

The VOX



The Official Newsletter of the

Lehigh Valley Amateur Radio Club - W3OI / KB3SYV Allentown, Pennsylvania (Lehigh County) - USA

2023 Officers

President: *Rod Wolfe - N3XG* (n3xg.radio@gmail.com) Vice President: Jeff Bauer - WA3PNY - (BAUERJV@MAC.COM) Secretary: Steve Olock - KS3RO - (solock@gmail.com) Treasurer: *Paul Ryan* - N0KIA - (paul.f.ryan@gmail.com)

2023 Board of Governors

Myles Bodisch - KB3ZMA (KB3ZMA@gmail.com) Matthew Kriebel - KB3UZE (kriebz@gmail.com)

Scott Leichssenring - KB3YOT - (scott_leichssenring@hotmail.com) Mark Miller - AK3M (AK3M@rcn.com) Pick Pearce KC2EXO (rickn 127@gmail.com)

Rick Pearce - KC3EXO - (rickp.127@gmail.com)

VOX Editor - Mark S. Miller (AK3M) ---- (AK3M@rcn.com) Net manager - Rod Wolfe (N3XG) - (n3xg.radio@gmail.com)

LVARC Repeaters

146.34 / 146.94 (PL 71.9) 147.735/147.135 (DCS 315) 147.420 (Club Simplex Freq.) 445.025 W3OI D-Star "B" module 147.165 W3OI D-Star "C" module

LVARC/RACES/ARES Net

Every Monday at 7:30p (ET) on the 94 repeater.

Many club announcements will be heard there

The June LVARC meeting will be held on <u>Tuesday</u> June 6, 2023 using **ZOOM** <u>AND</u> In-Person at <u>7:30p</u>.

The program: *"Field Day Preparation" - Rod (N3XG)*

Plan to attend this Meeting!

The LVARC holds it's monthly meeting the FIRST TUESDAY of every month BOTH In Person <u>AND</u> using ZOOM at 7:30p Eastern time. Meetings are held at the Tri-Clover Fire Co. in Orefield, PA.

LVARC TEST SESSIONS

The LVARC test sessions are held the **THIRD FRIDAY of EVERY OTHER MONTH.**

Contact Mark Miller (AK3M) at <u>AK3M@rcn.com</u> for details.

REGISTRATION IS REQUIRED

If you have questions, contact Mark (AK3M) at AK3M@rcn.com

Up Coming 2023 LVARC Programs

June 6 - "Field Day Preparation" - de Rod (N3XG)



Do you remember ... The West End Drive In Theater?

Send your "What Ever Happened To/ Do you Remember...," to Mark (AK3M) for inclusion in a future issue of the VOX).

READER SUBMISSION



1. Monday Night LVARC/ARRS/RACES/ACS Net - 7:30p - 146.94 MHz

LVARC Nets

2. Monday Night USB Simplex Net - 8:15p - 144.250 MHz

de Larry (NR3R)

3. Wednesday Night D-Star Net - 7:00p

4. Thursday Night - 2m Simplex Net - 8:00p - 147.420 MHz

Check into one or all!



LVARC 2023 Test Session Dates

<u>2023</u>

August 18 October 20 December 15

A new GENERAL test will be in effect on July 1

If you are testing for **GENERAL** after June 30, be sure you are studying the new/current material.

2023 LVARC EVENTS

June 6 - LVARC meeting June 3 - Hanover Township 5K June 24 & 25 - ARRL Field Day July 11 - LVARC meeting August 18 - LVARC test session September 5 - LVARC meeting October 3 - LVARC meeting October 7 - Women's 5K Classic November 5 - LVARC meeting November 12 - Delaware/Lehigh Marathon December 5 - LVARC meeting

December 15 - LVARC test session

Listen to the Monday Night Net, attend LVARC meetings and read the VOX for specific dates and times.

The second ARES event of 2023 includes the Hanover Township 5K.



It will be held on June 3 at 0900. To volunteer your time and expertise, contact Mark (AK3M) at <u>AK3M@rcn.com</u>.

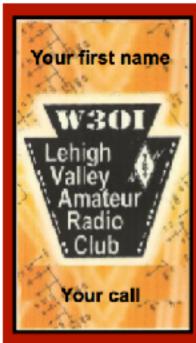


Any LVARC VE is welcome to attend any LVARC exam session.



