



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 **July** LVARC meeting will be held on **Tuesday July 6,** 2021 using **ZOOM** at **7:30p** (local time).

The scheduled program: TBA

Plan to attend this Meeting

The LVARC holds it's monthly meetings on the **FIRST TUESDAY** of every month On Line using **ZOOM** and **now in person** at the Tri Clover Fire Company in Orefield 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

July 6 — Program TBA

Note: — Programs or topics are subject to change.



HAPPY 245 Years USA!



| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|---|---|---|-----------|---|---|----------|
|  <p style="text-align: center; font-size: 2em; color: blue;">July 2021</p> | | | | 1 | 2 | 3 |
| | | | | | D-Star Net 7:00p | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|  <p style="text-align: center; color: blue;">July 4 Holiday</p> | <p style="text-align: center; color: orange;">LVARC Net 7:30p</p> <p style="text-align: center; color: red; font-weight: bold;">KC3AFU</p> | <p style="text-align: center; color: white; background-color: blue;">LVARC Meeting 7:30p via ZOOM</p> | | <p style="text-align: center; color: white; background-color: purple;">D-Star Net 7:00p</p> | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | <p style="text-align: center; color: orange;">LVARC Net 7:30p</p> <p style="text-align: center; color: blue; font-weight: bold;">WW3TRG</p> | | | <p style="text-align: center; color: white; background-color: purple;">D-Star Net 7:00p</p> | <p style="text-align: center; color: white; background-color: blue;">LVARC Test Session 6:00p</p> | |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| | <p style="text-align: center; color: orange;">LVARC Net 7:30p</p> <p style="text-align: center; color: red; font-weight: bold;">AK3M</p> | <p style="text-align: center; color: white; background-color: green;">LVARC "Hands On Night"</p> | | <p style="text-align: center; color: white; background-color: purple;">D-Star Net 7:00p</p> | | |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |
| | <p style="text-align: center; color: orange;">LVARC Net 7:30p</p> <p style="text-align: center; color: blue; font-weight: bold;">KC3AFU</p> | | | <p style="text-align: center; color: white; background-color: purple;">D-Star Net 7:00p</p> | | |



The LVARC August 6 Meeting Is Scheduled Be **BOTH** “In Person” **AND** using ZOOM!

Starting with the Tuesday August 6, 2021 meeting, the LVARC meetings will resume the first Tuesday of the month at the Tri Clover Fire Company **AND** via ZOOM at 7:30p.

Its Hurricane Season!

de Mark (AK3M)



I received an email from the ARRL about Individual and Community Preparedness and though I would pass along to LVARC readers.

Although this information came at the time of hurricane season, it is applicable to all kinds of severe weather alerts.

Be on Alert

- Know the [risks](#) in your area. Find out what types of wind and water hazards could occur where you live.
- Download the [FEMA app](#) to your mobile phone and receive real-time alerts from the [National Weather Service](#) to be informed about hurricane watches and warnings.
- [Sign up for community alerts](#) in your area.
- Be informed on the latest [CDC guidance on COVID-19](#) to see how it could impact your plans.

(Continued on page 5)

“A little bit of summer is what the whole year is all about.”
— John Mayer

Make an Emergency Plan

- Get started by [having enough supplies](#) for your household, including medication, disinfectants, masks, and [pet supplies](#) in your go bag or car trunk.
- Make sure to have extra water and nonperishable foods at home. After a hurricane, you may not be able to purchase some essential items for days or even weeks.
- [Involve your whole family](#) in creating a [family emergency communications plan](#) and [emergency kit](#).
- [Learn your evacuation routes](#). Practice with household members and pets and identify where you will stay. Local emergency managers will provide the latest recommendations based on the threat to your community.
- If you need to evacuate to a public shelter, review the latest [CDC guidelines for public shelters](#) before you head out. If public evacuation shelters aren't the safest choice for you and your family, prepare alternative plans to shelter in place at home or with nearby friends or family, whichever is safest.

For more information, go to: FEMA-prepare@fema.dhs.gov.



If you took pictures of the 2021 LVARC Field Day and/or have an article describing your Field Day experience, send them to Mark (AK3M) for inclusion in the VOX.

