



The VOX



The Official Newsletter of the
Lehigh **V**alley **A**mateur **R**adio **C**lub - W3OI / KB3SYV
Allentown, Pennsylvania (Lehigh County) - USA

2022 Officers

President: **Myles Bodisch** - KB3ZMA (KB3ZMA@gmail.com)s
Treasurer: **Paul Ryan** - N0KIA (paul.f.ryan@gmail.com)

2022 Board of Governors

Phil Bigg - KB3HMK (PHILBERT17@ptd.net)
Matthew Kriebel - KB3UZE (kriebz@gmail.com)
Dan Longo- KB3HWD (longodg@yahoo.com)
Mark Miller - AK3M (AK3M@rcn.com)
Rod Wolfe - N3XG (n3xg.radio@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.**

- | |
|--|
| <ul style="list-style-type: none">* 147.735/147.135 (DCS 315)
Automatic Mode Select. Analog* FM or YSF, Yaesu System Fusion), |
|--|

Many club announcements will be heard there

The **April** LVARC meeting will be held on **Tuesday April 5, 2022** using **ZOOM AND In-Person** at **7:30p.**

The scheduled program: “**LVARC ARES Overview.**” - **Mark (AK3M)**

Plan to attend this Meeting

The LVARC holds it's monthly meeting the **FIRST TUESDAY** of every month **BOTH In Person AND** 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 AK3M@rcn.com for details.

REGISTRATION IS REQUIRED

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

UpComing 2022 LVARC Programs

April 5 - “**LVARC ARES Overview**” - Mark (AK3M)

May 3 - “**Portable HF Radios**” - Scott (KB3YOT)

Note: — Programs or topics are subject to change.



This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<h2>April 2022</h2>					1	2
						
3	4	5	6	7	8	9
	<div style="background-color: #ff4500; color: white; padding: 5px; margin-bottom: 5px;"> LVARC Net 7:30p </div> KB3YOT <div style="background-color: #ffff00; padding: 2px; font-size: small;"> 2m AM/SSB Net - 8:15p </div>	<div style="background-color: #0056b3; color: white; padding: 5px; margin-bottom: 5px;"> LVARC Meeting 7:30p </div>	<div style="background-color: #800080; color: white; padding: 5px; margin-bottom: 5px;"> D-Star Net 7:00p </div>			
10	11	12	13	14	15	16
Rookie Roundup Phone 	<div style="background-color: #ff4500; color: white; padding: 5px; margin-bottom: 5px;"> LVARC Net 7:30p </div> KB3UZE <div style="background-color: #ffff00; padding: 2px; font-size: small;"> 2m AM/SSB Net - 8:15p </div>		<div style="background-color: #800080; color: white; padding: 5px; margin-bottom: 5px;"> D-Star Net 7:00p </div>			
17	18	19	20	21	22	23
Easter 	<div style="background-color: #ff4500; color: white; padding: 5px; margin-bottom: 5px;"> LVARC Net 7:30p </div> N3XG <div style="background-color: #ffff00; padding: 2px; font-size: small;"> 2m AM/SSB Net - 8:15p </div>	<div style="background-color: #008000; color: white; padding: 5px; margin-bottom: 5px;"> LVARC "Hands On Night" 7:30p </div>	<div style="background-color: #800080; color: white; padding: 5px; margin-bottom: 5px;"> D-Star Net 7:00p </div>			
24	25	26	27	28	29	30
	<div style="background-color: #ff4500; color: white; padding: 5px; margin-bottom: 5px;"> LVARC Net 7:30p </div> N3RPV <div style="background-color: #ffff00; padding: 2px; font-size: small;"> 2m AM/SSB Net - 8:15p </div>		<div style="background-color: #800080; color: white; padding: 5px; margin-bottom: 5px;"> D-Star Net 7:00p </div>			

2022 LVARC Test Session Schedule



May 20 2022
August 19 2022
October 21 2022



Registration is NECESSARY.

To register, contact Mark (AK3M) at AK3M@rcn.com.

Test Information Update

The new Technician test will take effect
on July 1, 2022

What Ever Happened To ...?

Full service gas stations?

(Where they checked tires, oil, washed windows, etc.)



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

The **Hanover Township Spring 5K** will be held on **Saturday June 11, 2022 starting at 0900.**

Contact Mark (AK3M) for more information or to volunteer at AK3M@rcn.com.



