



The VOX



The Official Newsletter of the
Lehigh Valley Amateur Radio Club - W3OI / KB3SYV
Allentown, Pennsylvania (Lehigh County) - USA

2022 Officers

President: **Myles Bodisch** - KB3ZMA (KB3ZMA@gmail.com)
Vice President: **Jeff Bauer** - WA3PNY - (BAUERJV@MAC.COM)
Secretary: **Steve Olock** - KS3R0 - (solock@gmail.com)
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 June LVARC meeting will be held on Tuesday June 7, 2022 using **ZOOM AND In-Person** at 7:30p.

The scheduled program: **“2022 Feld Day Plans”**
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

June 7 - **“Field Day Plans”**

Note: — Programs or topics are subject to change.



This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div style="background-color: green; color: yellow; text-align: center; padding: 20px;"> <h2>June 2022</h2> </div>			1	2	3	4
				<div style="background-color: purple; color: white; padding: 5px; text-align: center;"> D-Star Net 7:00p </div>		
5	6	7	8	9	10	11
	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> LVARC Net 7:30p N3XG </div> <div style="background-color: yellow; padding: 2px; text-align: center; font-size: small;"> 2m AM/SSB Net - 8:15p </div>	<div style="background-color: blue; color: white; padding: 5px; text-align: center;"> LVARC Meeting 7:30p </div>	<div style="background-color: purple; color: white; padding: 5px; text-align: center;"> D-Star Net 7:00p </div>	<div style="background-color: orange; padding: 5px; text-align: center; font-size: small;"> 2m FM SIMPLEX net 147.420 8:00 Thursdays </div>		<div style="text-align: center;"> Hanover Township Spring 5K  </div>
12	13	14	15	16	17	18
<div style="background-color: lightblue; padding: 5px; text-align: center; font-size: small;"> 10m USB 28.420 Sundays 10:00a </div>	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> LVARC Net 7:30p N3RPV </div> <div style="background-color: yellow; padding: 2px; text-align: center; font-size: small;"> 2m AM/SSB Net - 8:15p </div>	<div style="text-align: center;"> Flag Day  </div>	<div style="background-color: purple; color: white; padding: 5px; text-align: center;"> D-Star Net 7:00p </div>	<div style="background-color: orange; padding: 5px; text-align: center; font-size: small;"> 2m FM SIMPLEX net 147.420 8:00 Thursdays </div>		
19	20	21	22	23	24	25
<div style="text-align: center;"> Father's Day <div style="background-color: lightblue; padding: 5px; text-align: center; font-size: small;"> 10m USB 28.420 Sundays 10:00a </div> </div>	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> LVARC Net 7:30p WW3TRG </div> <div style="background-color: yellow; padding: 2px; text-align: center; font-size: small;"> 2m AM/SSB Net - 8:15p </div>	<div style="background-color: green; color: yellow; padding: 5px; text-align: center;"> LVARC "Hands On Night" </div>	<div style="background-color: purple; color: white; padding: 5px; text-align: center;"> D-Star Net 7:00p </div>	<div style="background-color: orange; padding: 5px; text-align: center; font-size: small;"> 2m FM SIMPLEX net 147.420 8:00 Thursdays </div>		<div style="background-color: lightgreen; text-align: center; padding: 5px;">  Field Day </div>
26	27	28	29	30		
<div style="background-color: lightgreen; text-align: center; padding: 5px;">  Field Day </div>	<div style="background-color: red; color: white; padding: 5px; text-align: center;"> LVARC Net 7:30p AK3M </div> <div style="background-color: yellow; padding: 2px; text-align: center; font-size: small;"> 2m AM/SSB Net - 8:15p </div>		<div style="background-color: purple; color: white; padding: 5px; text-align: center;"> D-Star Net 7:00p </div>	<div style="background-color: orange; padding: 5px; text-align: center; font-size: small;"> 2m FM SIMPLEX net 147.420 8:00 Thursdays </div>		

The **Hanover Township Spring 5K** (*Women Move for Health*) will be held on **Saturday June 11, 2002 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.