Send your submissions to AK3M@rcn.com.

There have been 27 versions of the American Flag.

What Do the Colors of the U.S. Flag Mean?



According to custom and tradition, **white** signifies purity and innocence; **red**, hardiness and valor; and **blue** signifies vigilance, perseverance, and justice.

The St. Luke's Half Marathon will be held on October 17, 2021.



Volunteers are needed to provide communications support for this event.

You will need to invest about 3-4 hours on a Sunday morning. Use your skills and equipment to help with this worthy cause. Since this is an ARES event, no ICS certificates are necessary to participate. Simply volunteer.

You will be responsible for handling traffic among the course positions and the Net Control station.

Don't wait. **Check your calendar and volunteer now.**

To volunteer, contact Mark (AK3M) at AK3M@rcn.com.

REMEMBER:

(1) You now need an **FRN** prior to taking an FCC exam or doing any business with the FCC.

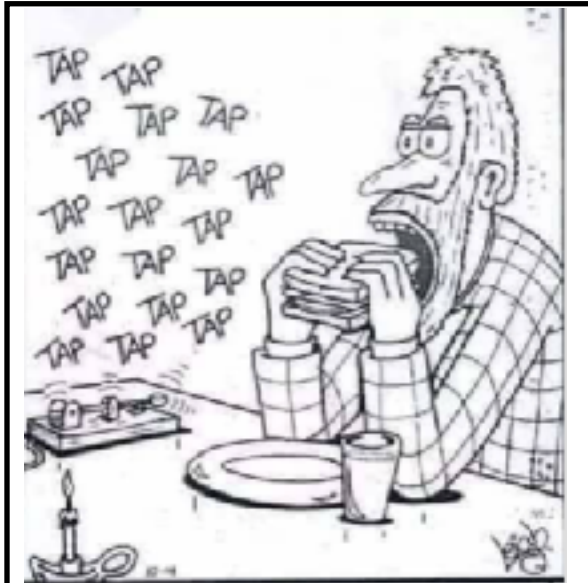
(2) An **email address** is also required when working with the FCC.

FEMA APP

FEMA has an app which covers recognition, planning and after event information.



Download for IOS and Android.



No sooner had Samuel Morse devised his famous code than he was harassed nightly by annoying telegram marketers.

READER SUBMISSION

de Larry (NR3R)

Lightning strikes the earth about 8 million times a day.



July and August LVARC Dates to Remember

July 6 — LVARC meeting via ZOOM

July 20 — Hands On Night (Hybrid meeting test)



August 6 — Hybrid LVARC meeting



The July 20 LVARC Hands On Night will include a “Test Hybrid,” meeting. ZOOM will be used from the fire company as a test. The plans as of now, are to have both in person and ZOOM meetings starting August 6, 2021.

Have you volunteered to help provide communications support for the St. Luke’s Half Marathon on October 17 yet?



Your communications expertise is needed. LVARC members will be placed around the course and handle communications to/from their position to the net control station.

Mark your calendar and volunteer now. Contact Mark (AK3M) at AK3M@rcn.com to volunteer or for more information.

Can a flag be displayed at night?

(Answer on page 9)



Don't Forget



There has been much discussion about, "Go Bags," for our communications, to be used for emergency communications deployment.



We have not talked much about the gear/bag that you should keep at home in case of an incident that would restrict travel and keep you at home in an emergency (ie, extended over outages). When creating a bag for either home stay or evacuation, don't forget your pet(s). Be sure that you pack toys, food, medicine etc., that your pet likes or requires.



Operating Tip: "Q" signals are **NOT** used on VHF/UHF. Save them for HF and CW.

How was your 2021 Field Day experience?

Submit your Field Day 2021 experience to me (AK3M@rcn.com) for inclusion in the VOX. If this was your first FD or you are an experienced ham and have attended many Field Days, we want to hear from you. Feel free to include any pictures you may have taken.





Can a flag be displayed at night?

(From page 8)

Yes, as long as it is properly lighted.



ARES Help Needed

The St. Luke's Half Marathon will be held on October 17. YOUR HELP IS NEEDED. The LVARC will provide communications support for this event. Volunteers will be placed around the course and will handle event traffic to/from the net control station. If you can volunteer your communications expertise for this event, contact Mark (AK3M).

