

The VOX



The Official Newsletter of the

Lehigh Valley Amateur Radio Club - W30I / KB3SYV Allentown, Pennsylvania (Lehigh County) - USA

2023 Officers

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

2023 Board of Governors

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

Scott Leichssenring - KB3YOT - (<u>scott_leichssenring@hotmail.com</u>)

Mark Miller - AK3M (AK3M@rcn.com)

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

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

LVARC Repeaters

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

LVARC/RACES/ARES Net

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

- * 147.735/147.135 (DCS 315) Automatic Mode Select. Analog
- * FM or YSF, Yaesu System Fusion),

Many club announcements will be heard there

The **September** LVARC meeting will be held on **Tuesday September 5**, 2023 using **ZOOM AND In-Person** at **7:30p**.

The program: TBA

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.**

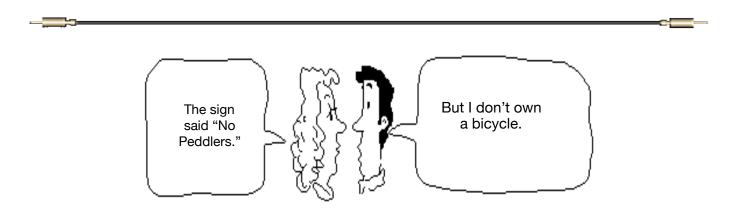
Contact Mark Miller (AK3M) at AK3M@rcn.com for details.

REGISTRATION IS REQUIRED

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

Up Coming 2023 LVARC Programs

September 5 - TBA



Do you remember ... "Keys" to open cans?

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

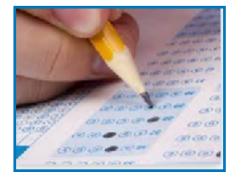
READER SUBMISSION

de Larry (NR3R)



LVARC Nets

- 1. Monday Night LVARC/ARRS/RACES/ACS Net 7:30p 146.94 MHz
- 2. Monday Night USB Simplex Net 8:15p 144.250 MHz
- 3. Wednesday Night D-Star Net 7:00p The Net starts out on the W3PLG B DSTAR Repeater frequency 447.7125 MHz.
- 4. Thursday Night 2m Simplex Net 8:00p 147.420 MHz



LVARC 2023 Test Session Dates

2023

October 20

December 15

A new GENERAL test has been in effect since July 1

If you are testing for **GENERAL** after June 30, 2023, be sure you are studying the new/current material.

This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
September 2023					1	2
3	LVARC Net 7:30p N3RPV 2m AM/SSB Net - 8:15p	LVARC Meeting 7:30p	D-Star Net 7:00p	2m FM SIMPLEX net 147.420 8:00	8	9
10	LVARC Net 7:30p WW3TRG 2m AM/SSB Net - 8:15p	12	D-Star Net 7:00p	2m FM SIMPLEX net 147.420 8:00	15	16
17	LVARC Net 7:30p AK3M 2m AM/SSB Net - 8:15p	LVARC "Hands On Night"	D-Star Net 7:00p	2m FM SIMPLEX net 147.420 8:00	22	23
24	LVARC Net 7:30p N3XG 2m AM/SSB Net - 8:15p	26	D-Star Net 7:00p	2m FM SIMPLEX net 147.420 8:00	29	30

Use your communications skills, equipment and time and participate in the remaining 2023 ARES events!

Volunteer your time, expertise and equipment by contacting Mark (AK3M) at <u>AK3M@rcn.com</u> for the 5K and Rod (N3XG) at (n3xg.radio@gmail.com) for the St. Luke's Marathon.

October 7 (Saturday) -- Women's 5K Classic

November 12 (Sunday) — Delaware & Lehigh Heritage Marathon Run/Walk



August 2023 LVARC VE Report

At the August 18, 2023 LVARC test session, three tested and three passed. **CONGRATULATIONS** to:

Bob House (WB3JSZ) - Extra Chris Klotz (KC3WMU) - Extra Rex Serfass - Tech

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

The next LVARC test session will be held on Friday October 20, 2023. **REGISTRATION IS NECESSARY!** To register, contact Mark (AK3M) at **AK3M@rcn.com**.

