



# The VOX

The Official *On-Line*  
Newsletter of the



**Lehigh Valley Amateur Radio Club - W3OI / KB3SYV**  
**Allentown, Pennsylvania (Lehigh County) - USA**



## Officers

President: **Rod Wolfe, Jr. - N3XG** (n3xg.radio@gmail.com)

Vice President: **Brian Klock - KW3K** (KW3K@kw3k.com)

Secretary: **John Bartos - AB3LZ** (jab.2@rcn.com)

Treasurer: **Brian Snyder - KB3QHA** (brian@teamsnyder.net)



## Board of Governors

**Myles Bodisch - KB3ZMA** (myles@holencik.com)

**Gary Decker - W3GRD** (SCOUTIH79@YAHOO.COM)

**Robin Gable - KB3GZV** (cardinalcreek4852@gmail.com)

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**Paul Ryan - N0KIA** (paul.f.ryan@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 (PL 167.9)  
447.775 (PL 71.9)  
Club Simplex Freq. - 147.420

### LVARC/RACES/ARES Net

Every Monday at 7:30 (ET)  
146.940 (PL 71.9)

### D-Star










W3OI Dstar repeaters are now on W3OI at  
147.165, W3EPE at 445.225 and W3OK at  
145.110

To register for the Gateway or need information  
on setting up the radio, please visit  
<https://24.229.28.14/Dstar.do>

W3OI Home Page: <http://www.w3oi.org>

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**Fall Back One Hour**      November 2nd, 2014 at 2:00 am



## LVARC TEST SESSIONS



The LVARC test sessions resume the third Friday of every month. See page 9 for specific dates. **REGISTRATION IS REQUIRED** no later than the Sunday before the test session.



Test sessions are held at the Hanover Elementary School in Bethlehem, PA (3890 Jacksonville Rd, Bethlehem, PA 18017) beginning at 6:30 pm.

Newsletter submissions can be sent to Mark  
(AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com)  
Your submissions can be text and/or graphics.



The November, 2014 LVARC meeting will be held on **November 4, 2014** at the Tri-Clover Fire Company at 7:30.

## LVARC / RACES NET

Don't forget to check into the Monday Night  
LC/LVARC/RACES Net on 146.94 (PL 71.9) with an  
alternate frequency of 147.735/147.135 (PL 167.9)  
The Net begins at 7:30 pm local time (ET).

*Many club announcements  
will be heard there !*

### Monday Night RACES/ARES Check-In Summary - 2014

<u>Month</u>	<u>Number of Check-In's</u>	<u>Number of Nets/Mondays</u>
January	131	4
February	128	4
March	162	5
April	121	4
May	96	3 (Memorial Day)
June	157	5
July	134	4
August	120	4
September	169	5



### Famous Radio Shacks

Do you know this  
famous radio shack?

(Answer on page 8)



**GBTT**

# Minutes of the October, 2014 LVARC Meeting

de - John (AB3LZ)



(Minutes cont. on page 5)




(Minutes cont. from page 4)

**\$\$\$ W3OI Finances \$\$\$**

**Balance ending September, 2014 - \$4,391.44**



# *This Month In Ham Radio*

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<b>November</b>						1 Ukrainian DX Contest 1200Z.  Turn clocks back 1 hr
2  <b>D&amp;L Rail Trail Half Marathon</b>	3 <b>ARES RACES</b> Net 7:30 <b>Matt KB3UZE</b>	4 <b>LVARC Meeting Tri-Clover 7:30</b>	5 <b>Dist. 2 RACES</b> Net - 7:30 147.255	6	7	8 JIDX Phone Contest
9	10 <b>ARES RACES</b> Net 7:30 <b>Robin KB3GZV</b>	11	12 <b>Dist. 2 RACES</b> Net - 7:30 147.255	13	14	15 All Austrian 160-Meter Contest ARRL Sweepstakes Contest, SSB
16 Deadline to schedule test	17 <b>ARES RACES</b> Net 7:30 <b>Dorian KB3GZW</b>	18 <b>LVARC Activity Night Tri-Clover</b>	19 <b>Dist. 2 RACES</b> Net - 7:30 147.255	20	21 <b>LVARC Test Session 6:30 pm</b>	22 LZ DX Contest
23	24 <b>ARES RACES</b> Net 7:30 <b>Jeff N3MFT</b>	25	26 <b>Dist. 2 RACES</b> Net - 7:30 147.255	27  <b>TNXGiving Day</b>	28	29
30	<b>2014</b>					