This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		ine)23		1	2	Hanover Township 5K
4	5 LVARC Net 7:30p AK3M 2m AM/SSB Net - 8:15p	LVARC Meeting 7:30p	7 D-Star Net 7:00p	2m FM SIMPLEX net 147.420 8:00	9	10
11	LVARC Net 7:30p KC3AFU 2m AM/SSB Net - 8:15p	13]4 D-Star Net 7:00p	2m FM SIMPLEX net 147.420 8:00	16	17
]8 Father's Day	LVARC Net 7:30p KB3YOT 2m AM/SSB Net - 8:15p	20 LVARC "Hands On Night"]] D-Star Net 7:00p First Day of Summer	22 2m FM SIMPLEX net 147.420 8:00	23	²⁴ Field Day
25 Field Day	26 LVARC Net 7:30p KB3UZE 2m AM/SSB Net - 8:15p	27	28 D-Star Net 7:00p	29 2m FM SIMPLEX net 147.420 8:00	30	



LVARC ID Badge

If you need a new or replacement LVARC ID badge, contact Mark (AK3M) at AK3M@rcn.com.

I will:

- print your card on card stock and send via U.S. mail to you or
- make your card and save it as a pdf, email it to you and you can print it yourself.

I do not have a laminator but you can get it laminated at Staples or somewhere similar.

If you want it U.S. mailed to you, please include your call, name and an address where you want it to be sent.

You can also decide how you want it displayed. Many attache it to a lanyard which is available from Staples, the ARRL or other sources. You may want to put it in a card holder, also available at Staples.



The first Field Day was held in 1933. That makes this year the **90th Field Day anniversary**!

LVARC/Field Day Quiz



Which is older?:

- 1. The LVARC
- 2. The first ARRL Field Day

(Answer on page 10)





2023 LVARC Field Day Site Directions

The LVARC Field Day activity will be held as an "In Person" event! The Field Day site will be held at:



1900 Brickyard Rd. Allentown, PA

Directions to the Field Day site from Allentown:

- (1) From 22, exit at Rt 309 North to Huckleberry Rd.
- (2) Right onto Huckleberry Rd
- (3) Right onto Brickyard Road
- (4) Go to the end of Brickyard Rd.

Please remember that the railroad tracks are active and unguarded, so Stop, Look, and Listen.

Also, observe the speed limit on Brickyard Road. The houses on that road are occupied and just experience the most traffic on Field Day. We want to be good temporary neighbors. *Come out to enjoy the weekend!*



What IS Field Day?

de Mark (AK3M)

Field Day is perhaps the biggest event in an amateur radio operator's year but what exactly IS Field Day?



Some say it is an **emergency preparedness event** as operators are encouraged to operate under emergency conditions where generators, coolers, portable antennas and grills are used.

Others say it is a **contest** as operators and clubs are encouraged to log their contacts and submit their scores to the ARRL, hopeful for recognition.

Field Day is also an event that challenges and sharpens the operator's skills during often difficult HF operation (phone and CW)!

I personally think Field Day is **ALL** of these as well as a great time to be outdoors on a Summer weekend with friends while participating in the the best event of the year!

However you decide to describe Field Day, don't forget to enjoy the outdoors, weather and companionship of the event!





How Do I Renew My License?

To renew, go to the ULS Home, select Online Filing, and follow the instructions below.

- 1. Login to the ULS License Manager with your FCC Registration Number (FRN).
- 2. From your **License** At A Glance page, choose the **Renew** link in the right hand menu called Work on this **License**.

You may renew no sooner than 90 days before expiration.

Suggested Field Day Gear

If you plan to attend the LVARC Field Day activities, you may find the list below helpful for deciding what to pack for an extended and enjoyable stay.