Check Your Information on the Club's Website

Go to the W3OI website (<u>W3OI.org</u>) and check to be sure all your information is is correct in the **Members List** under **Member's Area**. Check your **CALL**, **ADDRESS** etc.

Report any changes to Matthew (KB3UZE) at **kriebz@gmail.com**.



MPORTANT

2023 LVARC EVENTS

September 5 - LVARC meeting

October 3 - LVARC meeting

October 7 - Women's 5K Classic

November 5 - LVARC meeting

November 12 - St. Luke's Marathon

December 5 - LVARC meeting

December 15 - LVARC test session



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

Ham Radio Books for FREE or Best Offer

AMATEUR RACIO BOOKS			
APRIL ANTENNA BOOK 19TH EDITION	ATTIL	2002	010 PAGES
APRIL ANTENNA BOCK 21TH EDITION	ARRL	2008	
APRL HANDBOOK	ARRL	2003	1216 PAGES
BASIC ANTENNAS	JOEL R. HALLAS W1ZR	2009	
ELECTRONIC LAB	MAXITHONICS	2003	372 PAGES
LOW EAND DXING	JOHN DEVOLDERE ON4UN	2010	PLUS CD
LOW EAND DXING	JOHN DEVOLDERE CN4UN	1994	392 PAGES
LOW FOWER COMMUNICATION	RICHARD ARLAND K7SZ	2004	
LOW POWER COMMUNICATION VPL. 2	RICHARD ARLAND KTYHA	1994	
THE ARRL ANTENNABOOK	ARRL	1956	
THE RADIO AMATEUR 'S SATELLITE HANDBOOK	ARRL	2003	
THE RADIO AMATEUR'S RADIO WORKSHOP	JOEL R. HALLAS W12R	2015	976 PAGES, PLUS CD
UPGHADE TO GENERAL CLASS	GORDON WEST WINDOW	2000	
WEEKEND PROJECS FO THE RADIO AMATEUR	APPL	1070	
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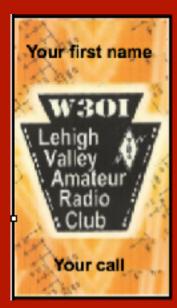
Contact Al Gruenke (KB3JPP) at agruenke@rcn.com.



READER SUBMISSION

de AI (KB3JPP)

LVARC ID Badge



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

I will:

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

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

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

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

Incident Command System (ICS) Certification

If you want to be an LVARC **RACES** member, you will need to have at least ICS 100 and ICS 700 certifications.

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

ICS 700 - https://training.fema.gov/is/courseoverview.aspx?code=IS-700.b&lang=en

You do NOT need ICS certification(s) for ARES.



July 2023 Net Report

(Note Monday July 31st is estimated as the report was not filed by the NCS)

Monday Night ARES / ACS Net:

JUL 3 - 41

JUL 10 - 45

JUL 17 - 49

JUL 24 - 45

JUL 31 - 47

TOTAL JULY Check-in's - 227 (5 Mondays)

Monday Night 2m SSB

JUL 3 - 4

JUL 10 - 5

JUL 17 - 7

JUL 24 - 5

JUL 31 - 6

TOTAL JULY Check-in's - 27 (5 Mondays)

Thursday Night 2m FM Simplex

JUL 6 - 9

JUL 13 - 6

JUL 20 - 10

JUL 27 - 5

TOTAL JULY Check-in's - 30 (4 Mondays)

Respectfully Submitted,

Rodney N3XG

Net Manager



READER SUBMISSION

de Rod (N3XG)





"Autumn is the antidote to stifling summer." -Terri Guille

Mark Your Calendar for the Remaining 2023 ARES Events!

