



The Vox



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Webmaster: [John Borchers](#), W3AMD
Webmaster: [Igor Kasriel](#), KC3ASC

President's Message

"I am pleased to announce that the speaker for the March meeting of the LVARC will be Scott Lindenmuth. Scott is the director of the Lehigh County Emergency Management Agency. On March 6 Scott will provide a presentation and discussion to our club members about Lehigh County EMA, some of the various missions and how Amateur Radio is used to support those missions. It has been some time since we were used for shelter operations, and many of our members have experienced a deployment since the last time we were needed. This should be an interesting and educational presentation. I am looking for a nice turnout of members and a warm welcome for Scott. The LVARC has a long and close relationship with the Lehigh County Emergency Management Agency. As most members know, Lehigh County owns and maintains the 146.94 repeater system with support from Service Electric and Jeff and Chris Kelly. I hope to see you on March 6.



Thanks & 73!

John, AB3LZ

News

Could ham radio save us all?



(NBC News) — Hawaii's recent false nuclear missile alert showed us how reliant we are on cell phones and modern technology--and how unprepared we are if they become inaccessible. But in case the unexpected happens, an unlikely group of hobbyists--ham radio operators--are standing at the ready and may save us all.



YouTube link courtesy of Jeff Kelly, N3MFT and Rodney Wolfe Jr., N3XG

News

Help Lessen the Impact of the Next Disaster

There's no predicting when the Lehigh Valley will see the kind of damaging floods it saw in 2006, or the punishing winds that Superstorm Sandy brought in 2012, but being prepared requires planning now—and your help is needed.

The first public meeting to help update the Regional Hazard Mitigation Plan is scheduled for 7 p.m. February 20, at Pinebrook Family Answers, 402 N. Fulton St., Allentown.

“We want people to tell us about the experiences they’ve had during these times of emergency,” said Lehigh Valley Planning Commission Environmental Planning Director Geoff Reese, who is project manager for the Hazard Mitigation Plan update. “What do they think we need to know to do this plan right?”

Click the LVPC Logo below to see the full story.



Link courtesy of Chuck Ballard, WB6CDY

Ham Radio in Hanover Township

"Hanover Township was a great place to grow up," said my son to me. He is now grown and has a family of his own. Unfortunately, they do not live in the area.

The township offers activities, great parks, wonderful neighborhoods, great commercial areas and more. I was reminded of this as I sat waiting for the Hanover Township Fall 5K to start on November 5, 2017.

I watched as dogs ran into the dog pen, children ran around the open areas and played on the playground equipment, and people walked their pets and pushed baby carriages. What a wonderful sight. Hanover Township is truly a piece of twenty-first century Americana!

I was not running in the 5K, but I was there to provide a service to the event and for the township. I was part of a group who are not readily noticeable to the casual runner, but like the Hanover Township EMS and fire services and fire police, we were there as, "behind the scenes," personnel who provide a service to support the event. I am an amateur radio operator (ham) who uses his hobby to benefit the community. By charter, hams cannot use their hobby for pay. As a result, all community services are provided at no cost to the township. Hams volunteer their time, equipment and communications expertise strictly on a voluntary basis.

I belong to the Lehigh Valley Amateur Radio Club, and we provide communications support for community events, like the Hanover Township's Spring and Fall 5K events. You might be surprised to know that there are several hams who live in Hanover Township.

Ham radio is a hobby that anyone can enjoy, and despite cell phone and email technology, the ranks of new amateur radio operators increase every year. Thanks to the FCC, hams can communicate locally as well as around the world. This is especially evident when a disaster occurs. We have recently all seen reports of hurricanes devastating Puerto Rico and our Southern states. Power and infrastructure were destroyed and that included cell phone use, especially in Puerto Rico. Immediate communications were established, and messages were able to go in and out of affected areas, thanks to ham radio. These messages included welfare and routine messages to family and friends as well as relaying priority and emergency messages.

Ham radio is a wonderful hobby which allows the amateur to contact foreign stations, build his own equipment, take advantage of digital technology, help his community and more. It is this community service that connects the Hanover Township 5K's to amateur radio. For each township 5K, the LVARC spreads ham operators around the course to make sure the safety of the runners is maintained.