Your your help is needed!
Mark your calendar
and volunteer now.

ARES Vests - de Mark (AK3M)

Do I need a vest to participate in an ARES event? **NO**, vests are not required to participate in an ARES event. Vests are recommended however, as wearing a vest will help event staff and event participants identify you in case they need help. They may not know what you do, but it will allow them to approach you if they have any questions or need help.

If you do want to get a vest, there are many kinds. The more expensive the vest, the more pockets it may contain. Vest pockets will allow you to easily carry your HT and accessories.

Harbor freight sells vests for as little as \$3.97 or the ARRL also has vests available for varying prices.



Where Did the Easter Bunny Originate?



According to some sources, the Easter bunny first arrived in America in the 1700s with German immigrants who settled in Pennsylvania and transported their tradition of an egg-laying hare called “Osterhase” or “Oschter Haws.”



Something to Look Forward To

Field Day 2022 will be held on **June 25 and 26**. The LVARC will be holding Field Day at the Brickyard site again this year. Listen to the net and read the VOX for details as they develop.



Warning

READER SUBMISSION

George Miller (W3GWM)
ARRL Eastern Pennsylvania Section Manager
w3gwm@arrl.org

Cycle 25 is shaping up to be an outstanding experience **BUT** "**Please exercise care to not operate outside of your allotted privileges.** Recent reports from Riley Hollinsworth, K4ZDH, are revealing **some Hams are not observing FCC Rules and are operating out of band.**

Technician licensees have been found all over the bands instead of where they have been granted privileges.

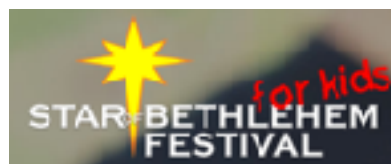
Tech's aren't the only people abusing privileges. General and Advanced Class licensees have been observed yielding to temptation and going after that DX Station that's just out of reach.

Spend a few minutes at your next club meeting reminding your members that Amateur Radio is a privilege NOT a right. Abuse it and lose it.

If you want expanded privileges, UPGRADE!

Warnings have been issued to many Hams this month (February 2022)."

The ***Star Of Bethlehem Festival for Kids*** will be held on Sunday May 15. This festival will be held rain or shine. It is designed to educate children in art, science and the performing arts.



The festival starts at 12:00p and ends at 4:00p. It will be held at 123 W. Lehigh St, Bethlehem, PA 18018.

<https://starofbethlehemfestival.org/star-of-bethlehem-festival-for-kids>

The LVARC communications trailer is expected to be there!

"The great gift of Easter is hope."

– Basil Hume



The St. Luke's Half Marathon will be held on Sunday April 24.

This event has not been held for three years but is resuming on the 24th. This is a half marathon (13 miles) and is expected to last about 4 hours.

Your help is needed! This is the first ARES activity of 2022 followed by the Hanover Township Spring 5K on June 11.

If you can spare a few hours to volunteer your communications expertise, contact Mark (AK3M) at AK3M@rcn.com.

Chameleon EMCOMM 2 60' end fed (brand new in box) 50' coax \$110.00 antenna alone costs \$130.00. Email James (KB3WGE) at kb3wge@yahoo.com or call (610) 983-7918.



The LVARC license was due to expire on March 24, 2022. TNX to Paul (N0KIA), the W3OI club license has been renewed. It is now good until March 24, 2032.

Check **your** license and don't let it expire.

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION
AMATEUR RADIO LICENSE
CLASS

ANTEN: GORE SICK
LEHIGH VALLEY PARC
5814 LEHIGHCREEK ST
QUAKERTOWN PA 18951

NYC Registration Number: 0000210000

Class	Expires	Class	Expires
General Class	03-24-2022	Public Class	03-24-2032
File Number	Operator Privilege		Station Privilege
N0KIA11			CLUB

THIS LICENSE IS NOT TRANSFERABLE

Licensee's Signature: [Signature]
NYC Date: August 2021

LVARC Net Manager

Rod (N3XG) has taken the new position of **LVARC Net Manager**. *See page 11.*



Emergency Communications Trailers Aren't Just for Emergencies

In 2021, the Rural Radio Preparedness Association, an ARRL affiliated club and sponsoring organization of Santa Rosa County (Florida) ARES, was donated funds to purchase a cargo trailer for use in emergency communications. Several members of the ARES team donated time and money to outfit the trailer.

