



# The Vox



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## Officers

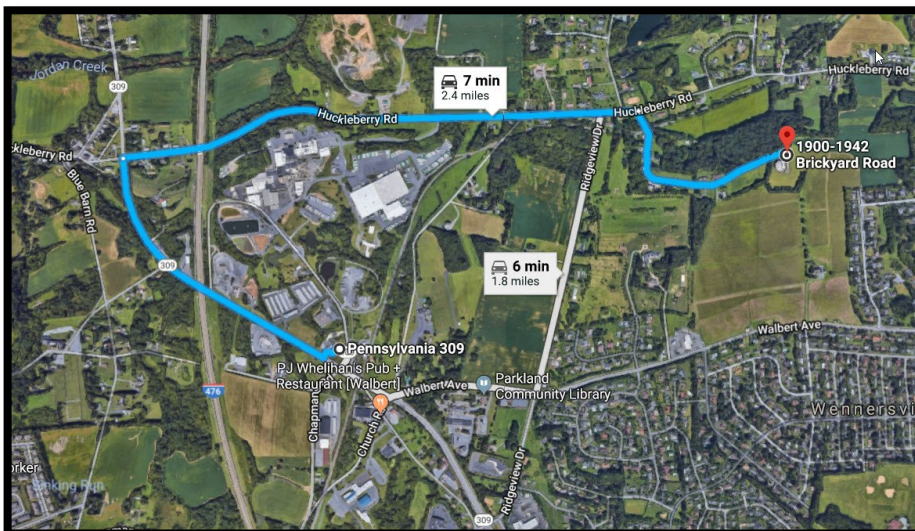
President: [John Bartos](#), AB3LZ  
Vice President: [Chuck Ballard](#), WB6CDY  
Secretary: [Mike Mandell](#), KC3BLF  
Treasurer: [Brian Snyder](#), KB3QHA

## Board of Governors

[Mark S Miller](#), AK3M  
[Rick Pearce](#), KC3EXO  
[David Jenkins](#), KC3BFO  
[Paul F Ryan](#), NOKIA  
[Phillip W Bigg](#), KB3HMK

## Communications

VOX Editor: [John Hilderbrand](#), WB3DX  
Webmaster: [John Borchers](#), W3AMD  
Webmaster: [Igor Kasriel](#), KC3ASC



## 2018 LVARC ARRL Field Day is June 23-24

Directions from Allentown:

1. Route 309 North to Huckleberry Road
2. Right on Huckleberry Rd to Brickyard Road
3. Drive to the end of Brickyard Road

*Please remember that the railroad tracks are active and unguarded, so Stop, Look, and Listen.*

*Also, observe the speed limit on Brickyard Road. The houses on that road are occupied and just experience the most traffic on Field Day. We want to be good temporary neighbors.*

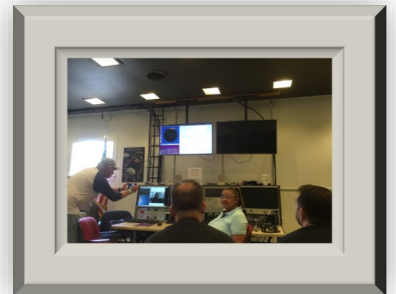
## News

### Visit to the InfoAge Science History Learning Center



On Sunday, May 19th I attended Vintage Computer Festival East with my friend Steve KB3UZD, on the grounds of the former Camp Evans, in Wall, NJ. This site was previously the Marconi Belmar trans-Atlantic radio station. The site is now home to the Information Age science and technology museum (infoage.org), with many exhibitions operated by separate groups, including

a vintage radio exhibit, a shipwreck exhibit, a hands-on computer history exhibit, a military vehicle exhibit, and more. There are spaces on the grounds for the local ham club, vintage computer club, and hacker/maker space. During VCF, there are talks, kit building, sales tables, and two large halls of people exhibiting a wide variety of vintage computers. As an example, I personally used two Apple Lisa machines, which I had never seen in person before. Of particular interest to the Ham community is the nearby Project Diana site, where the first Earth Moon Earth communication took place. In commemoration of that feat, we used their enormous satellite ground station to do some EME communication.



*Matthew Kriebel, KB3UZE*



## News

### A Hidden Resource - The DEKA Battery Store

For hams in need of deep cycle batteries to back up their rigs, solar power users, to someone who just needs a new battery for their car, the DEKA Battery Store in Fleetwood is a hidden gem. The factory store is part of the East Penn Manufacturing complex that you may have seen while driving in the area.



The company has a long history. East Penn began as a dream of the Breidegam family. In 1946, DeLight Jr., a young Air Force veteran, started a battery business with his father, DeLight Sr. The location of their business was a small, one-room creamery in the village of Bowers, PA.