READER SUBMISSION

de Larry (NR3R)

The High Frequency Global Communications System (HFGCS) is a network of single sideband shortwave transmitters of the United States Air Force which is used to communicate with aircraft in flight, ground stations and some United States Navy surface assets. All worldwide receiving and transmitting sites in the HFGCS system are remotely controlled from Andrews Air Force Base and Grand Forks Air Force Base. Before 1 October 2002 it was known as the Global High Frequency System (GHFS).

The primary HFGCS voice frequencies are 4724.0 kHz, 8992.0 kHz, 11175.0 kHz, and 15016.0 kHz. In addition to the HFGCS, U.S. aircraft frequently use Military Auxiliary Radio System (MARS) HF stations (13927.0 kHz) and Canadian Forces HF stations (11232.0 kHz) to relay messages.

One common use for the HFGCS is to place telephone calls from the aircraft in flight by means of the Defence Switched Network (DSN) to an U.S. Air Force base. The HFGCS also carries Emergency Action Messages (EAMs). (Info from Wikipedia)

2022 LVARC Test Session Schedule



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 ...?

Silver aluminum milk boxes?



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

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!**



June 11 (Saturday) — Hanover Township Spring 5K

October 1 (Saturday) — Women's 5K Classic

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



What does “hi” or “hi hi” mean in ham radio?

(From the May 2022 issue of the VOX)

“Hi” or “hi hi,” in ham radio means *laughter*.

Its origin is from CW. It is impossible to indicate something funny, so “hi” gets the job.



Field Day 2022 will be held on June 25 & 26

Results of the May 20, 2022 LVARC Test Session



Three tested at the May 20, 2022 LVARC test session.

CONGRATULATIONS to **Max Paine** and **Steven Armstrong** who earned their Technician license and **Scott Vanek (KC3LNB)** who upgraded to General.

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

The next test session is scheduled to be held on Friday August 19, 2022.



How Can I Help with the 2022 LVARC Field Day Preparations and Operations?



If you intend to participate in the 2022 LVARC Field Day and want to help, listen to the Monday Night Net or attend the June LVARC meeting to find out how. People will be needed to coordinate food, setup, move equipment, operate radios, tear down on Sunday and more. Your help will make this Field Day experience another blockbuster event for the LVARC and the hobby.



There will be an Emergency Preparedness Expo on **September 10** from **4:00p to 7:00p** at **Springhouse West Park - 4320 Farm Drive**.

Following the open house (at about 7:30), will be a firefighter's movie geared to children.

The LVARC communications van will be available for those attending to visit. If you are interested in helping to man the van, contact Mark (AK3M) at AK3M@rcn.com.

New Members



At the May 3, 2002 meeting, two new hams were voted in as LVARC members. The club welcomes **Mike Bristol (KC3HOJ)** and **Mike Fiore (WE4PIN)**.

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? Well, 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!



Don't forget that MP Outfitters in Allentown has the LVARC logo on file and will put it on shirts or other gear.

MP outfitters can be found on 2733 W. Emmaus Ave, Allentown. You can call **610-797-6900** or visit their website at PD PM <https://www.mpoutfitters.com/index> .

Any LVARC VE is invited to attend an LVARC test session. If you need to renew your VE certificate or simply want to attend a current test session contact Mark (AK3M).

Two New Nets In Town!

de Rod (N3XG)

Starting June 9, 2022, there will be two new LVARC nets.

(1) 2m FM SIMPLEX Net - 147.420 Thursday nights at 8:00p

(2) 10m USB Net - 28.420 - Sunday mornings at 10:00a

We are looking for additional Net control stations! The training is free, the hours are weird, and the pay is free. But you don't have to leave home!

The first ARRL first Field Day was held in 1933.

That marks this year's FD as the 89th event.





The LVARC webpage is updated and become active on May 26, 2022!