(1) Women's 5K Classic October 7 (Saturday)

(2) D&L Racefest Marathon November 12 (Sunday)



To volunteer for the Women's 5K Classic, contact **Mark** (AK3M) at **AK3M@rcn.com**. To volunteer for the D&L RaceFest, contact **Rod** (N3XG) at **n3xg.radio@gmail.com**.





Monday Night LVARC Net Control Operators

The LVARC is looking for additional Monday Night Net Control Operators. If you are interested in becoming a Net Control Operator for the net, contact Rod (N3XG) at n3xg.radio@gmail.com.

Kudos to the current Monday Night Net Control Operators. They include, **Rod** (N3XG), **Mark** (AK3M), **Jim** (KC3AFU), **Matthew** (KB3UZE), **Tom** (WW3TRG), **Chris** (N3RPV), **Scott** (KB3YOT) and **Dan** (KC3HWD).





Hurricane Season Is Still in Effect!

Don't forget that September is a beautiful month for weather. The humidity is low and the daily temperatures can be very comfortable **BUT** don't forget that hurricane season is still in effect. NOAA ends the hurricane season runs through November 30.



2023 Women's 5K Classic



The Women's 5K Classic will be held on Saturday October 7, 2023. This is the largest fundraiser for breast cancer research on the East coast.

The event is held in the Lehigh Parkway!

The LVARC will once again provide communications support for this event and **your help is needed!** If you can offer your communication's expertise and equipment for a few hours, contact Mark (AK3M) at **AK3M@rcn.com**.

https://womens5kclassic.org



Monday Night Net Control operators are being sought. If you are interested in becoming a Net Control operator for the LVARC Monday Night Net, contact Rod (N3XG) at n3xg.radio@gmail.com.

Women's 5K Classic Volunteer Information de Mark (AK3M)

PSE email Mark (AK3M) if you plan to participate in the Women's 5K Classic **EVEN IF YOU HVE VOLUNTEERED BEFORE**. I want to be sure I have everyone on my list. I am looking for about 17 operators and your help is needed.

Don't wait. Volunteer your services now!

GREAT JOB! The Monday Night Net on August 7, 2023 was held during a severe thunderstorm. Tom (WW3TRG) started the net but was soon absent. Scott (KB3YOT) immediately picked up the net end continued where Tom left off. After a short absence, Tom was back on the air and continued under emergency power! Tom had lost power due to the storm and went to start his generator.

Kudos to Scott for a seamless progression of the net and to Tom who not only completed the net but did so while under emergency power!

What a terrific demonstration of emergency communications skills!





HF Contesting

de Mark (AK3M)

I am not a big contester but one of my favorite HF phone contests is coming up on October 28 and 29. That contest is the *ARRL CQ SSB World Wide DX Contest*.



It is a great contest for DXing and working countries if you are working toward a DXCC!

Check your antennas and feed lines, get your coffee and sit on HF for the weekend. Be prepared to work many countries.

http://www.arrl.org/news/cg-world-wide-dx-contest-rewrites-its-rules





LVARC Members, (de Paul (N0KIA),

READER SUBMISSION

What follows is a message from Holly Caudill to the LVARC web site regarding **upcoming Auxiliary Communications courses**. While Greenberg is a bit of a trip, the other two sites (Wilkes-Barre and York) are relatively local. Msg me if you need more info. Her message follows:

From: Holly Caudill < hcaudill@pa.gov >

Message Body:

I am the Pennsylvania Statewide Interoperability Coordinator (SWIC). Just wanted to make you aware that Auxiliary Communications (AUXCOMM) courses have been scheduled. They are in Train PA for registration. (Home - TRAIN PA - an affiliate of the TRAIN Learning Network powered by the Public Health Foundation) Entering ID# 1112064 is the easiest way to search for the class. There are three offerings:

- October 13th-15th, 2023 in Wilkes-Barre at the PSP Northeast Training Center
- November 3rd-5th, 2023 at the York County Emergency Services Center
- January, 2024 at the PSP Southwest Training Center in Greensburg (actual dates to be determined in January, but you can join the waitlist to be notified when the dates are determined).

