The VOX

Lehigh **V**alley **A**mateur **R**adio **C**lub
October 2026 Newsletter

2026 Officers

President: Dan Longo – KC3HWD
Vice President: John Bartos – AB3LZ
Treasurer: Paul Ryan – N0KIA
Secretary: Phil Bigg – KB3HMK

2026 Board

Eric Hagan – N3EJH
Scott Redfield – W3SGT
Mike Salvaggio – KC3UCX
Matt Vanderhoff – N3VAN
Rodney Wolfe – N3XG

"Hello" from AC3OT - Mike Tyniec (mtyniec@gmail.com or 646.483.8232)

Summer has finally ended - but we have one more event planned. Please join us for the LVARC Gettysburg Club Field Trip - A Day of History & Radio!

⇒Click Here for September Meeting Minutes⇐

IMPORTANT - Net control operators are needed for the Monday night net, please contact Rod, N3XG if you're willing to learn and help out the running of the net.

Upcoming Events:

- Monthly Club Meeting - October 6th - 7:30PM - Tri-clover Fire Company - Presentation ARES/RACES
- LVARC VE Test Sessions - Friday October 16th - 6:30PM - Tri-clover Fire Company
- Hands on Night - October 20th - 7PM - Tri-clover Fire Company - Convert your Quansheng UV-K1 Radio to support SSB - Ethan Johnson - KD3CYR
- October 25th - Meet at Tri-clover Fire Department at 6AM Sharp - LVARC Gettysburg Club Field Trip - A Day of History & Radio!

LVARC Repeaters

146.34 / 146.94 (PL 71.9)
147.420 (Club Simplex Freq.)
445.025 W3OI D-Star "B" module
147.165 W3OI D-Star "C" module
147.735/147.135 (DCS 315)*
*Automatic Mode Select Analog
*FM or Yaesu System Fusion

LVARC/RACES/ARES Net

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

Many club announcements will be heard on the Monday Night Net!

The VOX

Calendar:

October 2026						
Sunday	**Monday**	**Tuesday**	**Wednesday**	**Thursday**	**Friday**	**Saturday**
27	28 RACES/ARES Net @ 7:30PM 2m Net - 144.255 USB @ 8:15PM	29 Tesla Tuesday @ 8:00	30 Digital Mode Net – 145.550 @ 7:00PM	1 2m FM Simplex – 147.42 @ 8:00PM	2	3 Women's 5K Red Rose Repeater Hamfest
4	5 RACES/ARES Net @ 7:30PM 2m Net - 144.255 USB @ 8:15PM	6 Club Meeting @ 7:30PM	7 Digital Mode Net – 145.550 @ 7:00PM	8 2m FM Simplex – 147.42 @ 8:00PM	9	10
11 Gloucester County Amateur Radio Club Hamfest	12 RACES/ARES Net @ 7:30PM 2m Net - 144.255 USB @ 8:15PM	13 Tesla Tuesday @ 8:00	14	15 2m FM Simplex – 147.42 @ 8:00PM	16 LVARC VE Test Session	17
18 RF Hill Amateur Radio Club Hamfest	19 RACES/ARES Net @ 7:30PM 2m Net - 144.255 USB @ 8:15PM	20 Hands on Night @ 7PM	21 Digital Mode Net – 145.550 @ 7:00PM	22 2m FM Simplex – 147.42 @ 8:00PM	23	24
25	26 RACES/ARES Net @ 7:30PM 2m Net - 144.255 USB @ 8:15PM	27 Tesla Tuesday @ 8:00	28	29 2m FM Simplex – 147.42 @ 8:00PM	30	31

Pres Schuler Award

Dan Longo - KC3HWD - is now taking nominations for the Pres Schuler award. Our club has many members who go above and beyond for our club and encourage our hobby in a positive manner. Please send Dan an email with the name of a member you feel is deserving of the award and a brief reason why. He will be tallying nominations until Nov 20th The winner will be announced at our December meeting.

Dan's email is longodg99@gmail.com.

Officer/Board Nominations

Nominations will take place at the November Meeting with elections being held at the December Meeting.

All four Officer positions are up for election for a one year term: President, Vice President, Treasurer, and Secretary.

All five Board of Governors positions are up for election for a one year term with the exception that if the current president does not run or is not reelected he gets to serve a year on the Board Of Governors. In that case only 4 Board members are elected.

LVARC Gettysburg Club Field Trip - A Day of History & Radio!

Join your fellow **LVARC members for a club field trip to Gettysburg** for a fun day combining **American history, amateur radio, and Parks on the Air!** We're planning a group trip to explore the historic Gettysburg area, spend some time touring the battlefield, and get on the air for a **POTA activation** with fellow club members. Whether you're an experienced activator, new to POTA, interested in history, or simply want to enjoy a great day with the club, everyone is welcome!



