



# The VOX



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

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## Officers

President: **John Bartos** - AB3LZ (e03145jab@gmail.com)  
Vice President: **Chuck Ballard** - W3CDY (chballard@compuserve.com)  
Secretary: **Phillip Bigg** - KB3HMK (philbert17@ptd.net)  
Treasurer: **Paul Ryan** - N0KIA (paul.f.ryan@gmail.com)

## Board of Governors

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

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## 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),
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**Many club announcements will be heard there.**  
**ALL are welcome to check in!**

The **September** LVARC meeting will be on **Tuesday September 3**, 2019 at the Tri-Clover Fire Company in Orefield at **7:30p** local time. The scheduled program includes, ***“Ionizing Radiation/Health Effects”*** presented by John (AB3LZ).

*Plan to attend!*

The LVARC holds it's monthly meetings on the **FIRST TUESDAY** of every month at the **Tri-Clover** Fire Company in Orefield, Pennsylvania at 7:30p local time.

## **LVARC TEST SESSIONS**

The LVARC holds monthly test sessions on the third Friday of every month. The test is held at Hanover Elementary School at 3890 Jacksonville Road in Bethlehem, PA at **6:30p**.

**REGISTRATION IS REQUIRED.**

To register, contact Mark (AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com) or call 610-428-4475.

## **\*NOTICE\***

The LVARC radio shack is open for use on the third Tuesday of the month BUT you **MUST CONTACT JOHN (AB3LZ) FIRST**. John can be contacted at ([e03145jab@gmail.com](mailto:e03145jab@gmail.com)).



Did you know according to manufacturer Spalding the average lifespan of an NBA basketball is 10,000 bounces?



# SEPTEMBER 2019

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2 LVARC Net 7:30p	3 LVARC Meeting 7:30p	4	5	6	7
8	9 LVARC Net 7:30p	10	11	12	13	14 Get Prepared Parkland event
15 Deadline to register for test session	16 LVARC Net 7:30p	17 LVARC Activity Night	18	19	20 LVARC Test Session 6:30p	21
22	23 LVARC Net 7:30p	24	25	26	27	28
29	30 LVARC Net 7:30p	SEPTEMBER 2019				

## **2019 ARES Event Schedule**

*(Mark your calendar as volunteers are needed)*

**September 8 (Sunday) — St. Luke's/VIA Marathon**

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

**November 3 (Sunday) — Delaware & Lehigh Heritage Half  
Marathon Run/Walk**

**November 3 (Sunday) — Penn State "Thon" 5K in Hanover Twnsp.**

*(Contact Mark (AK3M) to volunteer) - [AK3M@rcn.com](mailto:AK3M@rcn.com)*



## **Up Coming LVARC Programs**

**September** - "Ionizing Radiation - Part 2," - John Bartos (AB3LZ)

**October** - "TCPIP and Home Networks," - Paul (N0KIA).

**November** - Jeff Bauer (WA3PNY)

**Note:** — Programs topics are subject to change. Listen to the Monday Night Net for changes.



## **Red Cross Emergency Radios**



## The LVARC Event Summary

September 2 - Monday Night LVARC Net - 7:30p 146.940  
September 3 - LVARC meeting at 7:30p at the Tri-Clover F.C.  
September 8 - VIA Marathon  
September 9 - Monday Night LVARC Net - 7:30p 146.940  
September 16 - Monday Night LVARC Net - 7:30p 146.940  
\*September 17 - LVARC radio shack open for use  
September 20 - Test session at Hanover Elementary (6:30p)  
September 23 - Monday Night LVARC Net - 7:30p 146.940  
September 30 - Monday Night LVARC Net - 7:30p 146.940



\* The LVARC radio shack is open on the third Tuesday of the month **ONLY AFTER CONTACTING JOHN (AB3LZ) at [e03145jab@gmail.com](mailto:e03145jab@gmail.com)**.



### ***The BIG One Is Next!*** - de Mark (AK3M)

The **St. Luke's/VIA Marathon** is the next (third) LVARC ARES event to be scheduled for 2019. This is a **BIG** event as it **covers two counties and 26+ miles!** Many LVARC operators will be needed to supply communications support, including the manning of Sag Wagons. If you are new to ARES, your help is still needed to provide communications support. Don't let lack of experience make you hesitate to volunteer. If you have volunteered for this event before, you know how much our service is needed and welcomed!

This marathon will be held on **Sunday September 8, 2019**. A minimum of 17 operators will be needed and perhaps more as we need to man 4-5 sag wagons with LVARC operators as well as fixed positions. **To volunteer, contact Mark (AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com)**. Also, **PSE don't forget to register on ARES CONNECT.**



Back in June, Phil (KB3HMK) and Andy (AK3KA) presented Amateur Radio at a children's festival in Bethlehem. Below is a nice thank you letter to Andy for his participation from Phil who was in charge of the LVARC's participation.