Don't forget to ID when keying the repeater. Do NOT "Kerchunk," the repeater!



A flag flown upside down indicates:

1. It's the president's birthday.
2. Distress
3. Its a national holiday.
4. The U.S. is at war.

(Answer on page 11)

How Important Is ARES? - de Mark (AK3M)

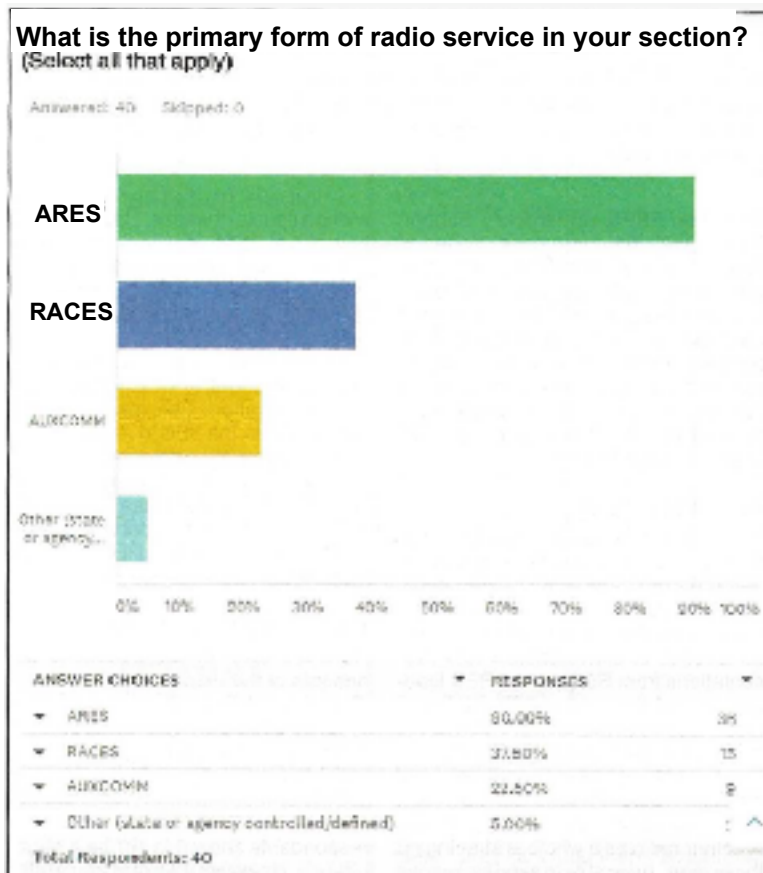
For the last several issues of the VOX and on the Monday Night Net, I have been soliciting volunteers to provide communications support for the St. Luke's Half Marathon to be held on October 17, 2021. Before the COVID restrictions, the LVARC had an active ARES program!

Reading the April 2021 QST, I saw the results of an ARRL emergency communications survey. The entire results of this survey can be seen on pages 38-42 of that issue.

I present this chart to verify my observations of ARES which includes the LVARC ARES program.

When presented with an ARES event, like the Half Marathon, volunteer your time and communications expertise. If you are new to amateur radio or ARES, do not hesitate to volunteer. Remember, you need no ICS certifications to participate in ARES.

If you need more information or want to volunteer for an ARES event, contact me (Mark - AK3M) at AK3M@rcn.com.





ARES and ICS/NIMS

de Mark (AK3M)



There has been much information in this and other issues of the VOX about ARES, RACES, ICS and NIMS. What does it all mean?

Lets begin by defining the terms. **ARES** is the **A**mateur **R**adio **E**mergency **S**ervices, **ICS** stands for **I**ncident **C**ommand **S**ystem and **NIMS** means **N**ational **I**ncident **M**anagement **S**ystem. **ICS** and **NIMS** are the same.

In order to participate in a RACES event, you ***MUST*** have ICS/NIMS **ICS 100 AND ICS 700** certifications. These certifications are offered by FEMA. They can be found at:

ICS 100 — <https://training.fema.gov/is/courseoverview.aspx?code=is-100.c>

ICS 700 — <https://training.fema.gov/is/courseoverview.aspx?code=is-700.b>

Once you have earned ICS 100 and ICS 700 (and other ICS certifications), Send them to Mike (KC3BLF) (as he is keeping a list of current RACES members.