IMPORTANT - we are leaving the Tri-Clover Fire Department at 6AM sharp.

Interested in going? Please fill out the survey below so we can begin planning transportation and the day's activities:

LVARC Gettysburg Field Trip Survey:
https://www.w3oi.org/club-field-trip/

If you have any questions about the trip, please contact **Matt, N3VAN**. We hope you'll join us for a great day of **history, radio, and camaraderie in Gettysburg!**

Upcoming Events (Women's 5K & D&L Racefest)

Greetings club members!

I hope you had an awesome summer. It's been great seeing many of you at the meetings and special events that the club has held over the last couple of months.

We are now preparing for our last two events of the year. The Woman's 5k Classic and the D&L Racefest.

If you can help with either or both of these events, please email RODNEY n3xg.radio@gmail.com

Women's 5k Classic:

Saturday October 3rd. Race events start at 0915, operators on site by 0800.

The 5k Classic was founded in 1993 and gets better each and every year. You'll see 1,000's of participants walking, and running various 5k loops through the Allentown Parkway. The event is held to raise money to support breast cancer patients and research.

More info here: https://womens5kclassic.org/

For those that have previously volunteered in this great event, please let me know if you would like the same spot as previous years.

D&L RaceFest:

Sunday November 15th. Race starts are slightly staggered and there are positions for every type of availability.

The D&L RaceFest is actually 4 races in one event! A full marathon that runs from Allentown to Easton; a relay that runs from Allentown to Easton; a half-marathon from Bethlehem to Easton; and a competitive walk from Bethlehem to Easton. More information here: https://race.delawareandlehigh.org/

FAQ:

Q: What do I need to volunteer?
A: An HT capable of using the primary repeater 146.94, and the ability to monitor and transmit for the duration of the event.

Q: Will I have to provide traffic control?
A: LVARC club members do not provide traffic control. That is not within the scope and purpose of our participation.

Q: Can I volunteer from home?
A: Unfortunately, we need our volunteers on the trail. We staff water stops, aid stations, and sag wagons. We provide real time situational awareness to event coordinators and work directly with EMS to coordinate the delivery of help on the trail.

Please email me with your questions, comments and concerns.

Rodney N3XG - n3xg.radio@gmail.com

Ethan - The Quansheng NR7Y Modification - SSB

At our November Hands On Night - Ethan- KD3CYR - will be walking us through how to convert a Quansheng UV-K1 to support Side Band. This modification "may" allow members to join our Monday Night SSB Net - provided you have a capable antenna. If you'd like to participate in November's Hands On Night - please take the time now to order a radio.



The Quansheng UV-K1 is approximately $37-$40 on Amazon depending on which battery you purchase - 1400mAh or 2500mAh.

IMPORTANT - this conversion process is at your own risk - you may brick the radio - proceed with caution.

You need:

- A Quansheng UV-K1/Mini Kong or UV-K5(v3)
- A torx 8 bit/screwdriver
- A small pry tool/flathead
- A soldering iron & solder. Flux too if you want it
- Small wire. I used some solid core 22 gauge that worked well.
- A 2 pin programming cable

Caveats:

- Can't use external handheld mic/speaker
- When you have a CW paddle plugged in, you can't use FM mode. You must unplug the paddle to use FM.
- I haven't figured out yet how to use CHIRP, although it should be possible with a certain config file.
- This radio *technically* doesn't transmit CW or USB. The radio can receive in baseband but not transmit. The firmware only convinces the hardware to transmit without any modulation for cw. This is why it sounds so odd to someone else on a real USB radio. I'm no software engineer but I found a podcast interview with the guy that wrote this code. He goes more in depth if you're interested in learning more. It's a long video but the parts specific to the quansheng mod run from 25:58 to about 1:18:00. He goes more into the "not SSB" around 1:38:49.

Recent discovery: According to this video, there is a usb-c to trs adapter that you can use to input your cw paddle over the usb port instead of a 3.5mm cable. This eliminates the need to disassemble and resolder the radio. It also allows use of the trs jack and doesn't require you to unplug your paddle for FM mode. I have yet to confirm if the SSB mode will also work without modding the hardware. I have ordered another radio and the adapter and will test them before the hands-on night.

Mod Instructions

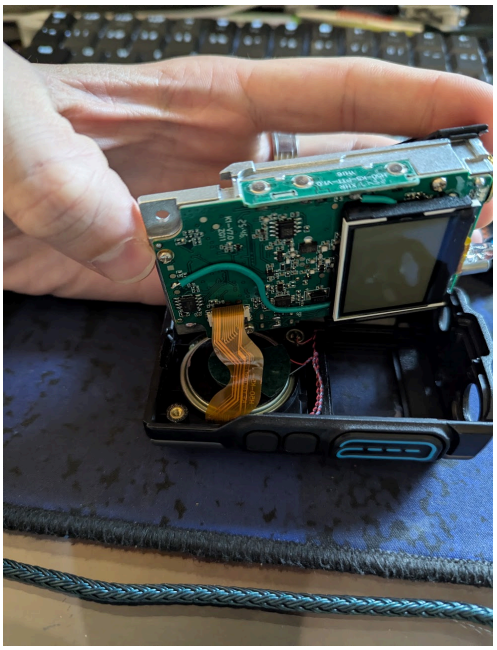
Step 1: Remove the battery by pressing the button on the top center and sliding the battery down.

