



The VOX



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

2021 Officers

President: **Myles Bodisch** - KB3ZMA (KB3ZMA@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)

2021 Board of Governors

John Bartos - AB3LZ (e03145jab@gmail.com)
Matthew Kriebel - KB3UZE (kriebz@gmail.com)
Mark Miller - AK3M (AK3M@rcn.com)
Rick Pearce - KC3EXO (rickp.127@gmail.com)
Rod Wolfe - N3XG (n3xg.radio@gmail.com)

VOX Editor - **Mark S. Miller** (AK3M) ---- (AK3M@rcn.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 “Virtual Meeting”** will be held on **Tuesday June 1**, 2021 using **ZOOM** at **7:30p** (local time).

The scheduled program: **“2021 Field Day Preparation”**

Plan to attend this “Virtual Meeting”

The LVARC holds it’s monthly meetings on the **FIRST TUESDAY** of every month On Line using **ZOOM** at **7:30p Eastern time.**

LVARC TEST SESSIONS

The LVARC has had to change its test session schedule due to COVID. Test sessions will be scheduled when 8-10 applicants are on the waiting list.

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 2021 LVARC Programs

June 1 - 2021 Field Day preparation

Note: — Programs or topics are subject to change.



Look for this symbol to indicate Field Day information in this VOX.

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 LVARC Meeting 7:30p via ZOOM 7:30p	2	3 D-Star Net 7:00p	4	5
6	7 LVARC Net 7:30p KC3AFU	8	9	10 D-Star Net 7:00p	11	12
13	14 LVARC Net 7:30p KB3UZE	15 LVARC Hands On Night via ZOOM 7:30p	16	17 D-Star Net 7:00p	18 LVARC Test Session 6:00p	19
20  First Day of Summer	21 LVARC Net 7:30p N3XG	22	23	24 D-Star Net 7:00p	25	26 
27 	28 LVARC Net 7:30p WW3TRG	29	30	June 2021		



What IS Field Day?

de Mark (AK3M)

Field **D**ay 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!



June LVARC Test Session



There will be a test session on Friday **June 18** at the Tri-Clover Fire Company in Orefield at **6:00p.**

REGISTRATION IS REQUIRED. Contact Mark (AK3M) at AK3M@rcn.com or call 610-428-4475 to register.

2021 LVARC Field Day Information

The LVARC Field Day activity will be held as an “In Person” event this year! 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!***

**The first ARRL Field Day was held in 1933
(88 years ago)!**

FD



Scheduled LVARC Programs

June - Field Day Preparations

FD

NOTICE

Due to the COVID distancing recommendations, possible bad weather and needing an FRN prior to the test, there will be NO Walk In Test session on the LVARC 2021 Field Day weekend.

Instead, there will be a regular test session on Friday evening June 18, 2021 at the Tri Clover Fire Company.

REGISTRATION IS NECESSARY. To register, contact Mark (AK3M) at AK3M@rcn.com or call **610-428-4475**.



**HELP YOUR CLUB!
HELP YOUR COMMUNITY!**

Use your skills and equipment. Volunteer to help with the **St. Luke's Half Marathon** on **October 17, 2021**.

Your help is needed!

To volunteer or for more information, contact Mark (AK3M) at AK3M@rcn.com.

FINALLY!

As of this edition, the **July 6 meeting** is expected to be both a **ZOOM AND** an, "In **Person,**" meeting.

Listen to the Monday Night Net for any changes.



The LVARC Communications Trailer is expected to be at the LVARC Field Day site.



Come out, see and operate from the LVARC's newest piece of equipment.



There will be **NO Walk-In testing** at the 2021 LVARC Field Day site.



ARRL Field Day Merchandise



The ARRL offers a variety of merchandise related to Field Day. They include, shirts, picnic blanket, storage bin, hats, mugs and more.



To order, go to:

http://www.arrl.org/shop/FieldDay?_zs=k9lwl&_zl=bpRt1

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
- _____ HT
- _____ 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



Field Day Question

Q: "What bands and modes can be operated on Field Day?"