To participate in an ARES event, you simply volunteer when the event is announced.

As of now, the LVARC requires NO ICS/NIMS certifications for ARES activation.

RACES activation is initiated by Lehigh County EMA and ARES events will be announced on the Monday Night Net, at meetings and in the VOX.

A flag flown upside down indicates:

1. It's the president's birthday.
2. **Distress**
3. Its a national holiday.
4. The U.S. is at war.



ARES Event Needs Volunteers

We are looking for a bunch more radio operators to support the Eastern States 100 Ultra Marathon. Eastern States is a 103-mile single-loop trail race (98% single/double-track) in the Wilds region of the Allegheny Plateau in north-central Pennsylvania.

The race circumnavigates a portion of the stunning Pine Creek watershed that includes some of our longest climbs and most technical and remote terrain. It visits storied trails like the Mid State Trail and the Black Forest Trail, and accumulates over 20,000 feet of climbing in the process — all in the glorious heat and humidity of August. **This race is Saturday Aug 14 thru Aug 15 2021.**

Radio operators are need to help support Logistics and Tracking runners at the 17 check points. We need Volunteers for the following aid stations at a minimum AS1, AS3, AS5, AS11, AS16, AS17. Other Aid Stations have slots open.

Please visit <https://runsignup.com/Race/Volunteer/PA/Waterville/EasternStates100#16697> to sign up for and position labeled as Radio Operator.

Thanks
Travis Best
W3TMB
tbest@w3tmb.com
570-279-1746



July LVARC Test Session



The LVARC will hold a test session on **Friday July 16** at the **Tri Clover Fire Company**. Contact Mark (AK3M) (AK3M@rcn.com) or call **610-428-4475** to register. The next test session will be held in September, 2021.

Minutes of W3OI Amateur Radio Club

June 1, 2021

Zoom Session-No Local

The Meeting was called to order by MB @ 1932

The meeting opened with the full remote meeting procedure for motions, and then a moment of silence was observed for Silent Keys.

ATTENDEES

There were a total of 20 members in attendance (as per the email method).

The following Board Members were present at the meeting:

President – Myles Bodisch Present

Vice President – Jeff Bauer Present

Treasurer - Paul Ryan Present

Secretary - Steve Olock Present

Board Members:

John Bartos Present

Mark Miller Present

Rick Pearce Present

Matt Kriebel Present

Rod Wolfe Present

AGENDA

Guests: None Noted

Corrections additions to the minutes: None noted Motion to accept made by: AK3KA

Seconded by:KC3OVG

WW3TRG Noted positively the quality of Vox

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

Program tonight by KB3ZMA on Field Day

Treasurer's Report (Paul - N0KIA)

The report was presented by Paul N0KIA

Solar System Purchase paid out, New membership income Noted

Bruce Bobo Fund is now fully consumed

Motion to accept made by:KC3OVG

Seconded by: AB3LZ

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

Committee Reports:

Program: FD

Volunteer Examiners: Test Session 6/18 at Tri Clover, 9 on deck

ARES / RACES: St Lukes half, oct 17th, needs volunteers Contact Mark AK3M to volunteer

Repeater: Rod, .94 intermittent vol issues, voter cards and 1 receiver deaf Work Order submitted

Sunday DStar router down, N3RPV, KC3FEZ and KC3BLF fixed it
WA3PNY connected with sysop tools KA8SCP Terry, DStar W3OI
passwords can be reset, Contact Rod N3XG for details.

County owned and maintains both sites, we are licensee / trustee

Club Station / Trailer: MB & JB to do some coax stuff and new chairs

Communications: Nothing to report. Contact Chuck (W3CDY) with any issues

Old Business: Membership stuff

Rod, N3XG, Re bringing associate to active memberships

To make this a clean slate going forward, all members at associate level will progress to active membership.

Vote all current members to full status as per the vote in New Business.

A discussion regarding the whys and hows of the levels.

Questions were asked, clarifying the fact that we are returning to proper order, and no one loses on the correction, all get the benefit of the doubt.