**LVARC meeting - Tuesday November 4 (7:30 pm) - Tri - Clover FC**

**LVARC Test Session -- Friday November 21 (6:30 pm)**

## LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



**Sunday November 2 --- LD&L Rail Trail 1/2 Marathon**

**Monday November 3 --- LC RACES/ARES Net**

**Tuesday November 4 --- LVARC Meeting (7:30 - Tri Clover FC)**

**Monday November 10 --- LC RACES/ARES Net - 7:30 pm (146.94)**

**Sunday November 16 --- Deadline to schedule for test session**

**Monday November 17 --- LC RACES/ARES Net - 7:30 pm (146.94)**

**Tuesday November 18 --- LVARC Activity Night (7:30 - Tri Clover FC)**

**Friday November 21 --- Test session - 6:30 pm - Hanover Elem. School**

**Monday November 24 --- LC RACES/ARES Net - 7:30 pm (146.94)**

2014

There may be additions and deletions to the above dates. Listen to the Monday Night Net, the newsletter and announcements at meetings for changes.

### LVARC VE Report

de Mark (AK3M)

Three tested at the September 19,  
2014 test session and two passed.

**CONGRATULATIONS** to:  
Kenny Bass (KC3BLE) - General  
Joseph Reynick (KC3DKU) - Extra

LVARC  
VE  
Program



VE's present included Mark (AK3M), Walt (KE3SP) and Frank (W3FTU)

**REMEMBER:** The LVARC offers amateur radio testing. If you want to obtain your entry level license or if you wish to upgrade, the LVARC can help.

Test sessions are given the 3rd Friday of each month (see page 9 for specific dates. **REGISTRATION IS REQUIRED!!!** To schedule a test or for more information, contact Mark (AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com) or call **610-865-9183**.



Have an article, diagram or an opinion you would like to share with the LVARC members in this newsletter? Send it to Mark (AK3M). You can submit VOX material in any form. Send it via email ([AK3M@rcn.com](mailto:AK3M@rcn.com)) or US mail (5508 Hale Ave - Bethlehem, PA 18017). You can send pictures, diagrams or text. **The newsletter needs YOUR material to continue!**



**D&L Rail Trail Half Marathon  
Nov.2, 2014**

**LVARC Sponsored  
ARES Events**



## Famous Radio Shacks

Answer (from page 3)

## The Queen Mary

The call sign of the great British ocean liner RMS Queen Mary was GBTT, and wonderful information is available about the liner's wireless installation. Additional technical information was also compiled by Geoff Dyson, who served as Radio Officer aboard Queen Mary. The Queen Mary has is now permanently berthed at Long Beach, California, where it is the home of radio station W6RO.



**GBTT**

Source: <http://www.dx-qsl.com/famous-ham-radio-operators.html>



**LVARC 2014 Test Session Dates** --- Test sessions are held at the Hanover Elementary School (3890 Jacksonville Road ) in Bethlehem, Pa., the 3rd Friday of the month at 6:30 pm. **REGISTRATION IS NECESSARY.** Contact Mark (AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com).

**October** --- October 17  
**November** --- November 21  
**December** --- December 19



## Volunteers Needed!

**There are still three ARES events left in 2014.**  
Your help is needed! Contact:

- (1) **Women's 5K Classic** --- Mark ([AK3M@rcn.com](mailto:AK3M@rcn.com)).
- (2) **D&L Rail Trail Half Marathon** --- Brian ([KW3K@kw3k.com](mailto:KW3K@kw3k.com))
- (3) **Hanover Township Fall 5K** --- Mark ([AK3M@rcn.com](mailto:AK3M@rcn.com))

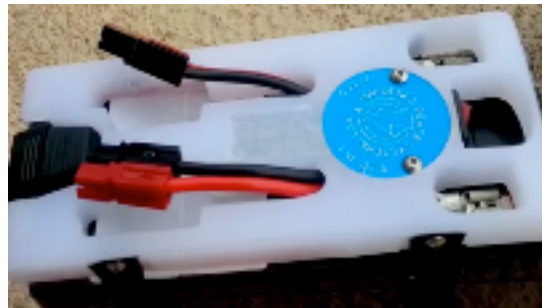
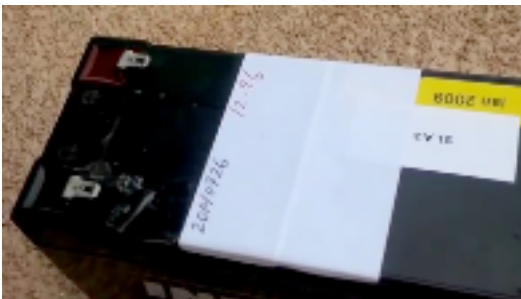
## Ham radio ideas from the internet

de Larry (NR3R)

- (1) **Radio / HT Pouch** (right)  
<http://youtu.be/y0UhKOQxpU>



- (2) **Lead acid battery connector(s)** (below)  
<http://youtu.be/CLM0gpEtQaA>



*"If a fellow isn't thankful for what he's got, he isn't likely to be thankful for what he's going to get." --- Frank A. Clark*

Women's  
5K Classic

**Don't Wait  
Volunteer now!**



The **Women's 5K Classic** is yet to be staffed with LVARC communications operators! The **Women's 5K Classic** will be held on **Saturday October 18, 2014**.