A "Work Around" for the LVARC Member's Lookup

The search section of the member's section of the LVARC web site has only First and Last Name as search options. If you are looking for a member, you

can only use these. options to search.

TNX to Paul, there is now a "work around," If you want to search by call.

This is how it works. A workaround for the missing call option on the search

dropdown. If you enter the call, or portion of the call (e.g. "3m" or "kia") and hit the red search button, it will list all entries that have that letter combination. You can also enter a full call, like "WA3PNY", and just that person's record will appear. As long as you don't select from the dropdown list in the second search box, it is a wildcard search throughout all the fields in the database.

TNX for that information Paul!

READER SUBMISSION

Search Members



Free On Line Technician Class Course

A free, weekly, live, Amateur Radio Technician Class Licensing course on Zoom will begin on Thursday, Sept 7, and will run through Thursday, October 19 (7 sessions).



The three-hour sessions will start at 6:30 PM Eastern Time. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Please publicize this with anyone you know that you think would be interested.

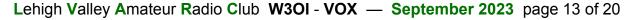
Those wishing to sign up should email me at roland.anders@comcast.net.

Rol Anders, K3RA





The LVARC hosts lots of activities! Listen to the Monday Night Net, attend meetings and/or read the VOX to find out what's happening with the LVARC!



Items for sale New in Box

MFJ 971 HF Portable Antenna Tuner with Meter \$120

https://www.gigaparts.com/mfj-971.html?utm_term=skuzmf-971&gclid=Cj0KCQjwz8emBhDrARlsANNJjS4bJiU7HDrdynn5vtzq7KENeETKinws665JPEzvUbB9St4lc0KLUYaAggtEALw wcB

The MFJ-971 is a compact 200-Watt portable tuner MFJ QRP transceivers.

The MFJ-971 is also a perfect mate for any of todays ultra-compact SSB radios.

It provides a convenient cross-needle type SWR/Wattmeter and features a special user-selectable 6-Watt range for QRP operation.

The T-match tuner covers 1.8-30 MHz and tunes almost any coax, wire, or balanced-feed type antenna (a 4:1 toroid balun is built in for balanced line).

It measures a tiny 6 x 6 x 2½ inches!

CHAMELEON CHA NVIS \$225

https://chameleonantenna.com/shop-here/ols/products/cha-nvis

"Excellent club antenna"

The CHA NVIS is a specialized antenna designed primarily for NVIS propagation and for use by serious Emergency Communication (EMCOMM) operators. The typical use case for the CHA NVIS would be for use inside a disaster area where communications with emergency aid providers, who are located just outside the affected area, is required.

The CHA NVIS antenna will operate from 1.8 – 54.0 MHz (including 160m – 6m Amateur Service bands) without any adjustment when used with an antenna tuner. This antenna requires one center support, approximately 15 feet in height, and is self-guying.

Specifications:

• Frequency: 1.8-54.0 MHz (with external tuner)

• Power: 100W SSB 50W CW 25W Digital

Height: 15 ft.

Element Length: 45 ftWeight: Less than 3 lbs.

• RF Connection: UHF Plug (PL-259).

Set up time: Less than 15 min.

John Gennaro Local Bethlehem Market St 718 813-3099 call or text anytime





ARES Vests Revisited

You may be saying that you have already read the information about an ARES vest but there are many new members or those who have decided to participate in an ARES event who do not know the importance of having a vest for an ARES event.

- (1) Do I <u>NEED</u> to have a vest to participate in an ARES activity? The answer is **NO**. In fact, you never need to have a vest at all.
- (2) Why should I have a vest? (a) Depending on your choice of vest, it will allow you to carry your radio and gear more efficiently. Many vests have pockets especially for that reason.
- **(b)** A vest will allow event personnel and event participants recognize you should they need help or to contact net control.
- (3) Where do I get a vest? There are many sources from where you can get a vest depending on how much you want to spend and what features you want.