Amateur Radio

- ____ HF radio
- ____ AC Outlet strip(s)
- _____ spare fuses
- ____ power supply
- _____ key (telegraph)
- headphones
- _____ antenna(s)
- _____ appropriate RF
 - connectors
 - ____ tools
 - ____ НТ
- _____ spare batteries
- _____AC extension cord(s)
- _____ antenna tuner

Personal Gear

- _____ folding chair
- _____ sleeping bag
- _____ pillow
- _____ sunglasses
- _____ appropriate clothing
- _____ snacks
- _____ personal toilet items
- _____ cell phone
- _____ eating utensils/cup

____ tent

- _____ duct tape
- _____ bug spray
- _____ flashlight/lantern
- _____ paper (pads)/logs
- _____ clock/watch
- _____ pencils/pens



LVARC/ARRL Field Day Quiz Answer

(Answer to quiz on page 6)



Which is older?:

1. The LVARC

2. ARRL first ARRL Field Day

The LVARC was started in 1928 and the first ARRL Field Day happened in 1933. That mens that the LVARC was established 5 years before the first ARRL Field Day!



https://home.arrl.org/action/Shop/Products#filter={'Facet':null,'SubFacet':null,'Category': {'Name':'Field+Day','Value':'FIELD_DAY'},'SubCategory':null} &searchTerm=&searchItemNameTerm=&searchDescriptionTerm=&productClass=

LVARC Field Day at Mack South Side Fire Company - 1978!

Do you remember? Were you there? Antennas were on the top of the fire tower (left).



St. Luke's Half Marathon Communication!

I emailed Dr. Mike Martinez, who is our coordinator for the St. Luke's Half Marathon each year. I thanked him for allowing the LVARC to provide communications support for the Half Marathon each year. This TNX belongs to all LVARC participants!

Mike,

I want to thank you for allowing the Lehigh Valley Amateur Radio Club to provide communications support again this year.

On Monday Night, we held an, "After Action." on air net to critique our performance of the event. The overwhelming feeling was that this was the best event we have served since we started with the Half Marathon. All went very smoothly. Even with more that 2,100 runners, there was only 3 EMS calls and 4, "Sag Wagon," calls.

Following is his reply.

"Hi Mark,

You and your team are the ones deserving of thanks. Your team has become an integral part of out medical team and it's a privilege to work with such a professional group of individuals."

A "New" Baofeng - the AR-152

A "New" Baofeng - the **AR-152** is now available. It boasts 10 watts output with many days, yes days, of receive operation.

Check out the YouTube video for information.

https://www.amazon.com/Powerful-Military-Portable-Tactical-Programming/dp/B09MK2LK61

READER SUBMISSION

de Larry (NR3R)



April Net report:

Monday Night ARES / ACS Net:

4/3 - 45 Check in's
4/10 - 48 Check in's (Estimated)
4/17 - 50 Check in's
4/24 - 48 Check in's
Total Check in's for April - 191
(Estimated 2nd week)

Monday Night 2m SSB

4/3 - 7 Check in's
4/10 - 5 Check in's
4/17 - 7 Check in's
4/24 - 5 Check in's
Total Check in's for April - 24

Thursday Night 2m FM

4/6 - 6 Check in's
4/13 - 8 Check in's
4/20 - 7 Check in's
4/27 - 11 Check in's
Total Check in's for April - 32

Thank you all for checking in to the nets and 73! Rodney N3XG

A Headset for the Baofeng Family

If you participate in an ARES activity and have been met with music or noise at your station, you may want to consider a set of earbuds or headphones. If you decide on headphones, you may want to consider a set made for the Baofeng family. — **\$15.99**

https://www.amazon.com/Retevis-Earpiece-Cancelling-Headphone-Compatible/dp/ B00L7DM930/ref=asc_df_B00L7DM930/? tag=hyprod-20&linkCode=df0&hvadid=24199 6470453&hvpos=&hvnetw=g&hvrand=98504 41287064062243&hvpone=&hvptwo=&hvqmt =&hvdev=c&hvdvcmdl=&hvlocint=&hvlocph y=9006934&hvtargid=pla-557173446477&psc =1





Lots happening at the LVARC!

For event information, listen to the Monday Night Nets, attend LVARC meetings, read the VOX or check out the LVARC website.

Volunteer your time and operating expertise for any or all events or sedan article for the VOX.