Step 2: Remove the volume knob and any antenna adapters you may have attached. You may need a small pry tool or gentle persuasion with pliers if the volume is on tight. Should come off straight up.

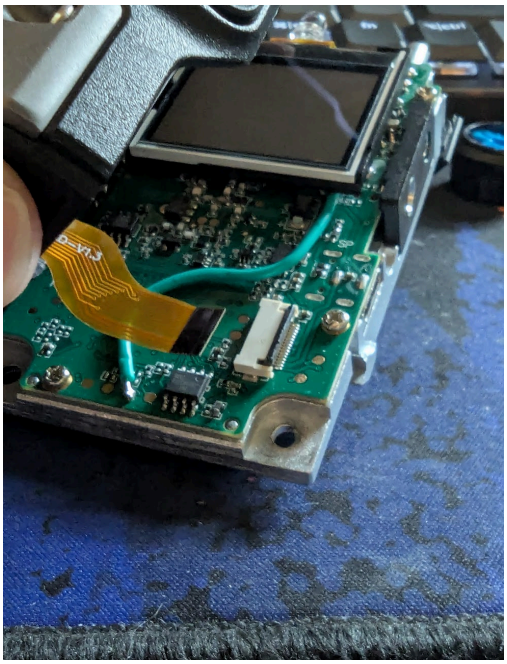


Step 3: Remove the 2 torx 8 screws at the bottom of the back panel, circled in red.

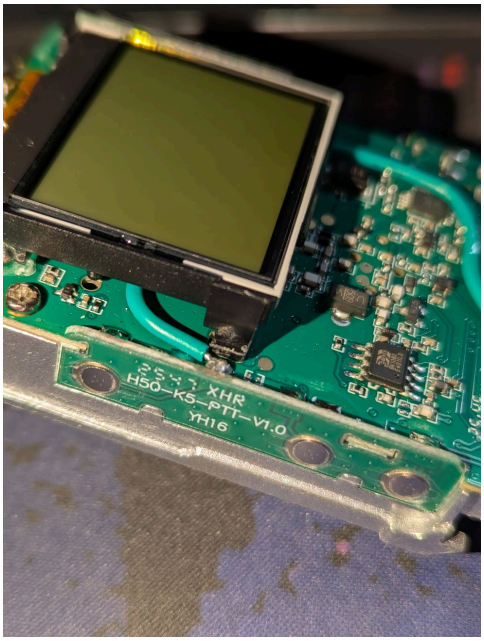




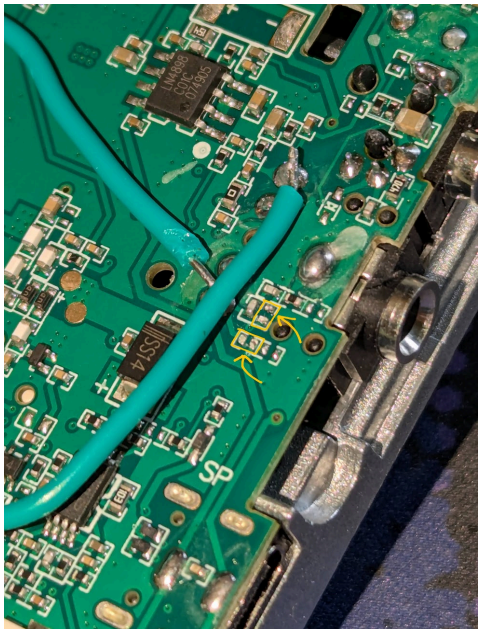
Step 4: Insert a pry tool in the slot boxed in blue (previous photo) and pry the bottom of the silver back panel out. Carefully slide the panel down and out. There is a ribbon cable connecting the speaker and keypad to the pcb. You may need a little bit of force to remove the back but be careful not to rip the cable.