## NOTICE - de Mark (AK3M)



I am updating the LVARC email list that I use to distribute the VOX. If you are not an active member of the LVARC, you will not receive the VOX via email. ***An active member is one has paid his annual dues NO LATER than March of the year.***

If you are NOT a current LVARC member, you will be removed from the VOX distribution list. If you do not receive the September issue of the VOX emailed to you as a pdf, it means that you have not paid your dues for 2019. That, of course will NOT keep you from viewing the VOX from the LVARC website. You will also not receive LVARC email notifications if your 2019 dues are up to date.



The human brain uses approximately as much energy as a 10 watt light bulb.



(Just a bit above QRP!)



Its not too late to think about your antenna projects before the bad WX seasons begin.

*I know. I have to make repairs! - ed.*



**Don't forget to check in to the LVARC Monday Night ARES/RACES/LVARC net on 146.94 (PL 71.9) every Monday Night at 7:30p local time. Many club announcements will be heard there.**



# How Times Have Changed! - de Larry (NR3R)

A bug for \$7.95!

Circa 1900's

READER SUBMISSION

## T. R. McELROY

World's Champion Radio Telegrapher

23 BAYSIDE STREET  
UPHAMS CORNER P. O.  
BOSTON, MASS.





51 WPM 5015 WPM 53 WPM  
BOSTON CHICAGO NEW YORK  
1900 1908 1901

*Circuit Record  
49 wpm Boston 1935*

**You can send better with a MAC KEY or your money refunded after five day trial**

**\$7.95**  
Each. Same



1. Massively constructed base and superstructure are solid casting. Vibrationless.
2. Name plate with serial number for operator's protection.
3. Binding post. Other post is number 19.
4. Vibration dampener adjusted so may be thrown out of way for handling wires.
5. Vibration dampener adjustment screw so that roll hits rod exact center.
6. Vibration dampener roll is machined steel for beautiful stationary reading.
7. Straight key character lever. Locks rod for shipping and handling also.
8. Speed governor weight. 5 wpm to 50 wpm.
9. Winding rod.
10. Dot U spring holding and adjusting collar. This U spring formed in a die cast of highest quality Swedish blood steel of exact weight desired and then Parkerized for longevity.
11. Main spring also cast in steel after exhaustive examination for correct weight and also Parkerized.
12. Main lever yoke casting which provides the excellent dash lever response.
13. Dot lever back stop screw.
14. Dot lever level screw.
15. and 16. Dot and Dash contact screws on solid bar for perfect alignment.
17. Thumb paddle for dots.
18. Dash button for first and second spaces.
19. Binding post. Other post is number 3.
20. Dash lever spring (Parkerized) and adjustment nut.
21. Dash lever spring (Parkerized) and adjustment nut.
22. Dash lever and dot lever bearing adjustment screws.

**FOR TELEGRAPH OPERATORS \$10.00**

I have a special model with circuit closer and my Mac Cord affixed to binding posts, which I've made up because so many telegraph operators wanted my key but needed these extras for use on telegraph wires.

**MAC OSCILLATOR @ \$3.95**  
(either AC or DC)

Tone control, 1000, 800, and 600 cycle note. Phone output 2000 ohms and 10 DB. Separate output 200 ohms — 30 DB. This oscillator is really a great asset in improving code. Uses 2 No. 76 tubes.



*All Mac Items Stocked and Sold by Nearly All Distributors*

# Lehigh Valley Amateur Radio Club (W3OI)

## Meeting Minutes

Date: August 6, 2019

The meeting was called to order by President Bartos at 1930 Hrs. (EST).

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

There was a total of 16 members in attendance, and the club was joined by 1 guest.

The following Board Members were present at the meeting:

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

**Guests:** Mark Rice (AC3ES)

**Corrections additions to the minutes:** None noted

Motion to accept made by: Chuck (W3CDY)

Seconded by Steve (K2OPA)

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

**Treasurer's Report:** The report was presented Paul (N0KIA)

Motion to accept made by Chuck (W3CDY)

Seconded by Walt (KE3ESP)

Motion passed by voice vote: (Y/N)

### **Committee Reports:**

**Repeater:** There have been spurious noise problems with the 94 repeater. It was experienced during the club net on August 5. Members have also experienced the noise during other times. The consensus was that it is a voter issue. It was noted that the noise could not be heard on the input to the repeater. The issue will be referred to the Kelly's.

**Program:** Tonight's program will be the first of a two-part presentation on ionizing radiation by Chuck (W3CDY). The second part will be presented in September by John (AB3LZ).

**Volunteer Examiners:** There was no testing conducted in July.

**ARES / RACES:** The next ARES event will be the **St. Luke's Marathon** to be held on **Sunday September 8**. More operators will be needed to man locations along the 26+ mile route as well as sag wagon volunteers. Contact Mark (AK3M) to volunteer. John (AB3LZ) will send out an email to the club membership requesting volunteer operators.