Wartime made for scarce battery materials, but there was big demand for rebuilt batteries so returning GIs could get their vehicles running again. DeLight and his father filled that need by collecting old batteries and rebuilding them to new.

East Penn has grown from a one-room shop with a product line of five automotive batteries to one of the world's leading battery manufacturers with over 8,000 employees, 450 product designs, and hundreds of awards for manufacturing and environmental excellence. They manufacture batteries under the Deka brand and many other brand names for retailers.

The store is located at 102 Deka Rd, Fleetwood, PA 19522. Set your GPS for this address and you will be led right to it. Deka Rd intersects Fleetwood-Lyons Road at the edge of the East Penn Manufacturing Plant site. If you follow Deka Rd into the plant site, there is a guard shack that is manned off and on. If stopped, just say you are going to the factory store and you will be waved through.

Watch out for the speed bumps upon entering the site. The factory store is in an unassuming brick building with a white garage door on its lower left side just near the crest of a small hill on Deka Road, to the right. There is a small parking lot in front of the building and a set of stairs leading into the store. The store is open weekdays until 5.

The store itself looks like the business end of a battery warehouse. There are stacks of batteries on pallets with signs on the wall behind the pallets advertising the sales price. There are shelves with different types of sealed lead-acid 6 and 12 volt small batteries like those used in UPS units and in some go-kit power supplies.

What you see is only a portion of the batteries they have available. If you don't see what you are looking for, ask at the desk and store employees will help you out and give expert advice. Be aware that the factory store sells both prime batteries, and cosmetic seconds. The seconds are cheaper and generally just as good for most purposes. You can also recycle your used lead-acid batteries at the store.

Examples: A new battery for my car cost \$75 for a second and \$125 for a first. There is a \$5 charge for installation. A deep-cycle marine 27H battery was \$105 with tax.

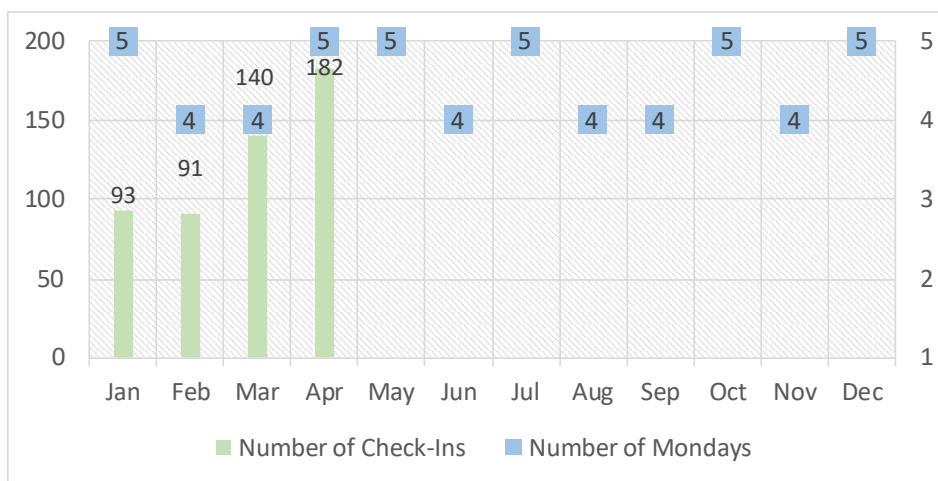
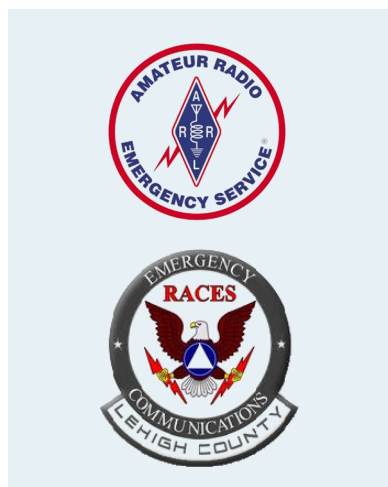
In addition to batteries, there is a large assortment of wire, battery cables and clamps, tools and other accessories used with batteries. There was a closeout of 8 ga. booster cables with copper wire for \$20 when I was there.

All in all, the Deka Factory Store is a good resource in the Lehigh Valley area for people looking for factory-fresh batteries for their cars and projects.