How to Become an ARRL VE

If you are interested in becoming a Volunteer Examiner (VE) and joining the LVARC VE Team, see the information following which comes from the ARRL website.... <u>http://www.arrl.org/become-an-arrl-ve</u>

Follow these three steps to become an ARRL Volunteer Examiner:

- 1. Review the <u>Volunteer Examiner Manual</u>, paying special attention to Chapter 2: Becoming a Volunteer Examiner. Read the information that extends and supports the published manual: <u>Supplemental Information</u>.
- Complete and sign the <u>VE Application form and open-book review</u> * (interactive application and 40 question review).
- Please email, fax, or mail forms (PDF file or scanned photo image) to the address below: *
 ARRL VEC
 225 Main St
 Newington, CT 06111 USA
 Fax: 860-594-0339
 Email: VEC@arrl.org



Once accredited, you will receive in the mail a colorful laminated VE badge to wear at exam sessions and a certificate suitable for framing. Please allow 3-4 weeks for the ARRL VE badge and certificate to arrive.

If you are already accredited with a VEC organization outside the ARRL, you must submit a copy of your accreditation certification along with a completed **ARRL VE Application** form (interactive) to the above address.

Want to be a Monday Night Net Control Operator?



The LVARC Monday Night Net is looking for additional Net Control Operators. If you are interested, contact Rod (N3XG) at <u>n3xg.radio@gmail.com</u>.

August LVARC Test Session Change

The August 18 test session, usually held at Hanover Elementary School, will now be held in the LVARC meeting room. The school that we usually use is undergoing renovations starting early this Summer and it will still not be available in August.

The August 18, 2023 LVARC test session will be held at the Tri-Clover Fire Company in Orefield, PA at **4801 Kernsville Rd, Orefield, PA 1806**.

Only the location has changed. The test session will begin at 6:00p as usual. Doors will be open at 5:45p.

The LVARC is planning an auction in July, 2023

Stay tuned for details by listing to the Monday Night Net, reading the VOX, attending meetings and checking the LVARC website.



REMEMBER, you CANNOT participate in a **RACES** event unless you have taken FEMA's ICS (Incident Command System) 100 and 700!

To take these courses, go to:

ICS 100

https://training.fema.gov/is/courseoverview.aspx?code=is-100.c&lang=en.

ICS 700

I have been keeping a list of those who have ICS 100 <u>and</u> ICS 700 certifications.

de Mark (AK3M)



How to Get A PA Amateur Radio License Plate

AMATEUR RADIO OPERATOR: One plate may be issued with your Federal Communication Commission (FCC) assigned call letters. If you desire a second Amateur Radio Operator registration plate, your call letters plus a hyphen and the number "2" will be issued. A copy of your Amateur Radio Station registration must be attached to the application.



To get your call on a PA license plate, you will need to complete a PA MV-904 form include a copy of your license and an \$11.00 fee.

To get that form, go to: <u>https://www.dot.state.pa.us/public/dvspubsforms/</u> BMV/BMV%20Forms/mv-904.pdf



Do you know the significance of these names?

Arlene Bret Cindy Don Emily Franklin Gert Harold Idalia Jose Katia

Lee Margot Nigel Ophelia Philippe Rina Sean Tammy Vince Whitney



These are the names reserved for 2023 hurricanes! The 2023 hurricane season starts Thursday, Jun 1, 2023 and runs until Thursday, Nov 30, 2023. (Source: Lehigh Valley Live)

"Summer is singing with joy, and the beaches are inviting you with dancing waves." - Debasish Mridha

ideas Start something **GOOD**

Have Something to Share with the Group?

Maybe you want to tell abut a new radio, new antenna or have a question? Send it to Mark (AK3M) at <u>AK3M@rcn.com</u> for inclusion in the VOX.

Mark your Calendar for a VERY WORTHY Event!



Mark your calendar and volunteer your expertise for the **Women's 5K Classic** which will be held on Saturday **October 7**, 2023. This is a wonderful event that welcomes our support each year. This is reportedly the largest fund raiser for breast cancer research on the East coast.

This entire event is held on the Lehigh Parkway grounds.

Many operators will be needed! Volunteer your time!

To volunteer for this event, contact Mark (AK3M) at <u>AK3M@rcn.com</u>.

Do you want to understand the scoring, publicity, hours, rules, etc., regarding Field Day? Go to:

http://www.arrl.org/field-day-rules



An Official TNX

de Mark (AK3M)

I received the following in the U.S. mail today (5/13/23). It is a official Thank You from Dr. Mike Martinez for the LVARC's assistance with the Half Marathon.

