K8SAS, Andrew WA8LIV, Bryan N8OOF, Eric N8AUC, Carsten KD8WBB, Eddie KD8FTS, Ted W8IXY, Carl KB8VXE, Marv W8AZO, and Jon KM8V

Guests:

KD8WBB, KB8VXE

1. Call to Order

N8OOF called the meeting to order at 9:15 a.m.

2. July Minutes

Jeff moved to approve the minutes, Andrew seconded. The motion passed without objection.

3. Treasurer's Report

N8YNR reported our accounts total and that the club has an obligation to purchase a generator out of that balance expected to cost \$1050.

4. ARRL bid

Andrew, W88LIV made a motion to endorse Scott Yonally N8SY, in his ARRL bid. Jeff, N8YNR seconded. Motion passed.

5. Adjournment

Andrew moved to adjourn, Steve seconded, and the motion passed.

Respectfully submitted, **Jeff Garvas - N8YNR**

Secretary/Treasurer

2020 Simulated Emergency Test (SET) October 3-4

Cuyahoga County will be participating in the 2020 Simulated Emergency Test. A big focus of the event this year will be the handling of formal traffic by way of radiograms and digital ICS-213 forms. This year the event takes place Saturday and Sunday, October 3 and 4.

Everyone interested in participating is asked to sign up here https://tinyurl.com/yy4wtxnf

I encourage everyone to participate. We will be operating from 10A to 2P both days. Stations who wish to participate will be put on standby during these hours and deploy as needed. Upon being deployed you will have the option of operating from home, or setting up a portable station in a nearby park, or even your own back yard. I will be operating the simulated EOC from inside the ESG Ambulance parked in my driveway.

Messages will be passed between the EOC and a District 10 net to be forwarded to their final destination. Those who are deployed in the field will receive simulated traffic and may be asked to prepare formal messages to send back. Ideally this should be done via FLdigi or Winlink. If you must send your message by voice, I will likely direct you to the district operators on 147.015, but no one should go there without being directed to.

At 10 AM each day we will activate the call out system and take checkins on the 145.410 repeater. Once that is complete, stations participating will stay on that repeater and await instructions. We don't know what the scenario is, or how much traffic we will get, but we certainly hope it's enough to give everyone something to do.

Those wishing more info are welcome to visit https://www.blackswancomex.org/ to get an idea of what is expected, but please do not sign up via that site. No individual stations should sign up to participate. Each county will sign up as a group and I have already done this for Cuyahoga.

Let me know if you have any questions. Hope to hear you on the air October 3 and 4.

Mat KC8NZJ

Candidates Set for 2020 ARRL Division Elections

08/25/2020

from:

http://www.arrl.org/news/candidates-set-for-2020-arrl-division-elections

The candidates for the 2020 ARRL Division Elections are now official. ARRL members will choose between two candidates for Director in the Dakota and Great Lakes Divisions in this year's election cycle, and from among three candidates for Vice Director in the Great Lakes Division and between two candidates in the Midwest Division. In the Atlantic and Delta Divisions, incumbents are unopposed for both Director and Vice Director. In the Dakota Division, the sitting Vice Director is running unopposed, while in the Midwest Division, the current Vice Director is the only candidate for Director. Find more details --- click here ---

Members are reminded that there are contested elections in the Dakota, Great Lakes and Midwest Divisions. Unfortunately, incorrect information regarding the use of electronic balloting in ARRL Division elections was disseminated in the Midwest Division. ARRL does not use electronic voting. The only way you will be able to cast a vote is by U.S. Postal Service mail and, as a member driven organization, we urge you to participate by casting -- mailing in - your ballot. Ballots will be mailed out to members, accompanied by photographs of each candidate and a 300-word statement (if provided by a candidate) by October 1, 2020. If you do not receive your ballot by October 16, please contact cpereira@arrl.org

Puzzle 4 (Medium, difficulty rating 0.47)								
	3	8						1
5				3				
	6	9			4			
	5				6	3	1	
3		4	9		2	8		7
	8	7	1				9	
			4			9	7	
				9				8
1						4	5	

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, CTCSS)
146.88/R-	 Lakewood 	(Requires 110.9 Hz tone, CTCSS)
224.90/R-	 Lakewood 	(141.3 Hz tone, CTCSS)
444.40/R+	 Macedonia 	(Requires 131.8 Hz tone, CTCSS)
444.70/R+	 Lakewood 	System Fusion Digital Repeater

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.