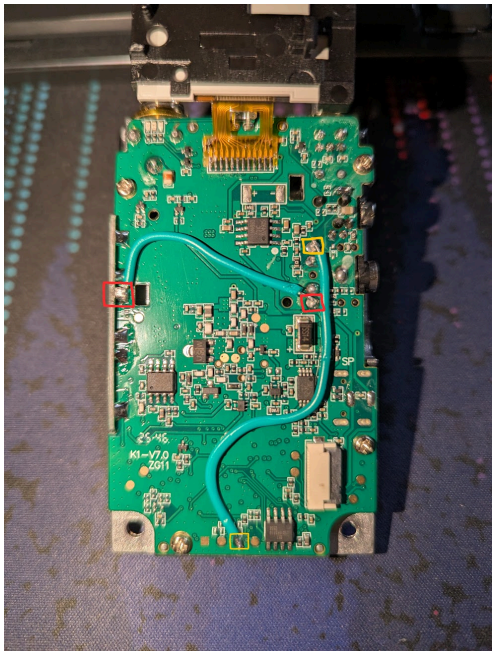
Step 5: Lift the black latch on the ribbon cable connector and slide it out. You can set aside the front for now.



Step 6: Remove the screen by inserting a small pry tool or flathead into this bottom left clip slot, prying inwards, and gently lifting the screen upwards. There is a soldered ribbon cable attached at the top, flip the screen upwards and leave it there for now.



Step 7: Using your soldering iron, remove these two surface mount components on the right side of the pcb. You can remove the black plastic piece that is covering the audio jacks to give yourself more room with the hot iron.



Step 8: Solder 2 wires as shown here. One from the 3rd pad down in the column of 6 on the left, to the 4th pad down in the column of 4 on the right. The other from the 1st pad at the top in the column of 4 on the right to the center circle pad on the bottom. Be careful to avoid laying the wire over the display clip hole.

Step 9: Reassemble in reverse order of disassembly.

- Insert the top right clip of the display first, then click the bottom left into place.
- Put the black audio jack cover back into place if you removed it.
- With the connector latch lifted, slide the ribbon cable back into the connector and close the latch. Gently confirm it is attached.
- Being careful of the rubber button cover below the PTT, slide the pcb/back cover up and into the front of the radio. Make sure the silver back is flush with the case.
- Screw the torx screws back into place and insert your battery.

Step 10: Upload the firmware. Visit https://github.com/briand/uv-k1-k5v3-firmware-custom/releases and click the latest .bin file to download it. Plug in your cable then boot your radio in DFU mode by pressing the PTT while turning the volume knob on. Upload the .bin file using this https://armel.github.io/uvtools2/ online tool.

You can read more about the firmware, mod, and radio here: https://github.com/armel/uv-k1-k5v3-firmware-custom/wiki

Ethan - KD3CYR

PA Command Center Rally

On September 16, the LVARC sent a group of members and the club's communication trailer to the Pennsylvania Command Rally at Stabler Arena. The event brought together mobile command vehicles from nearby counties in Pennsylvania and New Jersey, along with various communication vendors and FEMA representatives. It was a great opportunity to discuss and display the backup communication services amateur radio operators can provide to county emergency organizations.





LVARC representatives in attendance:

- John Bartos (AB3LZ)
- Jeff Bauer (WA3PNY)
- Mike Mandell (KC3BLF)
- Tom Julius (KD3BZF)
- Matt Vanderhoff (N3VAN)
- Bob Hassay (KD3BFW)

In addition to the formal delegation, several other LVARC members attended through local emergency organizations or vendors.

Best regards,
John Bartos

Winter Field Day - Friday Jan. 22nd - Monday Jan. 25th, 2027

Now that Summer Field Day is over, we can all start looking forward to Winter Field Day.



Mark your calendars for January 22nd through January 25th 2027.

LVARC is renting a cabin at Lake Nockamixon again. We are planning to have the cabin for three nights, Friday January 22nd, Saturday January 23rd and Sunday January 24th. We will do a POTA activation of the park on Friday night. Winter Field Day operations will start at 11:00 AM EST on Saturday. Winter Field Day operations officially cease at 2:00 PM on Sunday.

If you are interested in attending, please let us know. If you would like to spend a night or two at the cabin, please send an email to kb3yot@hotmail.com.

More information can be found at Home - WFDA.

Hope to see you there.

Scott KB3YOT

The Forgotten Cold War Plan That Put a Ring of Copper Around the Earth

John Bartos - AB3LZ - came across an article in Wired Magazine. In 1963, the United States launched half a billion whisker-thin copper wires into orbit in an attempt to install a ring around the Earth. It was called Project West Ford, and it's a perfect, if odd, example of the Cold War paranoia and military mentality at work in America's early space program.

Here's a link to the article - enjoy! https://www.wired.com/2013/08/project-west-ford/

Thanks John!!!