In addition to emergency communications, one of the main goals was to use the trailer for public education of amateur radio.

<http://www.arrl.org/FandES/field/ares-el/?issue=2022-03-16>

Sounds like the LVARC is on track with others!

March LVARC Test Session

At the March 18, 2022 test session, 8 tested and 8 passed. **CONGRATULATIONS** to:



Joe Tomanik - Tech
Justin Schurawlow - Tech
Mergim Berisha - Tech
Steve Levine (K2OPA) - Extra

Kevin Altmiller - Tech
Fredric J Moskowitz - Tech
Mark Davis - Tech
John Gallagher - Tech

VE's in attendance included **Mark** (AK3M), **Walt** (KE3SP) and **Don** (NOVGA).

2022 LVARC ARES Events

If all goes well and past local events happen this year, here is a the list of ARES events for 2022. **Your help is needed.** Specific dates will be announced and be in the VOX. **Check your calendar and volunteer early!**



April 24 - St. Luke's Half Marathon

June 11 (Saturday) — Hanover Township Spring 5K

September (Sunday) — VIA Marathon

October (Saturday) — Women's 5K Classic

November (Sunday) — Delaware & Lehigh Heritage Half Marathon Run/Walk

To volunteer for any ARES event, contact Mark (AK3M) at AK3M@rcn.com or call 610-428-44-75.q

To volunteer for the D&L Half marathon (November), contact Rod (N3XG) at n3xg.radio@gmail.com.

NETIQUETTE

Remember to ID when keying the repeater. "Kerchunking" without identifying is bad practice.

Remember to keep your email, postal address, call and license class current with the LVARC, ARRL and FCC.



Check the expiration of your license. Don't let it lapse!

Donated from Homer (N3VPA) (a former LVARC member):

These items are meant for newly licensed hams, those that are just starting out, or have limited means.

Please contact Rodney N3XG if you have interest or want additional information at N3xg.radio@gmail.com



Both radios are tested and working. You would need a power supply and antenna.

Yaesu FT-3000M 2m <https://www.rigpix.com/yaesu/ft3000.htm>

- Manual for radio
- New mic is suggested (MH-36) due to wearing at connection point.

Icom IC-28H 2m <https://www.rigpix.com/icom/ic28h.htm>

- Comes with Earthmate GPS receiver from Delorme
- KPC-3 plus TNC with manual
- Pre-wired hand-mic with leads for TNC
- Manual for radio



KAM Kamtronics All-Mode version 5.0

KPC-2 TNC



CSI – CS-900 telephone interconnect

Antenna Switch – two position – MFJ-1702B – SO-239

Antenna Switch – Two Position – Alpha Delta (Delta2)



Antenna Switch – Four Position – MFJ-1704



New Net in Town!

READER SUBMISSION

de Scott KB3YOT

Come join us for a weekly SSB round table net every Monday night at 8:15 PM local time on 144.250 USB. It's a load of fun and will give you some practice in another aspect of amateur radio that you may not have done before or haven't done for a long time.

We hope you will join us every Monday night after the ARES net.

News From the Net Manager

READER SUBMISSION

de Rod (N3XG)



So far, we have the following standing nets:

Monday - 7:30 pm - 146.940 (-) T 71.9 LVARC / Lehigh County ACS Net

Monday - 8:15 pm - 144.250 SSB LVARC 2 Meter Side Band Net

Wednesday - 7:00 pm - 447.7125 (DV) Lehigh Valley Digital Net / Dstar and Digital Text

Thursday - 7:00 pm - 447.7125 (DV) Eastern PA Cross Mode Net

Thursday - 7:00 pm - 441.600 (DMR CC1) Eastern PA Cross Mode Net TG 31425

LVARC VE QUIZ

The LVARC has how many qualified Extra class **V**olunteer **E**xaminers (VEs)?

1. 5
2. 7
3. 10
4. 13



Answer in the May 2022 VOX.



The LVARC is an active club with lots happening!

For upcoming events and activities, read the VOX, attend a meeting and check into the LVARC Night Net at 7:30p every Monday night on the 94 repeater.