A: Bands: 160, 80, 40, 20,15 and 10 Meter HF bands, as well as all bands 50 MHz and above.

A: Modes: All modes.



New Hams - de Mark (AK3M)

Those who tested at the April 16, 2021 test session, received their calls on Monday April 26, 2021.

CONGRATULATIONS to:

Greg Glick - **KC3RZG (T)**
Cliff Quinn - **KC3RZH (T)**
Ryan Vance - **KC3RZI (T)**
Matthew Russo - **KC3RZJ (T)**
Jeremy Kuhns - **KC3RZK (T)**



Charles Gilbert - (KC3EBO) earned his **GENERAL**
John Maslowski (KC3QHW) earned his **EXTRA**

Welcome them to the hobby if you hear them on the air!



ARES Help Is Needed

The **St. Luke's Half Marathon** usually held in April, **WILL** be held this year as an "In Person" event.

This Half Marathon has been moved to October 17. Listen to the Monday Night Net and read the VOX for further details.

Volunteers will be needed to provide communications support!
Contact Mark (AK3M) at AK3M@rcn.com to volunteer.



"Summertime is always the best of what might be."
– Charles Bowden

From the ARRL
de Mark (AK3M)



I received an email from the ARRL today (April 28, 2021) about those wishing to test. The email states:

VECs/VE teams should stop accepting social security numbers at sessions immediately.

Applicants must use an FCC Registration Number ([FRN](#)) for all license transactions with the FCC. Examinees must [register in CORES](#) and receive an FRN *before* exam day. <https://apps.fcc.gov/cores/userLogin.do>

Included in that email has to do applications to the ARRL. It includes:

After June 29, all filers must provide an email address on all applications.

Please keep these new regulations in mind when attending an exam and/or when sending any application(s) to the ARRL/FCC.



QRZ has a nice section devoted to ham radio trivia.

To test your knowledge, go to:

<https://www.qrz.com/trivia/993/535>



Do you have questions about Field Day?

Attend the June 1, 2021 LVARC meeting via ZOOM for answers.

Yes, the cover page of the VOX is correct!



Steve Olock (KS3RO) is now the new secretary of the LVARC.

Phil (KB3HMK) has taken another job and will be working the second shift. He will not be able to make the LVARC meetings and as a result will be unable to take the minutes.

Steve has graciously stepped up to fill this position with the Officer's and board approval.

Phil has been the LVARC secretary for many many years and will be missed!

TNX Phil, for the many years of service to the LVARC and good luck with the new job

AND

TNX Steve for helping by filling this vacancy!



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.



ARES and **RACES** Is there a difference?



This has been presented in previous issues of the VOX, but is presented again for those new hams and as a review to seasoned operators.

In brief, **ARES** (**A**mateur **R**adio **E**mergency **S**ervice) is administered by local clubs. **RACES** (**R**adio **A**mateur **C**ivil **E**mergency **S**ervice) is in control of local emergency agencies (in our case, Lehigh County EMA).

Any amateur radio operator can participate in an ARES event but only those **registered** with their local emergency agency can be active with RACES.

To volunteer for an **ARES** event, contact Mark (**AK3M**) at AK3M@rcn.com.

To register and activate with **RACES**, contact Mike (**KB3BLF**) at mikemandell@hotmail.com.

For a more detailed definition of both ARES and RACES, go to: <https://www.k7yca.org/about-us/ares-races/>.



Q. Must I register in advance to become a member of RACES?

A. YES. To operate in a RACES administered event, you must be a registered RACES member. **IS 100 and IS 700 are both required.**
<https://training.fema.gov/is/courseoverview.aspx?code=IS-100.c>

Q, Must I register in advance to become a member of ARES?

A. NO. In order to participate in an ARES event, no IS courses are needed.

When Will the Results of 2021 Field Day Be Published?

FD 2021 Field Day results will appear in December QST.



What Can I Do to Help the LVARC Get Ready For and Operate a Successful Field Day?