In Person Meetings Hybrid, Hands On Night 7/20 will be a trial hybrid run.

New Business: No new members
FD 6/26-27 at usual Brickyard sight
8AM Saturday

Survey (confidential) by Rod to follow via survey monkey
Porta potty, Motion \$250
Motion KB3YOT 2nd N3WGH Carried Y
Rod; Motion to advance all associates to full status at end of meeting
Motion KC3OVB 2nd KB3YOT Y

Sick Call: Chuck W3CDY had a new knee installed, he is up and getting around currently.

Good of the Order:

KC3HWD Dan, 2 people talking on repeater, they noted good coverage and were appreciative of the system

N3WGH, Doug, status of transfer excess cash reserves to a interest bearing fund, Paul will follow up with vanguard
KB3YOT, Caution on Cyber Attacks, beware and be vigilant
KC3EXO, Caution on email as a n attack point
WW3TRG, Beef Plant Attack observations
Myles KB3ZMA Hamfests are starting up, How to check membership status on the website. Clarified by Paul N0KIA

The LVARC Monthly Business Meeting Closed at 2020hrs. (EST)
Motion to accept made by:KB3YOT
Seconded by:AB3LZ
Motion passed by voice vote: (Y/N) Y
Respectfully Submitted Steve Olock KS3RO, Secretary

PRESENTATION

Field Day
Brickyard Rd
8-830AM Setup, 6/26
Med Council supplying equipment but
New Tent, yellow is dead

New Tent, Trailer and E-Zups will be the facilities
Generator provided
N3MYM 6 Meter Beam is confirmed
Phil Food Org, will send an email to get status
AK3M no walk in testing
AB3LZ- How many stations?
1:Analog HF
2:Dig HF
3:6M VHF
HF in the trailer is good candidate for digi, wsjtx
Sanitation: Clean and wipe all contact areas
No on bringing personal gear
James N3NRD who is a linux dev op to work on laptops as necessary
Cards names on lanyards was discussed
ACTION ITEMS Prep for Field Day is on a few peoples plates to prep for
FD NEXT MONTH'S AGENDA

ATTENDANCE Confirmation VIA Secret word to KS3RO@ARRI.NET
Word: **Triode**.

It should be noted that there were MORE members present on the zoom, but since the recording doesn't record screen names, email/codeword is the only listing that will be used.

KC3BLF Mike Mandell, As the first reply Mike wins 2db of noise floor reduction that he can use within the month of July.

WA3PNY Jeff Bauer
N3XG Rodney Wolfe
N3WGH Doug McNair
KB3YOT Scott Leichssenring
KC3RZG Greg Glick
N3MYM Matt Boyer
N6NRD James Linden
KC3RMW Matt Stehle
W3TNT Steve Haas
KC3OVB Bob Krause
WW3TRG Tom Gyory

N0KIA Paul Ryan
KB3UZE Matt Kriebel
AK3KA Andy Koslap
N3MYM Matt Boyer
AK3M Mark Miller
NR3R Larry Miller
KB3HMK Phil Bigg
AB3LZ John Bartos
WB3JSZ Bob House
KS3RO Steve Olock
KB3ZMA Myles Bodish
KC3EXO Rick Pearce



New Hams

At the June 18, 2021 test session, five tested and five passed.

CONGRATULATIONS to Scott Redfield (T), Donald Hein (KB3CJUE), (E), Al Schultz (G), James Linden (N6NRD) (G) and Joe McDonald (T).

VEs in attendance included Mark (AK3M), Walt (KE3SP), Larry (NR3R), Mike (KC3BLF) and Don (N0VGA).

The next test session will be scheduled in July. Listen to the Monday Night Net for the exact date.



10 Highlights from this VOX

1. The July LVARC meeting will be held using **ZOOM AND In Person** on **Tuesday July 6** 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 which will NOT be held this year).
4. St. Luke's **Half Marathon** moves to **October 17**. **Volunteer to help!**
5. FEMA iOS and Android app.
6. Practice hybrid exercise using ZOOM.
7. Send your 2021 FD experience to be included in the VOX.
8. ARES is active.
9. Dates to remember.
10. ICS? NIMS?