Free On Line Amateur Radio Operating Class Starts April 7 2022

READER SUBMISSION

de Jeff (WA3PNY)

We are once again doing our “**Operating Classes**” sponsored by the *Amateur Radio Club of the National Electronics Museum*.

Free weekly 3-hour Zoom sessions providing info on a wide range of Amateur Radio Operating Activities will start on Thursday April 7 and run through June 9 at 6:30 PM Eastern time. Session will be taught by experts, and the subjects include:

- * **All About Operating** — A general Introduction
- * **Amateur Radio Organizations** — Local to International
- * **Ham Radio Awards**
- * **DXing-History and Tips** from the Experts
- * **QSLing** - How to get that needed card for DXCC or WAS
- * **VHF/UHF Weak Signal Work and “Roving”**
- * **Image Operating** — Slow Scan and Fast Scan TV
- * **Remote Station control over internet**
- * **Learning CW in the no-code era**
- * **Digital Modes** — From RTTY to FT8 and beyond
- * **Contesting** — How to get started, tips for the beginner and intermediated contester
- * **Logging Software** — What’s available, how to use
- * **Propagation** — A general intro to HF Propagation
- * **Amateur Satellites** — How to get started
- * **Portable (backpacking) operation** — Tips from an expert
- * **Setting Up a Modern** (or not so modern) HF Station
- * **Lightning Protection and Grounding**
- * **Traffic Handling**
- * **Public Service, Emergency Communications**



A detailed syllabus will be published before the classes begin. Attend them all, or any that you like, but you must register for the classes. To receive registration information, contact Rol Anders, K3RA, at roland.anders@comcast.net.

Thanks,
Rol, K3RA

Minutes of the March 2022 W3OI Amateur Radio Club

March 2022 03/01/2022

Combo Local and Remote via Zoom

The Meeting was called to order by MB @ 1931

Secret Word, Rheostat

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

Raise hand to signify a nay vote

18 members in total were local and online

Online was interactive with full communications for both local and remotes

ATTENDEES

There were a total of members in attendance 11 remote members (as per the email method) and 8 Local Attendees.

The following Board Members were present at the meeting:

President – Myles Bodisch PRESENT

Vice President – Jeff Bauer PRESENT

Treasurer - Paul Ryan PRESENT

Secretary - Steve Olock PRESENT

Board Members:

Mark AK3M PRESENT

Phil KC3HMK PRESENT

Matt KB3UZE PRESENT

Rod N3XG PRESENT

Dan KC3HWD PRESENT

AGENDA

Motion to approve the minutes as published in the Vox

Motion:W3CDY Chuck and 2nd by KC3HWD Dan

Motion Passed

Guests: None noted

Program: Grounding presentation by Myles

Treasurer's Report (Paul - N0KIA)

Paul presented his treasurer report

Income from memberships represented the only income.

Motion to accept treasurer's report by N3XG Rod, 2nd by W3CDY Chuck

Motion Passed

Item2: Vanguard letter has been signed and we are currently moving forward with the financial savings as previously discussed

Item 3: IRS Filing has been made for 2021.

Committee Reports:

Communications:

Website Discussion:

W3CDY: Current site is not up to standards nor is controllable

W3CDY Raised a security concern with wordpress security issues

Tom WW3TRG will chair a committee to investigate new website, Steve KS3RO, Chuck W3CDY, Richard KC3FEZ with Paul N0KIA advising. Services will be quoted by Matt Vanderhoff who has done professional work with Tom previously.

Contact Chuck (W3CDY@arrl.net) with any issues not currently noted
Mark AK3M

ARES and VE Reports for the March 1, 2022 LVARC Meeting

VE Report

The next LVARC test session will be held on Friday March 18, 2022 at Hanover Elementary School at 6:00p. At this time, there are six scheduled to test. May 20th is the next scheduled session. Registration is necessary. For more information or to register for a test session, contact Mark (AK3M) at AK3M@rcn.com.

ARES Report

The Hanover Township Spring 5K will be held on Saturday June 11, 2022 at 9:00a. About 12 volunteers will be needed. To volunteer or for more information, contact Mark (AK3M).

Phil Bigg has Star of Bethlehem festival May 15th, Sunday

Today's secret work is Rheostat , email to KS3RO@arrl.net

Please whitelist lvarc.w3oi@gmail.com and paul.ryan@gmail.com and kb3zma@gmail.com if you have rcn or ptd for email address to allow yourself to receive the emails from the club

Repeater: N3XG Rod : DStar stack is not 100%, the gateway is connected, but Connection between virtual and repeater is not in yet.