(This belongs to all LVARC participants!)



(This belongs to and Dear Mark, 5'd Mark, 5'd Mark, 5'd Mark, 5'd Mark, 6'd Mark, 1'd Mark, 1'd

"I'd like to thank you, Larry and the entire team for helping to put on the safest race in the United States.

All the Best." Mike



1906 - 1997 Call Books Available On Line

Want to look at the Call Book (s) from as early as 1906 to 1997?

Go to: http://leehite.org/callbooks/. It may take a while to open. Be patient and it will eventually open.



For Sale

My name is John Gennaro .. Living in Bethlehem PA 18018. Club Ave

I have for sale some New in Box Items..

Chameleon Antenna..Complete Kit + CHA - TDL CHA MPAS (Modular Portable Antenna System) 2.0 + Mini 200 w. \$625 CHA HUB KIT. \$112 CHA SS17 X 2. \$140

Everything is Brand new in Box wrapped from factory and never used. I would Take \$600 or make offer.

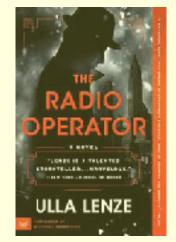
Payment upon inspection...

Thanks

John Gennaro 718 813-3099 call or text for viewing or purchase Johngennaro1@gmail.com



Can send pics to anyone



Need something to read this Summer while you are on the beach, at the lake or just sitting in the sun in your back yard?

The book, "*Radio Operator*," may be just what you need.

It is a story about an amateur radio operator who reluctantly gets involved in the Duquesne Spy Ring in New York City prior to World War II and

how that upends his life. While amateur radio is essential to the story, is is not the main plot.

This book is available at Amazon, Barnes & Noble and other sources.

(See page 36 of the June 2023 issue of QST.)

The Kid's Fest on Sunday May 21, 2003 was a great

success! Although the visitors to the LVARC communications trailer were scarce, the trailer and equipment performed as designed! HF was up and



running and 20 meters was rather difficult but all worked well, regardless of propagation.

Attending the Bethlehem event were Rod (**N3XG**), Richard (**KC3FEZ**), Mark (**AK3M**) and Phil (**KB3HMK**) who did double duty was an LVARC member and an event official.





No cellphone? No problem! The vintage radio enthusiasts



Ham radio users, from teenagers to eighty somethings, are ready to communicate in the next crisis – be it a wildfire, pandemic or 'the big one.'

by Amanda Ulrich in Palm Springs

https://www.theguardian.com/us-news/2023/may/27/ham-radioemergency-natural-disaster-climate-crisis

READER SUBMISSION

Submitted by Scott (KB3YOT)

Don't Forget

If you have moved, keep your address current with the FCC, ARRL and the LVARC!

W3OI Amateur Radio Club Monthly Meeting May 2023 05/02/2023

Combo Local and Remote via Zoom

The Meeting was called to order by Rodney Wolfe (RW) @ 859pm (preceeded by presentation)

Secret Word is kepler and needs to be emailed to <u>KS3RO@ARRL.NET</u> to show attendance for online participants.

Rod Wolfe, N3XG introduced tonight's guest speaker for a pre meeting session. Clint, k6lcs's talk was about working satellites on handhelds and the presentation preceded the normal meeting. Work-sat.com and k6lcs.com are his websites for very clear and easy to digest information about working leo satellites.

Rod covered hybrid zoom meeting procedures, zoom will be an active participant in the meeting

Remotes will raise hand to signify a nay vote otherwise no indication will be considered a yeh vote

Online was interactive with full communications for both local and remotes

ATTENDEES

There were a total of 24 members in attendance with 7 remote members (as per the email method) and 17 Local Attendees.