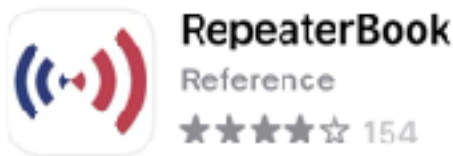
TNX to Matt Vanderhoff (N3VAN) of Vanderson Technologies. The website committee included Steve Olock (KS3RO), Chuck Ballard (W3CDY), Richard Weddigen, (KC3FEZ), Paul Ryan (NOKIA) and Tom Gyory (WW3TRG).

Lots happening at the LVARC!



Keep informed by listening to the Monday Night Net every Monday at 7:30p on the 146.94 repeater, read the VOX and attend meetings.

Print the calendar from page 3 and display in a prominent place.



**A Great Application!
for Your Phone!**

A great application is available for your phone. The **RepeaterBook** is available for free from the Apple Store. Don't be caught on a trip without this app. No need to carry the repeater book around when all is available on your phone and this app.

If you have questions about Field Day 2022, attend the June 7 LVARC meeting and get all your questions answered!



The weather was perfect to be outside and four LVARC members took advantage of the sunshine and nice temperatures to demonstrate amateur radio.



The Star of Bethlehem Kid's Festival was held on Sunday May 15, 2022. The goal of the festival was education and an introduction to many forms of art.

TNX to rod (N3XG) for towing and setting up the LVARC communications trailer. It was set up in the parking lot and was a great attraction for those who stopped to talk about what ham radio was.

Those LVARC members who attended included **Phil** (KB3HMK), **Rod** (N3XG), **Dan** (KC3HWD) AND **Mark** (AK3M).



Minutes of the May 3, 2022 Meeting of the W3OI Amateur Radio Club

Combo Local and Remote via Zoom

The Meeting was called to order by MB @ 19:30

Secret Word, was not presented, Emailed to KS3RO@ARRL.NET

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

Raise hand to signify a nay vote

Members attendance was 23 with 7 of them remote.

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

Matt KB3UZE

Rod N3XG PRESENT

Dan KC3HWD PRESENT

AGENDA

A Motion was made to approve the April minutes as published in the Vox

Motion: Scott KB3YOT and 2nd by Rick KC3EXO

Motion Passed -Y

Guests: None Noted

Program: Scott, KB3YOT Topic Portable HF Overview of equipment and packs

Hands on night is scheduled for Actual operations with Portable HF

June presentation will be 2022 Field Day Prep.

Field day will be June 25th and 26th (Last full weekend in June)

Treasurer's Report (Paul - N0KIA)

Paul presented the financial report, usual expenses, covered some accessories that were purchased. Payment was made to TDS for previous years of website domain registry.

4 new memberships bringing the total paid membership to 81

Motion to accept the Treasurers report was made Daniel, KC3HWD and 2nd by Walt KE3SP

Motion Passed: Y

Committee Reports:

Communications: None:

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

Website Discussion:

Matt, Our web developer has built a website that is almost ready.

Contact was made with Matt's assistance and TDS, the current host has tendered a fee request representing our 10 years of renewal, and the board has decided to pay the balance which was not unreasonable.

Today they confirmed my terms and timeline and we will be going live in the next few weeks.

Promotion of the exploratory committee to a management committee for the website

W3CDY N0KIA KS3RO KC3FEZ and WW3TRG. Contact Chuck (W3CDY@arrl.net) with any issues not currently noted

ARES and VE Reports by Mark AK3M

ARES REPORT

On Sunday April 24, 2022, sixteen LVARC members turned out to provide communications support for the St. Luke's Half Marathon. The weather was terrific and the event went off without a hitch. Event coordinators were pleased with our performance and have asked us back to do the same next year's (2023) event.

The next LVARC ARES event will be the Hanover Township Spring 5K to be held on Saturday June 11, 2022 at 0900. Operators are needed. Contact Mark (AK3M) to volunteer.

For a complete list of future 2022 ARES events, see the VOX and listen to the Monday Night Net.

VE REPORT

The next LVARC test session is scheduled to be held on Friday May 20, 2022. As of this report (May 3), two are scheduled to test. The new FCC fee was in effect as of April 19, 2022.

Fee Synopsis: Blah Blah

Registration is necessary. For more information or to register for a test session, contact Mark (AK3M) at AK3M@rcn.com.