Many volunteers are needed for this very worthy fund raiser. This event is the largest Breast Cancer fundraiser on the East coast! They need your help.

Please check your calendar and volunteer! To volunteer your expertise and time, for one or both of these events, contact Mark (AK3M) at [AK3M@rcn.com](mailto:AK3M@rcn.com). **NOTE: The 146.94 and/or 147.135 repeaters will be used for this event that morning.**

## A joint emergency preparedness day will be hosted at St. Luke's Medical Center in Allentown Sept. 20 (2014) (source- The Morning Call)

<http://touch.mcall.com/#section/-1/article/p2p-81281546/>



On a beautiful Summer day (Fall started the 23rd), the LVARC took part in the Emergency Preparedness Day "Expo." The LVARC set up their tent, displayed their banner and joined the festivities. The LVARC had VHF, UHF, HF SSB and PSK running for all to see and hear. Pens, pocket calendars and

ARRL brochures were available for the taking. The display was manned by **Paul** (N0KIA), **Myles** (KB3ZMA), **Scott** (KB3YOT) and **Mark** (AK3M). Rod (N3XG), was part of the day's event too but was set up with St. Luke's beside the LVARC exhibit. More than 4,000 visited the, "expo."

The on line SkyWarn training is at: [https://www.meted.ucar.edu/training\\_course.php?id=23](https://www.meted.ucar.edu/training_course.php?id=23)

**Suggestion:** You *MAY* want an amber flashing light for your vehicle for an ARES event or for just a warning light in an emergency.

This from **All Electronics**.  
Item number: **CAT# FSH-20A**

#### 4" DIAMETER AMBER FLASHER



<http://www.allelectronics.com/make-a-store/item/fsh-20a/4-diameter-amber-flasher/1.html>



**Suggestion:** Harbor Freight in Allentown, has reflective vests (for ARES events). From \$4.49 - \$7.49. (Please note, these vests have **no** pockets or logos).

Other vests are available from the ARRL:

<http://www.arrl.org/shop/search.php?mode=search&page=1>



## SAE or metric? - de Mark (AK3M)

We all have had an occasion to use a hand tool for some project. Recently, Harbor Freight had a sale on wrenches and I picked up a set. I stood looking at the wrenches, open end on one end and ratchet on the other end, and saw metric and **SAE**. We all know what the metric measurements are and know that SAE is the US standard, but **what does SAE stand for?** Thank goodness for the internet. I found the answer and was able to sleep soundly that night. So you don't lose sleep over this, I am including the answer I found:



*"When you purchase auto tools, you may see the SAE designation printed on the package, or on the tools themselves. This abbreviation, which stands for the **Society of Automotive Engineers**, refers to standards that are adhered to by automotive manufacturers and related industries worldwide."*

[http://www.ehow.com/facts\\_5002922\\_does-sae-mean-auto-tools.html](http://www.ehow.com/facts_5002922_does-sae-mean-auto-tools.html)



***"The best and most beautiful things in the world cannot be seen or even touched - they must be felt with the heart."*** --- Helen Keller



## 2015 LVARC Nominations and Elections



**Nominations** for officers for 2015 are now open. Nominations will close at the end of November.

Election for officers for 2015, will be held at the December 2, 2014 meeting.

The current slate of candidates is:

### **Officers**

**President:** John Bartos (AB3LZ) - pending

**Vice President:** Gary Decker (W3GRD)  
Chuck Ballard (WB6CDY)  
Matthew Kriebel (KB3UZE) - pending

**Secretary:** John Bartos (AB3LZ) - pending  
Mike Mandell (KC3BLF)

**Treasurer:** Brian Snyder (KB3QHA)

### **Board of Governors (vote for 4\*)**

1. Robin Gable (KB3GZV) - not present
2. Scott Leichssenring (KB3YOT)
3. Gary Decker (W3GRD)
4. Hadrian Gable (KB3VDB)
5. Paul Ryan (N0KIA) - pending
7. Chuck Ballard (WB6CDY) - pending
8. Mark Miller (AK3M)
9. Rex Mott (KC1WE) - pending

**\*There are 5 board members but the exiting president has a seat on the board for one year.**



**Nominations for the Pres Schuler award for "Excellence In Amateur Radio / LVARC," are also being taken.**

(1) *Nominations* for officers and board will close at the November meeting. Nominations can be made at the meeting or via email to John (AB3LZ).