The following Board Members were present at the meeting:

President – Rodney Wolfe N3XG PRESENT

Vice President – Jeff Bauer WA3PNY **PRESENT**

Treasurer - Paul Ryan N0KIA PRESENT

Secretary - Steve Olock KS3RO PRESENT

Board of Governors:

Rick Pearce KC3EXO PRESENT

Mark Miller AK3M PRESENT

Matt Kriebel KB3UZE ABSENT

Scott Leichssenring KB3YOT PRESENT

Myles Bodisch KB3ZMA PRESENT

Guests: None Noted

Proceedings:

A motion was made to approve the April Meeting minutes as published in the April 2023 VOX newsletter

Motion to approve was made by Myles and 2nd by YOT Scott Motion Passed

Program for tonight: Clint K6LCS presenting on working FM Satellites with your Hand Held, pre meeting session

Treasurer's Report (Paul - N0KIA)

Primarily noted that there was membership income, 50/50 income, a \$50 donation, and interest income from the savings account. Expenses of note were the deposit expenses for Winter Field Day

Motion to approve Treasurer's report as read was made by Dan, KC3HWD and 2nd'd by Scott KZ4ASR Motion Passed = Y

Committee Reports:

VE & ARES Reports for the May 2, 2023 LVARC Meeting

VE REPORT

At the April 21, 2023 VE test session, 9 tested and 9 passed.

VEs in attendance included Mark (AK3M), Walt (KE3SP), Don (N0VGA) and Doug (N3WGH).

The next LVARC test session will be held on August 18. NOTE: By the time of that test session, a new General question pool will be in effect.

ARES REPORT

The first ARES event occurred on April 23, 2023. It was the St. Luke's Half Marathon. 17 LVARC members provided communications support for this event.

They included Larry (NR3R), Mark (AK3M), Don (N0VGA), Mike (KC3BLF), Andy (AK3KA), Nick (KC3EKC), Phil (KB3HMK), Louis (KB2VCI), Chris (KC3MLI), Leslie (KC3ONE), Fred, (KC3TUO), Charles (KC3TDQ), Mike (KC3UCX), Bob (WB3JSZ), Steve (KS3RO), Chris (N3RPV and Dave (W3AMC).

The next scheduled ARES events are: June 3 - Hanover Township 5K October 7 - Women's 5K Classic November 12 - D&L Marathon

To volunteer for the Hanover Township 5K and the Women's 5K Classic, contact Mark (AK3M) at<u>AK3M@rcn.com</u> and for the D&L Marathon, contact Rod (N3XG) at n3xg.radio@gmail.com.

Communications:

Website: no major issues noted, discussion regarding of how memberships are entered/sorted will be brought up with Matt

Matt KB3UZE is responsible for the website and interacting with the board about it.

<u>Repeater report</u>: by Rod N3XG Everything was good up until 2 days ago, D-star crashed 2 days ago

The .135 fusion update plan discussed previously is moving forward Supplies are in stock and the upgrade will take place soon

Looking for digital repeater support people, if you would like to support the club systems, please contact N3XG for details

<u>Club Station / Trailer:</u> workparty on sunday, 4/30, and the Trailer and cooler(radio room) is ready and cleaned up

Old Business: Silent auction list has been started, details to follow.

Fire station RF noise has been cleaned up with the work of our volunteers.

Small games of chance license process is stuck at the point of W3OI havingno actual physical address that we are in control of...Work in progress to clarify and see how we proceed.

Sunday May 21 Star of Bethlehem for Kids festival will be attended by the club, the support trailer and operations will take place in Bethlehem

New Business: None noted

New members applications: None noted

Sick Call: None Noted

Good of the Order: None

A motion to close the April 2023 meeting was made by Myles KB3ZMA and seconded by Jeff WA3PNY

Motion Passed = Y

Meeting adjourned at 924 PM

Respectfully Submitted Steve Olock KS3RO, Secretary

On The Air Nets for W3OI

Club Net Monday 730PM 146.94

Monday 815 2M SSB 144.250

Wed 7PM dstar / digital d-rats / 147.7125

Thursday 8PM FM Simplex 147.420 5-8

10 Highlights in this VOX

- 1. The June LVARC meeting will be held using ZOOM AND In Person on **Tuesday June 6** at **7:30p**.
- 2. Field Day directions.
- 3. Send your articles, pix., etc. for inclusion in the VOX to Mark (AK3M).
- 4. Submit your "What Ever Happened To ..." / "Do you remember?"
- 5. LVARC ID badges.
- 6. St. Luke's Half Marathon TNX.
- 7. Field Day quiz.
- 8. August 16 test session change.
- 9. Baofeng headset for HTs.
- 10. How to become an ARRL VE.





Happy Field Day 2023!