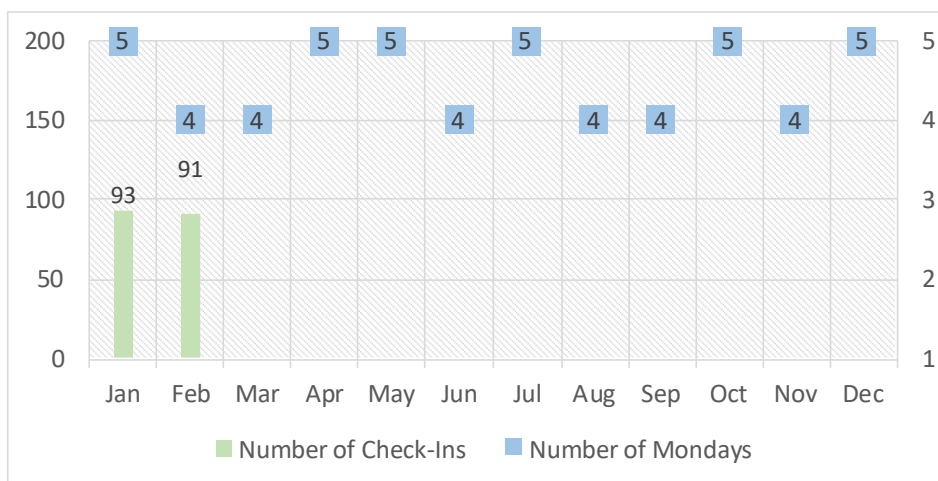
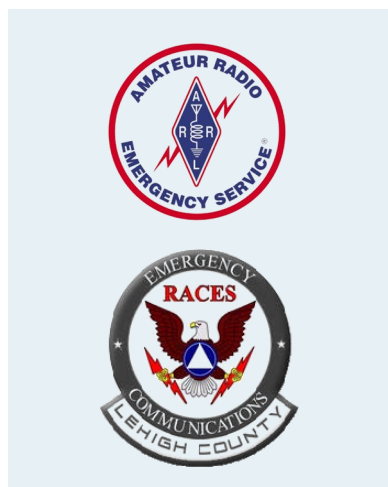
Amateur radio does require a license, and monthly test sessions are provided to those want to test at the Hanover Elementary School. Thanks to the BASD and Tim Lynch, principal of the school, for allowing us to use the library for our monthly test sessions.

Also, a big thanks to Rob Cepin, Hanover Township Recreation Director, for allowing the Lehigh Valley Amateur Radio Club to provide communications support for township events.

To learn more about amateur radio, you may visit the LVARC website at w3i.org or ARRL.org, or you may contact Mark Miller at AK3M@rcn.com.

Article courtesy of Mark Miller, AK3M

Monday Night Traffic Net



On Monday nights at 7:30pm the club has a different kind of 'meeting' on the air called a traffic net. Members and non-members can check in and hone their emergency traffic handling skills as part of the net. The net takes place on the primary repeater used by the club on 146.94 Mhz. Messages, bulletins and traffic are handled by the net control station. Tune in for announcements of upcoming meetings and club events.



Check-Ins Every Monday Night
LC/LVARC/RACES Net on
146.94 (PL 71.9)

Alternate frequency on
147.735/147.135 (DCS 315)

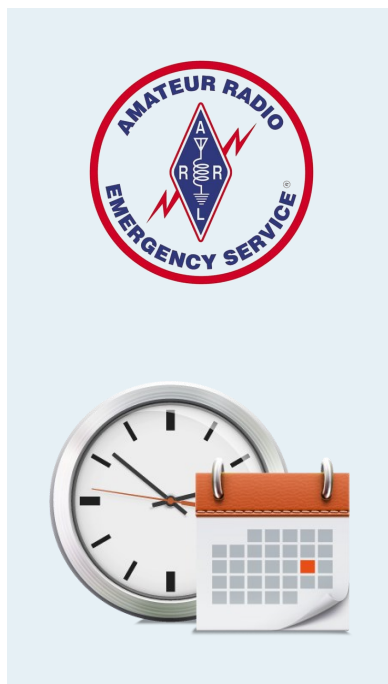
The Net begins at 7:30 p.m. ET

LVARC Repeaters
146.34 / 146.94 (PL 71.9)
147.735/147.135 (DCS - 315)
Club Simplex Frequency - 147.420

2018 Monday Night Check-In Summary

Month	Count	Days
January	93	5
February	91	4
March		4
April		5
May		5
June		4
July		5
August		4
September		4
October		5
November		4
December		5

ARES Event Schedule



2018 ARES Events			
Location	Time	Date	✓
St. Luke's/Lehigh Valley Road Runner's Half Marathon	TBD	Sunday, April 22 rd	✓
Hanover Township Spring 5K	TBD	Saturday, June, 2 nd	✓
VIA Marathon	TBD	Sunday, September 9 th	✓
Women's 5K Classic	TBD	Saturday, October 6 th	✓
D&L Rail Trail Half Marathon	TBD	Sunday, November 4 th	✓
Penn State "Thon" 5K Hanover Township	TBD	Sunday, November 4 th	✓