Some vest sites include:

https://www.etsy.com/listing/463123003/ham-radio-ares-safety-vest? gpla=1&gao=1&&utm_source=google&utm_medium=cpc&utm_campaign=shopping_us_b-clothing-

other&utm_custom1=_k_EAlalQobChMl1qnB9PjogAMVZ-3jBx2cHgT5EAQYBC ABEgKblPD_BwE_k_&utm_content=go_270945875_21143454515_6901696623 5_pla-58778953596_c_463123003_12768591&utm_custom2=270945875&gclid =EAlalQobChMl1qnB9PjogAMVZ-3jBx2cHgT5EAQYBCABEgKblPD_BwE

https://www.fullsource.com/radians-sv6hg/? size=4&gclid=EAlalQobChMlot2K1fvogAMV9BBlCh1jvgT9EAQYAyABEglm_D BwE

You can also use words like, "Ham Radio Vest," or "Communications Vest," or similar words for searching the internet.

Harbor Freight also has safety vests that you may like in addition to the ARRL site.

The LVARC still has two ARES events left in 2023 and a vest is a good investment.

New Ham in the Lehigh Valley!

Rex Serfass, who tested at the August 18, 2023 test session and earned his Technician license, received his call on August 22, 2023.



CONGRATULATIONS to this new ham! Welcome **KC3WQB** to the hobby if you hear him on the air!



CONGRATULATIONS to LVARC member Wayne Wagner (**WA3DHM**) who received his certificate of code proficiency from the ARRL at **10 WPM**.

Don't Forget to:

- 1. Check the expiration date of your license.
- 2. Check the expiration date of your VE certificate.
- 3. Make any call changes with the LVARC.
- 4. Make any call changes with the FCC
- 5. Make any address changes with the LVARC.
- 6. Make any address changes with the FCC.



Keep your information current with the LVARC and FCC!





Do you have something to share with the LVARC members? Do you want to be published?

Send your VOX submission(s) to Mark (AK3M) at **AK3M@rcn.com**. Your submission can be graphics and/or text.





"In many ways, September feels like the busiest time of the year: The kids go back to school, work piles up after the summer's dog days, and Thanksgiving is suddenly upon us." — Brené Brown

W3OI Amateur Radio Club Monthly Meeting August 2023

Combo Local and Remote via Zoom

The Meeting was called to order by Rodney Wolfe (RW) @ 731PM

Secret Word is CODEX and needs to be emailed to KS3RO@ARRL.NET to show attendance for online participants.

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

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

Online was interactive with full communications for both local and remotes

ATTENDEES

There were a total of 20 members in attendance with 4 remote members (as per the email method) and 16 Local Attendees.

The following Board Members were present at the meeting:

President – Rodney Wolfe N3XG PRESENT

Vice President - Jeff Bauer WA3PNY PRESENT

Treasurer - Paul Ryan N0KIA PRESENT

Secretary - Steve Olock KS3RO PRESENT

Board of Governors:

Rick Pearce KC3EXO PRESENT

Mark Miller AK3M PRESENT

Matt Kriebel KB3UZE (Not Present)

Scott Leichssenring KB3YOT PRESENT

Myles Bodisch KB3ZMA (Not Present)

Guests: None noted

Proceedings:

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

Motion to approve was made by Rick KC3EXO and 2nd Dan KC3HWD by Passed = Y

Program for tonight: Yaesu System Fusion presented by John AB3LZ

Treasurer's Report (Paul - N0KIA)

Final expenses from field day were received, approx \$500 in total expenses was noted for Field Day 2023

Food, Porta Potty, supplies inclusive

After a VE donation to the club, we finished the month up about 5% from our last months totals

For details, please contact a board member

Motion to approve Treasurer's report as read was made by Scott KB3YOT and 2nd'd by , John AB3LZ Motion Passed = Y

Committee Reports:

ARES & VE Reports for the August 1 2023 Meeting

ARES Report

The following ARES events are scheduled for the 2023 season:

October 7 (Saturday) —- Women's 5K Classic November 12 (Sunday) —- St. Luke's Marathon Run/Walk

<u>VOLUNTEERS ARE NEEDED!</u> To volunteer for the Women's 5K Classic, contact Mark (AK3M) at AK3M@rcn.com.