**Club Station / Trailer:** We hope to resume work on the trailer this fall when we get cooler weather. We will also plan a club station clean-up. We have begun to accumulate junk in the club station.

**Communications:** Paul reviewed the process for copying the club email distribution list from the club website. He has added two additional club website email listing with different delimiters. These should cover all email applications now in use. Paul stressed the importance of using the bcc address field when send emails to the club membership.

### **Old Business:**

Don (N0VGA) reported that we had 16 people attend the club picnic. That is about 10 less than previous years. John (AB3LZ) reported that the BOG will consider moving the Club Picnic to later in the summer or early fall. John will provide an update at the September meeting.

A short post Field Day discussion was held to supplement the comments provided at the July meeting. John (AB3LZ) noted that we intend to improve on the food organization and management for next year. Paul (N0KIA) noted that he has discovered how to change the color schemes for FD Logger. Matthew (KB3UZE) is going to look into a cheap GPS device with a USB output to resolve the FT8 computer time drift issue.

**New Business:**

Paul (N0KIA) announced that he is making a bulk purchase of computer cases from Amazon for another organization he provides volunteer services. He is donating 4 cases for the club computers. He is getting a reduced price. He will include club members interested in a new computer case to his bulk order. He will send an email to the membership with all the details.

**New member applicants:**

Mark Rice – AC3ES  
Jeffery Faryniak – KC3KTO  
Jason Faryniak – KC3GKY

New Members motion to accept made by: (Chuck- W3CDY)  
Seconded by: Mark- (AK3M)  
Motion passed by voice vote: (Y/N) Y

**Good of the Order:**      Nothing to report

**Sick Report:** Kenny (KC3BLE) and Rod (N3XG) are under the weather and could not attend tonight's meeting.

The LVARC Monthly Business Meeting Closed at 2000 hrs. (EST.)  
Motion to accept made by: Chuck (W3CDY)  
Seconded by: Don (N0VGA)  
Motion passed by voice vote: (Y/N)

Respectfully Submitted de AB3LZ, President.

## The LVARC ARES Season is **Not** Over Yet!

After the St. Luke's/VIA Marathon, the LVARC provides communications support for at least more L.V. events.

On **Saturday October 5**, is the **Women's 5K Classic**. This is the largest breast cancer fundraising event on the East coast. The route takes place in and around the Lehigh Parkway area. Many operators will be needed for this event.

Following the W5K Classic, on **Sunday November 3**, is the **Hanover Township Fall 5K** which benefits Penn State's THON. About 9 operators will be needed for this event.

Also on **Sunday November 3**, may be the **Delaware & Lehigh Heritage Half Marathon Run/Walk**. This is yet to be determined and will be hosted by Rod (N3XG).

To volunteer for the W5K Classic and/or the **Hanover Township Fall 5K**, contact Mark (AK3M) at [AK3M@RCN.COM](mailto:AK3M@RCN.COM).

To volunteer for the D&L Heritage Half Marathon, contact Rod (N3XG) at [n3xg.radio@gmail.com](mailto:n3xg.radio@gmail.com).

**Your help is still needed for a terrific end to the 2019 LVARC ARES season!**

*Use your communication expertise and equipment to aid your community events.*



## Have You Been There Yet?

Have you visited The **National Museum of Industrial History** yet? There is a terrific radio exhibit at the museum in Bethlehem which includes a **working amateur radio station!**



There is a fee for this exhibit but it is **FREE to licensed amateur radio operators**. In fact, licensed ham operators are **encouraged to attend AND operate using their own call!** The exhibit will remain until mid November but don't delay.



The exhibit is open to the public on Wednesdays through Sundays, 10 a.m. to 5 p.m.

Visit the website for additional information.

[WWW.NMIH.ORG](http://WWW.NMIH.ORG)

You can also go to: <http://nmih.org/exhibits/dont-touch-that-dial/>

The address of the museum is **602 E 2nd St, Bethlehem, PA. 18015.**

On September 21, a special event station will be operating from the station using the call **N3M**.



***Let's Radio!***

# Get Prepared Parkland

The “*Let’s Get Prepared Parkland*,” exhibition will be held on **Saturday September 14** from 11:00a to 3:00p (local). This event will be held at **Parkland High School** at 2700 N. Cedar Crest Blvd., Allentown, PA.



There will be demonstrations, presentations and trainings to earn giveaways just by having fun!

## Get Prepared Parkland!

Stay Informed

STAY INFORMED

In order to keep in touch with LVARC news and activities and to receive the VOX, keep your **membership, email, address** and **phone number** updated ! Note any changes to Paul (NOKIA) at [paul.f.ryan@gmail.com](mailto:paul.f.ryan@gmail.com).

There are a lot of events happening in September and October! Volunteer your time and expertise in LVARC activities.

*Lots Happening  
in Fall 2019!*

Nominations for 2020 officers will also start to be taken in October. November will include continued nominations and ARES activities with December including elections of officers and board and the annual holiday party.