Chuck Ballard, W3CDY

(Some historical material abstracted from the East Penn Manufacturing website)

## 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

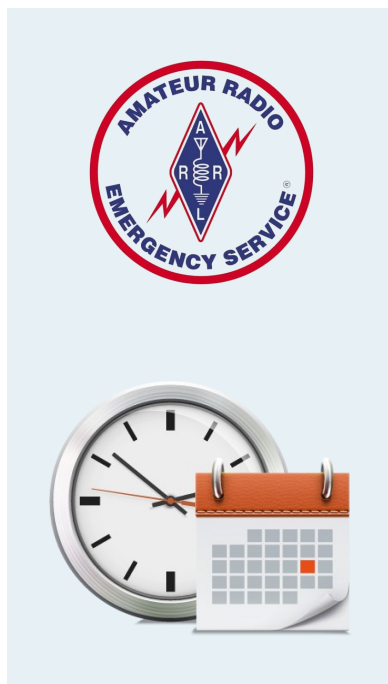
LVARC Repeaters  
146.34 / 146.94 (PL 71.9)  
147.735/147.135 (DCS - 315)  
Club Simplex Frequency - 147.420

### 2018 Monday Night Check-In Summary

Month	Count	Days
January	93	5
February	91	4
March	140	4
April	182	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 <sup>rd</sup>	✓
Hanover Township Spring 5K	TBD	Saturday, June, 2 <sup>nd</sup>	✓
VIA Marathon	TBD	Sunday, September 9 <sup>th</sup>	✓
Women's 5K Classic	TBD	Saturday, October 6 <sup>th</sup>	✓
D&L Rail Trail Half Marathon	TBD	Sunday, November 4 <sup>th</sup>	✓
Penn State "Thon" 5K Hanover Township	TBD	Sunday, November 4 <sup>th</sup>	✓

*"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*

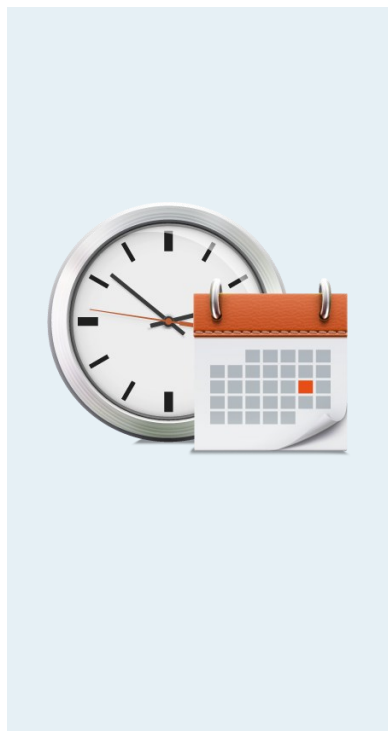
*Contact Mark, AK3M if you have any questions or want to volunteer for one or all of these events at [AK3M@rcn.com](mailto:AK3M@rcn.com).*

## ARES Report



We had 18 LVARC members volunteer for the St. Luke's Half Marathon. The next event is the Hanover Township 5k on June 2 and about 9 operators are needed.

## LVARC VE Schedule



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

### New Technician Class License


*The current Technician question pool (Element 2) will expire on June 30, 2018. The new question pool for the Technician class will take effect on July 1, 2018. When studying for the Technician class, be sure you are looking at the correct question pool.*

## LVARC VE Report



### Volunteer Examiners

Date: The next VE test session will be on Friday, June 15, 2018  
 Location: Hanover Elementary School at 6:30 pm.  
 Registration: Contact Mark (AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com).  
 Enrollment: The deadline to register is Sunday, May 13, 2018

Name	Call	Class	
D C Hawk	KC3LHV	Technician	

### Report:

On March 16 we had one no-show and one passed to Extra from General, Craig, N4CAB

## Club Station

**W3OI**  
**Amateur Radio**



## Club Station News

All the current activity on the station involves the trailer. All the old decals were removed, and the trailer was pressure washed today. We have a full wrap graphic design that is underway. Steve is giving us all the work on this at actual cost. The trailer improvements were funded with donations from Paul, NOKIA and Dave, KC3BFO who also donated an Icom ID5100 for use in the trailer.

## 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



# june 2018

sunday	monday	tuesday	wednesday	thursday	friday	saturday
					1	2
3	4 ARES/RACES Net 7:30 pm	5 LVARC Meeting 7:30 pm	6 District 2 RACES Net 7:30 pm 147.255	7	8	9
10 Deadline to Schedule VE Test	11 ARES/RACES Net 7:30 pm	12	13 District 2 RACES Net 7:30 pm 147.255	14	15 VE Test Session LVARC Field Day site	16
17	18 ARES/RACES Net 7:30 pm	19 Club Station 7:30 pm	20 District 2 RACES Net 7:30 pm 147.255	21	22	23 VE Test Session LVARC Field Day site 2:00 - 4:00 p.m.
24	25 ARES/RACES Net 7:30 pm	26	27 District 2 RACES Net 7:30 pm 147.255	28	29	30

notes

ARRL Field Day is the most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June, more than 35,000 radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.