Mesh Talk



It's been a few months since we talked mesh. Unfortunately, there has been some recent controversy regarding the LoRa radio settings for both MeshCore and Meshtastic. It turns out that the default settings in the firmware for the US are not actually compliant with the FCC regulations that govern the unlicensed 915 MHz ISM band. The relevant section is FCC 15.247(a)(2). Here is the copy from ecfr.gov:

"Systems using digital modulation techniques may operate in the 902-928 MHz, 2400-2483.5 MHz, and 5725-5850 MHz bands. ***The minimum 6 dB bandwidth shall be at least 500 kHz."***

A *minimum* bandwidth seemed like an odd requirement to me coming from the ham radio world where there are typically limits on maximum bandwidth allowed. So I dug a little deeper to try to understand this. Here is a quote from https://docs.fcc.gov/public/attachments/DA-12-839A1.pdf, an FCC response to a company seeking a waiver to this rule back in 2012. This seems to be about reducing interference by limiting power spectral density (PSD). The normally allowed power referenced below is 1 mW, and the 1 W limit is the higher power subject to the additional bandwidth constraint:

"The Commission specifically chose the minimum 500-kilohertz 6 dB bandwidth to ensure that wideband digital devices (direct sequence spread spectrum and other digital modulation techniques) operating with higher power than normally allowed under the Part 15 general emission limits would operate compatibly with other authorized radio systems in the 915 MHz, 2.4 GHz, and 5.8 GHz bands. Such systems also must not exceed a peak conducted output power of 1 Watt and a peak conducted power spectral density (PSD) of 8 dBm per 3 kilohertz (8 dBm/3 kHz)."

The default setting for bandwidth for MeshCore in the US is 62.5 kHz, which is clearly below the minimum of 500 kHz and therefore is restricted to 1 mW. Many MeshCore devices transmit on the order of 100-500 mW, with newer 1 W devices available now.

So what does this mean? Chaos? Maybe. However, key repeater nodes making up the Lehigh Valley Mesh (lvmesh.com). Have changed settings to the following:

Frequency: 910.525 MHz
Bandwidth: 500 kHz
Spreading Factor: SF10
Coding Rate: 4/5
Prefix: 2-byte

This was a local decision and there is no guarantee everyone in the region will follow, and other regional meshes may not choose the same settings. For example, the Philly area is going with different settings. The problem is that if the settings don't match then you can't communicate, at least not directly. So there will likely be fragmentation.

Let's hope that people will at least converge on regional settings so we can have nicely functioning regional meshes. It would be nice to see a national compliant standard emerge, but I don't know what a path to that would look like. My personal recommendation for people in the Lehigh Valley area is to follow lvmesh.com.

Terry - KD3BEG

LVARC Club Picnic at Nockamixon State Park — A Nor'easter Couldn't Stop Us!



Wind, radios, great food, and even better company made for a memorable **Lehigh Valley Amateur Radio Club (LVARC) picnic at Nockamixon State Park (US-1391)**. The picnic happened to fall on **day two of a nor'easter** moving through the region. Fortunately, the rain stayed away for the gathering, but the **strong winds certainly made their presence known!**

Despite the weather, we had a fantastic turnout. Joining us were **Tom KD3BZF and his wife Beth, Scotty W3SGT, Mike AC3OT, Harold KD3BFU and Sora, Eric N3EJH, Arnaldo KD3BEV, Chuck W3CDY, Joe KC3ZPY, Kevin N3KJL, Tyler KD3A and his daughter Charlotte, Mark W3BQD, and Matt N3VAN with his family Jamie, Katie, and Jojo.**

Of course, an LVARC picnic at a state park wouldn't be complete without getting some radios on the air. We set up an **end-fed random wire (9:1) in an inverted-V configuration** and successfully activated **POTA park US-1391 with nine operators getting on the air**. It was a great opportunity for everyone to operate, socialize, and enjoy some portable radio together.

We also set up **Arnaldo KD3BEV's dipole** and worked together to help tune the antenna. Activities like this are one of the best parts of a club outing—combining hands-on experimentation with the experience and knowledge of fellow members.

And then there was the food! A **big thank-you to Beth, Tom KD3BZF's wife, for cooking** and helping keep everyone well fed. Nothing goes better with portable radio on a windy fall day than hot food and good company.

The nor'easter may have supplied plenty of wind, but it certainly didn't dampen anyone's spirits. Between the **POTA activation, antenna work, great food, families, friends, and plenty of conversation and laughs**, it turned into another excellent LVARC gathering.

Great club picnic, great turnout, and a great day at Nockamixon State Park—despite the weather!
For a copy of **all photos** - please click here.

POTA Adventures - LVARC Year End POTA Campout - US-1359



The LVARC portable operating season wrapped up in a great way with a club **Parks on the Air campout at Hickory Run State Park, US-1359**. What started as a few members camping and getting on the air turned into a fantastic weekend of radio, food, friendship, and plenty of laughs.

Tom KD3BZF (with Wife Beth & Son JoJo) and Mike AC3OT got things started Thursday afternoon, setting up their campsites and getting settled in for the weekend. **Matt N3VAN** arrived Friday and set up camp as well. After some questionable weather leading into the trip, the skies cleared Friday morning and gave us excellent weather for the rest of the weekend.