Repeater: Repeaters .94, and .135 are all doing well, dstar needs static ip to be able to finalize the return to full functionality of the DStar repeater

Some nets noted such as

:Thursday, 2M fm net 8PM

:Sunday 10M at 10AM SSB

Some interference on .94 and was also noted during the last event.

Keep your ears on the repeater to note any tells as to who or where it may be coming from

Club Station / Trailer:

Rick KC3EXO and John AC3LB did some work on the trailer, new battery boxes and switches were installed therefore for all intents Power is done

Some relay wiring is needed on mast control yet to be completed

Old Business:

May 15th, Phil KB3HMK, Kidsfest event planned for Bethlehem, would like the trailer onsite if we can and needs people to demonstrate at Kidsfest

HF or 2M 12-4 time frame please contact Phil for details

Sept 10th event, Emergency preparedness for South Whitehall Township, will be at ??, in Whitehall.

New Business:

W3OI Trustee transfer from AA3IX to KS3RO is being submitted

New Members:

Mike WE4PIN (T) Edison, NJ 08817

Michael J Bristol (G) KC3HOJ Allentown, PA 18103

Motion to accept new members was made by John AB3LZ and 2nd by Dan KC3HWD

Motion Passed

It was noted that there are 81 current members

Sick Call:

No none members on the sick call

Good of the Order:

None

The LVARC Monthly Business Meeting Closed at (EST)2027

Motion to accept made by Scott KB3YOT and 2nd by KBUZE

Motion Passed

Respectfully Submitted Steve Olock KS3RO, Secretary

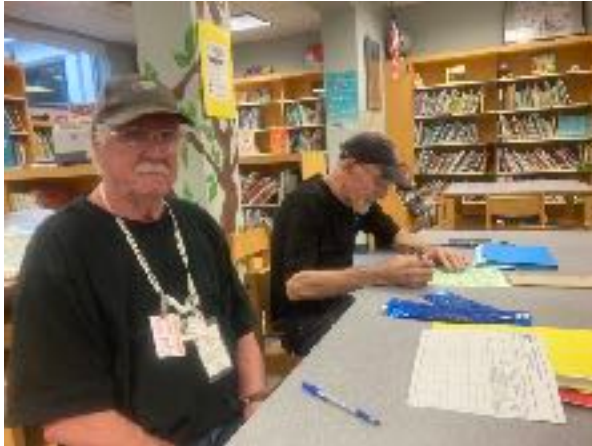
New Hams!!! Those who tested at the May 20, 2020 test session received their calls on Friday May 27, 2022. **CONGRATULATIONS** to **Max Paine (KC3UHO)** and **Stephen Armstrong (KC3UHP)**!

Welcome them to the hobby when you hear them on the air.

LVARC VE Team at Work!

Following are pictures of the LVARC VE team. They have worked tirelessly attending all test sessions and deserve recognition. Pictured here are, **Walt (KE3SP)**, **Don (N0VGA)** and **Mark (AK3M)**.

Any LVARC VE is invited to attend any test session.



If you participated in the LVARC Field Day and would like to share your experience with the club, send your narrative with or without pictures to Mark (AK3M) at AK3M@rcn.com

Directions to the 2022 LVARC Field Day Site

1. From Route 22, take Rte. 309 North
2. Turn RIGHT onto Huckleberry Road
3. Turn RIGHT onto Brickyard Road
4. Drive to end of Brickyard Rd.

1900 Brickyard Rd., Allentown, PA

Please remember that the railroad tracks are active and unguarded. STOP, LOOK and LISTEN.

10 Highlights from this VOX

1. **The June LVARC meeting** will be held using **ZOOM AND In Person** on **Tuesday June 7 at 7:30p.**
2. Hanover Township Spring 5K
3. Send your articles, pix., etc. for inclusion in the VOX.
4. Submit your *“What Ever Happened To ...”*
5. New Technician test takes effect July 1, 2022
6. Directions to the 2022 LVARC field day site.
8. What **IS** Field Day?
9. New LVARC members
10. **Two** new nets in town!



and more ...