## LVARC May 2018 Minutes



### Tri-Clover Fire Company, Orefield, PA

5/1/2018

#### Opening:

The regular meeting of the Lehigh Valley Amateur Radio Club was called to order at 7:30PM on May 1 by President Bartos.

There were a total of 27 members in attendance, and the club was joined by 2 guests.

Guests: Rex, KC1WE, DC, KC3LHV

The following Board Members were present at the meeting: John Bartos, Chuck Ballard, Paul Ryan, Mark Miller, Dave Jenkins, Phil Biggs, Rick Pearce, Mike Mandell

#### Approval of Minutes

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

Moved: Chuck, W3CDY

Second: Walt, KE3SP

Carried

#### Treasurer's Report (Brian-KB3QHA)

The treasurer's report was read by John, AB3LZ.

Motion to approve: Rod, N3XG

Second: Chuck, W3CDY

Motion carried

#### Committee Reports

Repeater:

Rod passed on to Chris, N3RPV that there appears to be a voter issue on the 94 repeater. The new repeater relocation into the block building is underway and Rod has seen pictures of the progress.

Program:

Rod is doing RF direction finding tonight. Next month is Field Day prep, then next month will be Red Cross. Since the Skype presentation went so well, we plan to have more of these in the future.

Ares:

We had 18 LVARC members volunteer for the St. Luke's Half Marathon. The next event is the Hanover Township 5k on June 2 and about 9 operators are needed.

Volunteer Examiners:

On April 20th DC Hawk KC3LHV, passed his technician exam. The next session will be Friday May 18 and is the last at Hanover School for the summer.

Communications:

Some concerns were raised over the past month regarding the club website. John, AB3LZ is compiling a list of issues. Chuck W3CDY asked for experienced web people to help with keeping the website updated.

Club Station:

All the current activity on the station involves the trailer. All the old decals were removed, and the trailer was pressure washed today. We have a full wrap graphic design that is underway. Steve is giving us all the work on this at actual cost. The trailer improvements were funded with donations from Paul, NOKIA and Dave, KC3BFO who also donated an Icom ID5100 for use in the trailer.

#### Old Business:



None

### **New Business:**

The pavilion at Upper Macungie park is reserved for July 14 for the club picnic. The annual participation drawing was voted to be terminated by the Board of Governors. The general consensus of members present is we will have snacks at regular meetings in the future provided by members on a sign-up, rotating basis. EPA EMS is letting us use the inflatable tent and a large generator for Field Day.

### **Good of the Order:**

Rod, N3XG mentioned that a UHF repeater in Palmerton picked up a bike race from North Carolina due to ducting. Matthew, KB3UZE has an old net log book from the 1960s to the 90s from K3NNY.

### **Sick Report:**

**None.**

### **New Member Applicants:**

DC Hawk, KC3LHV

Motion to accept: Chuck, W3CDY

Second: Mark, AK3M

Carried

### **Adjournment:**

Meeting was adjourned at 8:11PM

Moved: Chuck, W3CDY

Seconded: Rod, N3XG

Carried

Minutes submitted by: Mike, KC3BLF

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



## LVARC Classified



Submit ads to John, WB3DX

[radio.WB3DX@gmail.com](mailto:radio.WB3DX@gmail.com)

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### For Sale

1. Alinco VHF 6m Transceiver, model DR-06T. Microphone, original box and owner's manual. Excellent condition. Asking \$200
2. Ten-Tec 25W power supply, model 941. Excellent condition. Asking \$100, or \$275 for the pair.

**Contact: Kenny Bass, KC3BLE at 610-776-0717**

### For Sale

All items were used two or three times and were stored in a marine dry box when not in use. Can not find original boxes. Need to downsize. All items in factory working condition.

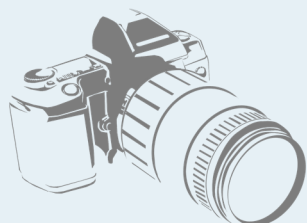
1. Mirage B34-G amplifier. Perfect to bump up 5 watt VHF to 35 watts. \$125
2. MFJ 4125 Mighty Lite 25A power supply. \$75
3. MFJ 902 Travel Tuner. \$75
4. Tokyo Hi-Power HL50B HF amplifier. Turn 5 Watts into 50 Watts. This amp is the very hard to find and sought after amp and is a perfect item for the Yaesu FT817/ND. \$325

**Contact: Larry Miller at [nr3r@ptd.net](mailto:nr3r@ptd.net)**

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



## LVARC Club Photos



### Visit to the InfoAge Science History Learning Center



*Photo courtesy of Matthew Kriebel, KB3UZE*