Saturday was the highlight of the trip. A steady group of LVARC members and fellow amateur radio enthusiasts stopped by the campsite throughout the day to visit, operate, talk radio, share some food, and enjoy Hickory Run. Joining Matt, Tom, and Mike were **Harold KD3BFU with Sora, Bob KD3BFW, Jerry KC3FNB, Scotty W3SGT, Rob KB3BLF, John AB3LZ, Eric N3EJH, Angelo W3PIG, and Mark KC3YUC**.

The activation was one of the highlights of the weekend, with everyone gathered around the campsite enjoying amateur radio and the camaraderie that makes portable operations so much fun. Between making contacts, good food, a campfire, and spending time with friends, it was exactly what a club POTA outing should be.

Three New POTA Activators!

One of the best parts of the weekend was seeing **three operators complete their first-ever POTA activations: Mike AC3OT, Jerry KC3FNB, and John AB3LZ!**
Getting that first successful activation in the log is a milestone for any POTA operator. Be sure to congratulate Mike, Jerry, and John the next time you see them — and hopefully this is only the first of many activations for all three!

A Great Finish to the POTA Season



The Hickory Run campout was a fitting year-end culmination of a lot of work throughout the portable operating season by **Matt N3VAN and Tom KD3BZF**. From organizing outings and getting equipment into the field to helping other operators get involved, the goal has been simple: **get club members outdoors, get radios on the air, and make portable amateur radio something everyone can participate in and enjoy.**

Hickory Run demonstrated exactly what these outings are all about. It wasn't just about how many contacts were made. It was about bringing people together, introducing new operators to POTA, sharing knowledge, enjoying the outdoors, and building friendships around amateur radio.

Thank you to **everyone who camped, operated, stopped by, brought food, helped out, or simply came to spend some time with the group.** Great weather, great food, great radio, and even better camaraderie made Hickory Run a weekend to remember.

We're already looking forward to **next year's portable radio operations**, more parks, more activations, more new operators—and, of course, more adventures with LVARC!

73 and see you at the next activation! 📻🌲🔥

September 2026 Meeting Minutes:

Lehigh Valley Amateur Radio Club Monthly Meeting

Month General Meeting DATE September 2, 2026

Combo Local and Remote via Zoom

The Meeting was called to order by Dan Longo @ 7:50 PM

Secret Word is "Phone App" and needs to be emailed to Phil @ philbert17@ptd.net to show attendance for online participants.

Dan 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 yes vote

Online was interactive with full communications for both local and remotes

ATTENDEES

There was a total of 39 members in attendance with 8 remote members (as per the email method) and 31 local attendees. There was also one guest in attendance.

The following Board Members were present at the meeting:

President – Dan Longo KC3HWD__Present

Vice President – John Bartos AB3LZ__Present

Treasurer - Paul Ryan N0KIA __Present

Secretary - Phil Bigg KB3HMK __Present

Board of Governors:

Rod Wolfe N3XG__Present

Mike Salvaggio KC3UCX__Present

Eric Hagan N3EJH __Present

Scotty Redfield W3SGT __Present

Matthew Vanderhoff N3VAN __Present

Guests and Attendees of Note:

Greg Orris – KD3CYG

1 - Proceedings:

A motion was made to approve the August Meeting minutes as published in the September VOX newsletter. Motion to approve was made by Chuck (W3CDY) and 2nd by Rod (N3XG)

Motion Passed = Y

Program for tonight:

Adam (K2CAT) will be doing a program on the phone app "QRV – The Ham Radio Multitool" via Zoom.

Septembers Hands on Night will be Portable Antennas

2 - Treasurer's Report (Paul - N0KIA)

Paul presented the monthly financial report for the month of August 2026

Motion to accept the treasurer's report was made by Rick (KC3EXO) and 2nd by Ed (KC3OLB)

Motion Passed = Y

3 - ARES & VE Report

VE Report:

At the August test session, three people tested and all three passed. There was one Tech, one General and one Extra.

ARES Report:

Rod (N3XG) reported that there are two events coming up. The first is the Women's 5k Run on October 3rd and the second is D & L Marathon on November 15th. If interested in helping, please let Rod know.

4 - Communications:

Website: There are no issues to report currently. If there are any issues, please let Matt (N3VAN) know.

5 - Repeater report: by Rod N3XG.

Scott (W3WT) provided Rod with the recording of a repeater interfering with the 135 repeater. Rod contacted the owner to let them know.

It was reported that there was GMRS user on the 94 repeater. He was politely asked not to use the repeater. He was given information on how to get his amateur radio license.