The LVARC Field Day event will require volunteers to help with setting up and tearing down antennas, equipment, food etc.

Listen to the Monday Night Net to find out how you can help.

LVARC History

The LVARC's first test session was held on Friday April 25, 2003. 18 years ago!



New LVARC Members

At the May 4, 2021 meeting, the following hams were voted in as new LVARC members:

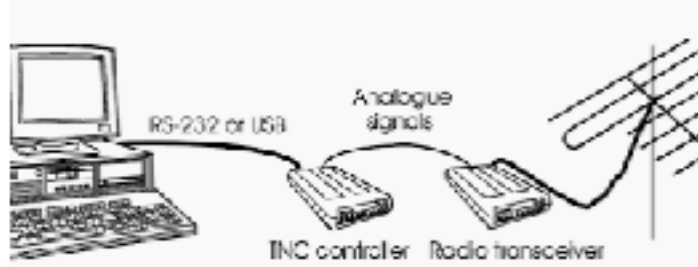
Cliff Quinn - KC3RZH
Greg Glick - KC3RZG

WELCOME TO THE CLUB!



Packet Radio

Regina's (N2RNA) presentation on Packet Radio is available on YouTube. You can view her presentation at: <https://www.youtube.com/watch?v=EdiR6ttqvI4>.



Lehigh Valley Amateur Radio Club (W3OI) Meeting Minutes

Date: May 4, 2021

The meeting was called to order by President Bodisch at 1931 Hrs. (EST).

The meeting opened with the Pledge of Allegiance, and then a moment of silence was observed for Silent Keys.

There were a total of 26 members in attendance, and the club was joined by 2 guests.

The following Board Members were present at the meeting:

President – Myles Bodisch	Present
Vice President – Jeff Bauer	Present
Treasurer - Paul Ryan	Present
Secretary - Phil Bigg	Present
Board Members: John Bartos	Present
Mark Miller	Present
Rick Pearce	Present
Matt Kriebel	Present
Rod Wolfe	Absent

Guests: Scott Redfield, Greg Glick – KC3RZG

Corrections additions to the minutes: None noted

Motion to accept made by: John – AB3LZ

Seconded by: Scott – KB3YOT

Motion passed by voice vote: (Y/N) Y

Treasurer's Report (Paul - N0KIA)

The report was presented

Motion to accept made by: Scott – KB3YOT

Seconded by: Steve – K2OPA

Motion passed by voice vote: (Y/N) Y

Committee Reports:

Repeater: There were some issues with the 94 repeater. The squelch tail was staying open for a period of time. The issue is still there, but not as bad. It was mentioned a power supply for one of the voters might need to be replaced.

Program: Tonight will be Regina (N2RNA) and she will be doing a presentation on Packet. Next month will be Myles and he will be going over the details for Field Day.

Volunteer Examiners: There was a test session on Friday April 16 at the Tri Clover Fire Company. At that test session, nine tested and seven passed.

VEs in attendance included Mark (AK3M), Walt (KE3SP), Larry (NR3R and Don (N0VGA).

The new hams received their calls on April 26, 2021.

The next test session is scheduled for Friday June 18.

ARES / RACES: The **St. Luke's Half Marathon** will be held on Sunday **October 17, 2021**. *Volunteers are needed.* For more information or to volunteer, contact Mark (AK3M).

Club Station / Trailer: John and Myles met at the trailer and came up with a list of things that need to be done to the trailer. Myles would like to have the trailer ready for Field Day. He would also like to look into replacing the generator. If a member or members would like to make a donation to the club for a new generator, it would be greatly appreciated.

The station has not been used much due to the pandemic. Will need to look into ways to start using it again.

Communications: Nothing to report. Contact Chuck (W3CDY) if there any issues with the website or any other media style communications.

Old Business: Myles is still looking at having an in person meeting for July. More info to follow. Attendance has been up by using the Zoom program.