"Its not too early to mark your calendar for thesis events. Listen to the Monday Night Net and read the VOX for details of these events. The LVARC has a strong ARES program because of you! Lets keep it going. If you have never volunteered to offer communications support for a community event, 2018 is your year to start. Your help is needed." Mark, AK3M

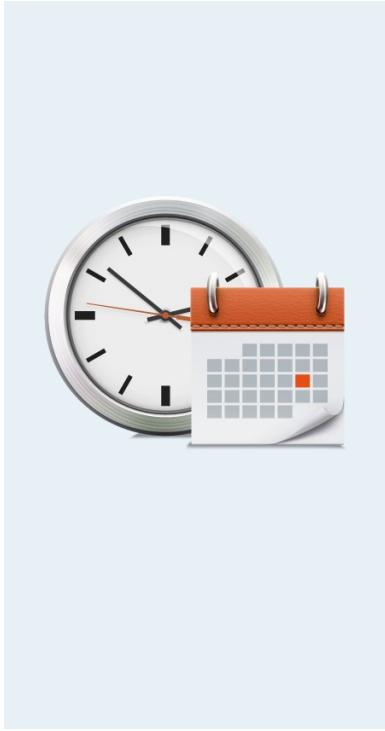
Contact Mark (AK3M) if you have any questions or want to volunteer for one or all of these events at AK3M@rcn.com.

ARES Report



There are six events in 2018, the first event is St. Luke's/Lehigh Valley Road Runner's Half Marathon on Sunday, April 22nd.

LVARC VE Schedule



2018 LVARC Test Sessions			
Location	Time	Date	✓
Hanover Elementary School	6:30 p.m.	Friday, January 19 th	✓
Hanover Elementary School	6:30 p.m.	Friday, February 16 th	✓
Hanover Elementary School	6:30 p.m.	Friday, March 16 th	✓
Hanover Elementary School	6:30 p.m.	Friday, April 20 st	✓
Hanover Elementary School	6:30 p.m.	Friday, May 18 th	✓
LVARC Field Day site	2:00 - 4:00 p.m.	Saturday, June 23 rd	✓
Summer Break		No Test Session	✓
Summer Break		No Test Session	✓
Hanover Elementary School	6:30 p.m.	Friday, September 21 st	✓
Hanover Elementary School	6:30 p.m.	Friday, October 19 th	✓
Hanover Elementary School	6:30 p.m.	Friday, November 16 th	✓
Hanover Elementary School	6:30 p.m.	Friday, December 21 st	✓

"At the November 17, 2017 test session, two tested and two passed." Mark, AK3M

LVARC VE Report

Planning to take the Technician license exam BEFORE July 1, 2018? Choose the CURRENT pool.



Volunteer Examiners

Date: The next VE test session will be on Friday, March 16, 2018

Location: Hanover Elementary School at 6:30 pm.

Registration: Contact Mark (AK3M) at AK3M@rcn.com.

Report: Enrollment: The deadline to register is Sunday, March 11, 2018.

Those who tested at the January 19, 2018 test session received their calls on Wednesday January 24, 2018.



Name	Call	Class
Craig A Bianchini	KC3KQU	General
Matthew Peters	KC3KQV	Technician
Charlie Mohr	KC3KQW	Technician
Richard (Rick) Reynolds	KC3KQX	Technician

Club Station

W3OI
Amateur Radio



Club Station News

“ The Dstar “C” module (2 meter) is back on the air. Connectivity with the computer is also functioning correctly. The problem was mistuned duplexers, which was corrected by Tu Way.”

Club Schedule Update

The club station will be open:

Tuesday, March 20th at 7:30 pm

Communications



Reminder

Beginning January 2018 The Vox will be published on the last Tuesday of the month, one week before the next meeting.

BOG thoughts for the change:

1. It's publication would serve as a reminder of the upcoming meeting.
2. At meetings we ask for corrections and comments on the meeting minutes published in the VOX, The meeting minutes would be fresher in members mind.
3. It allows more time to add items that may be discussed at the next meeting.
4. It gives contributors more time after meeting to supply content.