To volunteer for the St. Luke's Marathon, contact Rod (N3XG) at n3xq.radio@gmail.com.

VE Report

The next LVARC test session will be held on Friday August 18 at 6:00p. This test session will be held at the Tri-Clover Fire Company. At this time, two are scheduled yo test. Future test sessions held at Hanover Elementary School are to be determined. Future 2023 test sessions include October 20 and December 15.

<u>Communications</u>: Everyone should log onto the website, and when doing so please check your account information for accuracy of contact and email data.

For the current time, If you want to pay cash, setup the account then close the page and see Paul N0KIA at a meeting

What happened to callsign search? We will raise questions to the developer as to how the membership system is working

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

Repeater report: by Rod N3XG

- .94 running solid with no issues noted
- .135 both analog and digital running well with all the changes .135 repeater is gaining in popularity and activity

D-Star stack is stable now and ourrepeater is back from yaesu following its firmware update. It will now serve as a backup to .135 repeater that was gifted to the club by Jeff WA3PNY

Club Station / Trailer:

No activity, no updates

Old Business:

- >Sussex hamfest, road problem inhibited access but it did run
- >>\$75 was made on sales of old repeater at the hamfest
- >The club is still in need of net operators, please contact Rod if interested in learning the exciting and rewarding career in Monday Net Operator!

New Business: No new members this month

Sick Call:

None noted

Good of the Order:

Hamfest Upcoming: from Bob Wilson, W3BIG EPA Section Manager

>August 5: READING RADIO CLUB Hamfest at Heritage Park in Sinking

Spring, PA. https://www.qsl.net/w3bn/

>August 13: MID-ATLANTIC AMATEUR RADIO CLUB Hamfest at Kimberton Fire

Company Fairgrounds in Phoenixville, PA.

http://www.marc-radio.org/hamfest2.htm

>September 17: EASTERN PENNSYLVANIA AMATEUR RADIO ASSOCIATION Hamfest at

Moose Lodge 1336 in East Stroudsburg, PA. https://qsl.net/n3is/

>October 7: RED ROSE REPEATER ASSOCIATION Hamfest at the Garden Spot

Fire and Rescue Station 1 in New Holland, PA. https://w3rrr.org/

>3mosquitos.com was suggested for gear for the portable ham

A motion to close the August 2023 meeting was made by Dan KC3HWD and 2nd by Rick KC3EXO

Motion Passed = Y

Meeting Adjourned at 8:06

Meeting adjourned at

Respectfully Submitted Steve Olock KS3RO, Secretary

On The Air Nets for W3OI

Club Net Monday 730PM 146.94

Monday 815 2M SSB 144.250

Wed 7PM dstar / digital d-rats / 147.7125

Thursday 8PM FM Simplex 147.420 5-8

10 Highlights In This VOX



- The September LVARC meeting will be held via ZOOM AND In Person on Tuesday September 5 at 7:30p.
- and more ..

- 2. Women's 5K Classic in October.
- 3. Send your articles, pix., etc. for inclusion in the VOX to Mark (AK3M).
- 4. Submit your "What Ever Happened To ..." / "Do you remember?"
- 5. New/renew LVARC ID badges.
- 6. Remaining ARES events.
- 7. Net control operators wanted.
- 8. FCC ICS courses.
- 9. Free ham radio books.
- 10. Check your information on the member's section of the LVARC website.