Myles talked to Jeff (N3MFT) about using the Brickyard site for Field Day this year. Jeff feels that there wouldn't be an issue. Jeff submitted the paperwork to S. Whitehall Twmsp. for the use of the site. They had no problem with it. Members can also do Field Day from home if there not comfortable going to the site.

New Business: Myles talked to Chris from the EMS Council. Due to issues with the bounce house, we will not be able to use it this year. They do have a portable structure that we can use.

Myles told the club that the current secretary (Phil – KB3HMK) needs to step down. This is due to getting a new job that is on middle shift. Myles thanked him for his time and service. The board approved Steve (KS3RO) as the new secretary.

Good of the Order: John (AB3LZ) noted that the ARRL revised the RF Absorption policy. John went over the details. Discussion followed.

Scott (KB3YOT) noted that on Thursday night nights at 7 PM, the club does a digital net. We meet on the 147.135 repeater and then go from there. We do D-rats, FL Digi and other forms of digital communications. There is also a Teams group set up. If interested, contact Mike (KC3BLF).

Sick Report: Nothing to report

New member applicants:

Name: **Cliff Quinn**

Callsign: **KC3RZH**

Motion to accept: Scott – KB3YOT

Seconded by: Carl – AA3IX

Motion passed by voice vote: (Y/N) Y

Name: **Greg Glick**

Callsign: **KC3RZG**

Motion to accept: Scott – KB3YOT

Seconded by: John – AB3LZ

Motion passed by voice vote: (Y/N) Y

The LVARC Monthly Business Meeting Closed at 2018 hrs. (EST.)

Motion to accept made by: Scott – KB3YOT

Seconded by: Doug – N3WGH

Motion passed by voice vote: (Y/N) Y

Respectfully Submitted de KB3HMK, Secretary.



READER SUBMISSION

Phil (KB3HMK)

The Strange Story of DC's Lost AM Radio Station Still Transmitting Inauguration Road Closures From 2013.

<https://www.thedrive.com/tech/39549/the-strange-story-of-dcs-lost-am-radio-station-still-transmitting-inauguration-road-closures>

For Sale

There are 2 of these items.

Contact:
Phil (KB3HMK)

philbert17@ptd.net

MPD Digital 1L-GXWF-72XI LMR-400 3-Foot PL259 Coax Ham or CB Radio Jumper RF Cable PL-259 Connectors.

https://www.amazon.com/dp/B005LA1T72/ref=cm_sw_r_u_apu_glc_fabc_WQPBG09V80F46DB3NNE?_encoding=UTF8&psc=1



Product Review

READER SUBMISSION

Phil (KB3HMK)

Telescoping pole (DXE-TFK15) recently bought from DX Engineering. It is well worth the money.

Specifications:

Maximum Telescoped Length:

15 ft.

Collapsed Tubing Length:

4.0 ft.

Band Clamps Included:

Yes

Band Clamp Material:

UV protected polymer

Telescoping Tubing Kit Weight:

7.50 lbs.

Quantity:

Sold as a kit.

Telescoping Tube Length:

48.000 in.

Telescoping Tube Thickness:

0.120 in.

Telescoping Tube End Type: No slit





Field Day 2021 setup will begin around 9:00a on Saturday June 26. The Field Day event start time will be 2:00p on Saturday June 26 and end about 12:00p-2:00p on Sunday June 27.

Help will be needed for both set up and tear down. Food preparation set up will also need volunteers. **Volunteer to help!**

The LVARC welcomes Chris (N3RPV) as a new Monday Night Net control operator!



10 Highlights from this VOX

1. The June LVARC meeting will be held using ZOOM on **Tuesday June 1** at **7:30p**.
2. June test session date.
3. There **WILL** be a Half Marathon this year (Not to be confused with the VIA Marathon).
4. St. Luke's **Half Marathon** moves to **October 17**. Volunteer to help.
5. Field Day site information.
6. "In Person meetings" (**AND ZOOM**) expected to return on July 6.
7. Find and order Field Day merchandise
8. New Hams
9. New ARRL/FCC regulations
10. TNX Phil and welcome Steve.