John, WB3DX

LVARC Meeting and Club Station Schedule



LVARC Meeting and Club Station Schedule for 2018





march 2018

sunday	monday	tuesday	wednesday	thursday	friday	saturday
				1	2	3
4	5 ARES/RACES Net 7:30 pm	6 LVARC Meeting 7:30 pm	7 District 2 RACES Net 7:30 pm 147.255	8	9	10
11 Deadline to Schedule VE Test	12 ARES/RACES Net 7:30 pm	13	14 District 2 RACES Net 7:30 pm 147.255	15	16 VE Test Session Hanover Elem. School 6:30 pm	17
18	19 ARES/RACES Net 7:30 pm	20 Club Station 7:30 pm	21 District 2 RACES Net 7:30 pm 147.255	22	23	24
25	26 ARES/RACES Net 7:30 pm	27	28 District 2 RACES Net 7:30 pm 147.255	29	30	31

notes

- There are no scheduled hands-on nights for 2018. However, the club station will be open for selected third Tuesday nights.
- The February presentation will be
- The club station will be open on Tuesday, February 20th at 7:30 pm.

LVARC February 2018 Minutes



Tri-Clover Fire Company, Orefield, PA

2/6/2018

Opening:

The regular meeting of the Lehigh Valley Amateur Radio Club was called to order at 7:30PM on Feb 6 by President Bartos.

There were a total of 22 members in attendance, and the club was joined by 4 guests.

Guests: John, KC3KVD, Steve KC3KPH, Regina N2RNA and husband Chip

The following Board Members were present at the meeting: John Bartos, Rick Pearce, Mark Miller, Phil Biggs, Mike Mandell

Approval of Minutes

The minutes of the previous meeting were unanimously approved as distributed.

Moved: Don, N0VGA

Second: Andy, KC3EKA

Treasurer's Report (Brian-KB3QHA)

Treasurer's report was read.

Motion to approve: Rick, KC3EXO

Second: Mark, AK3M

Motion carried

Committee Reports

Repeater:

Rod reported he met with Jeff and Chris Kelly about getting TuWay to look at the cavity filters.

Program:

Tonight's program is impedance matching by John, AB3LZ. We need topics for the next couple meetings.

Ares:

The first 2018 ARES event will be April 22nd, the St. Luke's/LV Roadrunners half marathon. Volunteers needed, contact Mark, AK3M

Volunteer Examiners:

VE Session of Jan 19 had 5 test and all passed. Craig KC3KQU General, Matthew CK3KQV, Tech, Charlie CC3KQW Tech, Rick, KC3KQX, Tech, Karl KC3DJY, Extra. Next session will be Feb 23, slight schedule change due to school and President's Day.

Communications:

The Vox is coming out closer to the meeting date.

Club Station:

No real changes in the station. We received the title for the trailer, and Rod N3XG received proposals for designs for the exterior of the trailer. There are a few opportunities to use the trailer to promote the club.

Old Business:

None

New Business:

John mentioned some of the controversies going on with ARRL. Website myarrlvoice.org tells some of the details.



Rod mentioned WT Jones is retiring as Section Emergency Coordinator and LVARC should recognize him somewhere. Karl, AA3IX suggested a downloadable membership card on the website. We will approach John Hildenbrand.

Good of the Order:

Jim, KC3AFU suggested a meeting on regular GPS. Andy talked about HF interference caused by jamming in Africa. The Olde Country Buffet event will be in two weeks.

Karl, AA3IX brought in a box of cables for anyone who would like them.

Sick Report:

Dr. Early passed away in December. He was a member for a long time, but not active in the past couple years.

New Member Applicants:

John Weaver, N3PFA, Steve, KC3KPH

Motion to accept: Karl, AA3IX

Second: Rod, N3XG

Carried

Adjournment:

Meeting was adjourned at 8:23PM

Moved: Rod, N3XG

Seconded: Dave, W3AMC

Carried

Minutes submitted by: Mike, KC3BLF

[Click to search for ARRL Hamfests and Conventions](#)



LVARC Classified



$$f = \frac{1}{2\pi\sqrt{LC}} \quad \lambda = \frac{c}{f} \quad f = \frac{1}{2\pi\sqrt{LC}} \quad \lambda = \frac{c}{f} \quad f = \frac{1}{2\pi\sqrt{LC}}$$

Do you have any equipment for sale?

Submit your ad to John, WB3DX

radio.WB3DX@gmail.com

$$f = \frac{1}{2\pi\sqrt{LC}} \quad \lambda = \frac{c}{f} \quad f = \frac{1}{2\pi\sqrt{LC}} \quad \lambda = \frac{c}{f} \quad f = \frac{1}{2\pi\sqrt{LC}}$$