Both analog setups have been in good state

We (the club) have more than benefited by donors and hosts for our repeaters.

Club Station / Trailer: Nothing new for the trailer.

Antiskid Pieces for the ramp

Old Business:Elmer program is something that needs to be resurrected and brought current for the benefit of the club and its members.

As previously approved, we have added a Wireless mic for the zoom session and we are using a conference speaker as well

Dues were due, please make the payment and get it into Paul

(PAUL RYAN, NOKIA 5814 LINDBERGH ST OREFIELD, PA 18069)

New Business:

Paul: Clubs license is expiring May 2022. CSCSA is used to reapply for the license

The club trustee will change to Steve Olock, KS3RO for 2022

N3XG, Rod, Has volunteered to take on a roll of elmering and maintaining net manager

An email will come from Rod to ascertain talents and needs for more involvement in ham radio.

Field Day site will continue this year at the same site on 6/25

Class D to D counts again, More details to come next month.

BOG has completed the audit of financials.

New Members: None noted for this month

Sick Call: No none members on the sick call

Good of the Order

W3CDY: shared details about the GD73, a DMR Radio .5 and 2 watt hotspot \$73 range for price

W3CDY UV9R+ Baofeng 8 watts claimed but unknown provenance

W3CDY; Clear tube microphone headset for baofeng radios Chuck has some for sale for \$5

N3XG 443.350 is back on the air, and on the allstar network

NOKIA Mid month will have a Hands on night 2 weeks from day may 15th at the

Scott KB3YOT : 144.250 USB SSB net follows the weekly net and sometimes AM follows that

The LVARC Monthly Business Meeting Closed at (EST)2030

Motion to accept made by: W3CDY, 2nd by WW3TRG

Motion Passed

Respectfully Submitted Steve Olock KS3RO, Secretary



This Just In !!!

The FCC's test fee increase is now reality. **The test fee has increased from \$15.00 to 35.00.**

This increase includes **new** and **renewed** licenses, as well as **upgraded** licenses and **vanity call signs**. This will **take effect on April 19, 2022**.

Anticipating the implementation of the fee in 2022, the ARRL Board of Directors, at its July 2021 meeting, approved the "ARRL [Youth Licensing Grant Program](#)." **Under the program, ARRL will cover a one-time \$35 application fee for license candidates younger than 18 years old for tests administered under the auspices of the ARRL Volunteer Examiner Coordinator (ARRL VEC).** Qualified candidates also would pay a reduced exam session fee of \$5 to the ARRL VEC. ARRL is finalizing details for administering the program.

VECs and Volunteer Examiner (VE) teams will not collect the \$35 fee at license exam sessions. New and upgrade candidates at an exam session will continue to pay the \$15 exam session fee to the ARRL VE team as usual, and pay the new, \$35 application fee directly to the FCC by using the CORES FRN Registration system ([CORES - Login](#)).

When the FCC receives the examination information from the VEC, it will email a link with payment instructions to each successful candidate who then will have 10 calendar days from the date of the email to pay. After the fee is paid and the FCC has processed an application, examinees will receive a second email from the FCC with a link to their official license or explanation of other action. The link will be good for 30 days.

NEWLY LICENSED HAMS

Those who tested at the March 18, 2022 test session received their calls on Friday March 25, 2022.

Welcome to the hobby!

Joe Tomanik - **KC3TUN**
Fredric J Moskowitz - **KC3TUO**
Kevin Altmiller - **KC3TUP**
Justin Schurawlow - **KC3TUQ**
John Gallagher - **KC3TUR**
Mark Davis - **KC3TUS**



10 Highlights from this VOX

1. The **April LVARC meeting** will be held using **ZOOM AND In Person** on **Tuesday April 5 at 7:30p.**
2. ARES vests
3. Send your articles, pix., etc. for inclusion in the VOX.
4. Submit your "*What Ever Happened To ...*"
5. LVARC license renewed
6. LVARC Field Day 2022
7. ARES vests
8. New Technician test takes effect July 1, 2022
9. Do **NOT** operate out of your privileges to get that DX station!
10. St. Luke's Half Marathon