6 - Club Station / Trailer:

The trailer was cleaned up. When the trailer was opened, it was discovered that the cart for the chairs was not secured. It rolled around the trailer. In doing so, it broke one of the legs for the table. It will be fixed soon. The trailer should also be winterized for the winter. There is now a list of members who can tow the trailer.

7 - Old Business:

The club picnic will be at Nockamixon State Park this year. The event is from 10 AM – 2 PM. The club has Pavillion #1. Matt will also be doing a POTA activation that day.

Currently there doesn't seem to be any interest in the EmComm Convention this year.

The club will start looking at planning events for the upcoming 100th anniversary of the club.

Net control operators are needed for Monday night net, please contact Rod, N3XG if you're willing to learn and help out the running of the net.

8 - New Business:

John (AB3LZ) reported that the club is looking at doing away with the large blow-up tent and purchasing smaller tents. The blow-up tent is to large and bulky. It takes some time to set up for Field Day. The club will look at trying to sell it. The club will also look at purchasing Spider Beams for Field Day. We will still use the military mast for the middle. The Spider Beams will be used for the ends. The board has started to create specific duty sections for Field Day. This will help with getting ready for next year's Field Day.

A scout troop in Center Valley contacted the club for help with their JOTA (Jamboree On The Air) event this year. It will be on October 17th. More info to follow.

Dan stated that next month the club will start taking nominations for the upcoming elections. Please consider running for a position.

Dan also stated that he will start taking nominations for the Pres Schuler Award. Please contact him to nominate a member.

Scott (KB3YOT) would like to reserve the cabin at Nockamixon State Park soon for next year's Winter Field Day. The club would rent the cabin from Friday to Monday. We are looking at staying an extra night for the event. He said it would be roughly $146 a night.

A motion was made by Scott (KB3YOT) and seconded by Rod (N3XG) not to exceed $550 to rent the cabin. The motion passed. If you plan on staying over, please let Scott know. Scott also said that you can come out for the day.

8a - New Members:

Tyler Smith – KD3A

Greg Orris – KD3CYG

Joseph Johnson – KC3ZPY

Steve Hurst – KD3DTB

Tim Mikels – KC3YNN

John Wojiechowski – WA3TFV

A motion was made by Mike (KC3UCX) and seconded by Chuck (W3CDY) to accept the new members.

Motion Passed: Y

9 - Sick Call

No report at this time.

10 - Good of the Order:

Mike (KC3UCX) reported on the upcoming hamfests:

September 18th & 19th - Kutztown Antique Radio & Vintage Electronics Meet

September 20th – Eastern Pa. Amateur Radio Association Hamfest

October 11th – ARRL Southern NJ Section Convention & Annual GCARC Hamfest

October 18th – RF Hill ARC Hamfest

Matt (N3VAN) reported that this past Saturday's POTA activation was a great time. The next activation will be September 19th at Hickory Run State Park from 12 PM – 3 PM. For more info, please contact Matt. The club will be doing a special POTA activation at Gettysburg on October 24th. A van will be rented so members can carpool. We will stop for breakfast in the morning and then head to Gettysburg for the activation. Then either lunch or dinner. We will return that night. For more info or if interested in going, please contact Matt so he can plan accordingly.

Paul (N0KIA) reminded the members that if you write a check to the club, please make out to "LVARC". Do not make the check out to Paul. He also reminded members that if renewing dues at the meeting, whether it's cash or check, please put it in an envelope with your name and callsign along with what it's in reference to.

Chuck (W3CDY) reported that when renewing your license through the FCC, there is now a two-process renewal. One for the money and one for the license.

Scotty (W3SGT) thanked Mike (AC3OT) for doing the VOX.

Motion to adjourn the meeting was made by Scott (KB3YOT) and 2nd by Chuck (W3CDY)

Meeting was adjourned at 8:50 PM

Respectfully Submitted Phillip Bigg KB3HMK, Secretary

Monthly Net Report

August Net Report:

Monday Night ARES / ACS
8/3 60
8/10 48
8/17 55
8/24 53
8/31 64
Total - 280

Monday Night 2m SSB
8/3 6
8/10 7
8/17 7
8/24 9
Total - 29

Tesla Tuesday
8/11 8
8/25 8
Total - 16

Wednesday Digital
8/12 3
8/26 4
Total - 7

Thursday Night 2m FM Simplex
08/06 7
8/13 7
8/20 7
8/27 6
Total - 27

Net Manager wishes to thank all of the help while I was on vacation. We could not have quality nets without net control stations and the participation of our membership.

Shop & Swap:

Phillip W. Bigg - KB3HMK - philbert17@ptd.net is selling his Ryobi 40 Volt Power Station.

- 40V 1800-Watt Portable Battery Inverter Power Station and 4-Port Charger with (4) 6.0 Ah Batteries
- Comes With Charging Cord And Cover
- Practically Brand New, Used a Couple of Times
- Asking $900



Trivia/Tech Net

Some of us passed these tests years ago and some are still studying. Give it a try and see how much you remember! Answers at the end of the VOX.

Technician (New Question Pool - Effective July 1, 2026):

Q: What is the term for the flow of electrons in an electric circuit?

A. Voltage
B. Amperes per second
C. Volts per second
D. Current

General:

Q: Why should soldered joints not be used in lightning protection ground connections?

A. A soldered joint will likely be destroyed by the heat of a lightning strike
B. Solder flux will prevent a low conductivity connection
C. Solder has too high a dielectric constant to provide adequate lightning protection
D. All these choices are correct

Amateur Extra:

Q: What is admittance?

A. The inverse of impedance
B. The term for the gain of a field effect transistor
C. The inverse of reactance
D. The term for the on-impedance of a field effect transistor

LVARC VE Test Sessions

Lehigh Valley Amateur Radio Club (LVARC) holds test sessions **every other month** at the Tri-Clover Fire Company in Orefield, PA.
Test sessions are listed on the ARRL website at
http://www.arrl.org/find-an-amateur-radio-license-exam-session

Test sessions begin at **6:30pm** (local time) or as notified by Rich.

* * Preregistered Applicants ONLY! * *

2026 Testing Dates

Click on a date below to register through HamStudy. This is the preferred way to register.
To register by email contact Rich Taylor (NC3RT) at **rolyat.drahcir@me.com.**

October 16th 2026, December 18th 2026

You **MUST pre-register** at least 2 days before the session. The deadline for registering for the test is the **Wednesday BEFORE the scheduled Friday test date**.

Before the test:

You will need to get an FRN **BEFORE** the test session. You will need to take that number to the session. To get an FRN, go to https://apps.fcc.gov/coresWeb/publicHome.do

At the Test Session:

You will need to pay $15.00 (EXACT CASH) at the test session AND then the $35.00 FCC fee when your paperwork is received by the ARRL.

- Two forms of ID – If you are a student and do not have a driver's license, a student ID is appropriate.
- Blank sheet of paper and a pen or pencil
- A COPY of your amateur license (if you have one) which will not be returned
- **$15.00** Testing Fee (**EXACT CASH** Only). Should you not pass, another version of the test may be taken at the same sitting for an additional $15.00 fee.

Candidates take all tests using a tablet computer provided by the VE Team. The tablet has a calculator app for candidate use during exams.

***** If you cannot attend one of our sessions, you can find other options and locations using the using the ARRL Test Finder Page *****

Hamfests

Red Rose Repeater Hamfest
October 3rd
339 E. Main Street, New Holland, PA 17557

Gates Open - 8AM
VE Testing at 10AM

Gloucester County Amateur Radio Club Hamfest
October 11th - 8AM-1PM
Gloucester County 4-H Fairgrounds
235 Bridgeton Pike (Route 77)
Mullica Hill, NJ 08062

RF Hill Amateur Radio Club Hamfest
October 18th - Rain or Shine
Upper Campus: Bucks County Community College
346 Blooming Glen Road, Perkasie, PA 18944

Gates Open - 8AM
VE Testing at 10AM

Reading Radio Club Online Classes

The Reading Radio Club is collecting interest for a FREE online Amateur Radio training class for all license levels.

The online classes would meet twice a week for 2 hours online via WebEx, -- with every session recorded. If your unable to attend a class for any reason, or want to review content -- the student can review the class material anytime during the 8 week course. Study materials and training summaries and study guides are provided. After completing the training class, the Reading Radio Club will host an in-person exam session. The ARRL exam fee is $15.00. Students are welcome to schedule their exam with any other VE team if they prefer. We are currently collecting names and training time preferences at this time. Once fifteen people have expressed interest in a particular license class, we will schedule the full series of online classes.

To register your interest, visit http://training.W2SLH.com

If you have questions, contact **Stuart, the RRC VE team lead. His phone number is 484-339-3456**, or if you prefer you can email him at training@W2SLH.com.

2026 Club Presentations:

Would you like to share your enthusiasm for a specific facet of amateur radio? Is there something you would like the club to explore / present? If you have suggestions for programs for 2026 or would like to share your passion with the club, please contact Dan KC3HWD.

Weekly Nets:

Monday @ 7:30pm – ARES / ACS Net – 146.94
Monday @ 8:15pm – 2m SSB – 144.255 USB
2nd and 4th Tuesday @ 8pm – Tesla Tuesday Chat – 146.94
UPDATE!! - 2nd and 4th Wednesday @ 7:00pm – Digital Mode Net – 145.550
Thursday @ 8:00pm – 2m FM Simplex – 147.42

Trivia/Tech Net - Answers

Tech: **D**. Current
General: **A**. A soldered joint will likely be destroyed by the heat of a lightning strike
Extra: **A**. The inverse of impedance