(2) *Nominations* for the Pres Schuler award can be made via email to John (AB3LZ) **NO LATER THAN November 28.**

(3) *Voting* for officers and board of governors can be done via U.S. mail to John (AB3LZ) but will only be opened in the event of a tie.

**Brain Teaser**



**What number spot is the car parked in?**

(Submitted by Walt (KE3SP))

(Answer in the next issue of the VOX)





## ***Freedom from Want***

The ***Four Freedoms*** is a series of four 1943 oil paintings by the American artist Norman Rockwell. The paintings are ***Freedom of Speech, Freedom of Worship, Freedom from Want, and Freedom from Fear.***



### **Have Gall, Will Call** - (A Ham Poem) ---- by David Moore (submitted by Carl (K3ATX))

"Okay on the weather, Dave, and on the setup, too.  
Weather here is overcast, and station here home-brew.  
I don't go in for factory sets, especially wired gear,  
And even from factory chassis I usually stay clear.

"I grind out my own crystals, make my own knobs, too.  
Yes, there's nothing like a station that's totally home-brew.  
The rig, homemade of course, uses 811As,  
Running 1,400 volts, we find that power pays.

"We've heard a lot of DX on the homebrew hearing aid.  
All we need is several more, and DXCC is made.  
The beam, like all the rest, is also made by hand,  
And gives us 1:1 on the 20-meter band."



And so our home-brew friend, who was manually inclined,  
Rambled on for hours on the setup he defined.

----

No longer do I hear this jolly fellow on the band.  
No longer do I hear of all the rigs he built by hand.  
It seems that said enthusiast was not a ham at all -  
It seems that said enthusiast - had signed a home-brew call!

(from Popular Electronics, August 1962)



## *Early Christmas* - de Mark (AK3M)

Christmas came early to me this year. On September 26, 2014, I bid on a Heathkit HW-32A on Ebay and won the bid! Actually, I was the only bidder but that's OK. At a meeting several months ago, I told Carl (K3ATX) that I would love to have my old rig back again.



He found one on Ebay and emailed me that one was available. The radio was reportedly in working order. I have never bid on anything on Ebay and was a bit fearful but the radio was exactly what I wanted, so I forged ahead. The radio came complete with the power supply, homebrew dummy load, original Heath external speaker, SWR meter, RU-58 cables, mobile mounting bracket 3 manuals and an original Heathkit microphone. *Way too good of a deal to pass up!*

My first rig as a novice (1968) was a Heathkit HW-16, a CW only radio which was crystal controlled. CW only and crystal controlled was the regulation at that time for Novice operators. After upgrading to General, I wanted an SSB radio and decided on the HW-32A. It was one of Heathkit's single band transceivers. They made three. One for 40m, 80m and 20m. The HW-32A is the 20 meter SSB band radio. I had many wonderful experiences on the air with that radio and it was in the days when DX was good. I wanted to re-experience those days and TNX to Carl and the former ham in Ohio, I can.

**Having a Heathkit (especially the HW-32A) back in the shack is terrific! P.S. You have to wait for tubes to heat up! If you have a similar story and/or a picture(s) of your first or favorite ham radio and would like to share it with VOX readers, please send to me at [AK3M@rcn.com](mailto:AK3M@rcn.com).**



## *Holidays and Ham Radio* - de Mark (AK3M)

Its not too early to think about the 2014 holidays. Beginning with Halloween and including Thanksgiving, Christmas and the New Year, let LVARC members know how you spent your holidays. Maybe you went on a trip and took your radio, perhaps you bought or received a new radio as a gift, etc. However you spent your holidays, share it in the VOX as I did above, by sending it to me ([AK3M@rcn.com](mailto:AK3M@rcn.com)).



*"Holidays are about experiences and people, and tuning into what you feel like doing at that moment. Enjoy not having to look at a watch." ---- Evelyn Glennie*

## National Traffic System Radiogram



If you listened to the SET on Saturday October 4, 2014, you heard many messages being passed. These messages were passed using the NTS format and were using the **NTS radiogram** form. This form is a national standard for amateur operators who handle traffic on HF nets. During the local LVARC ARES events, we too pass traffic but usually without the formality of the NTS system. We DO however, follow the protocol of using, **routine**, **priority** and **emergency** categories to help route traffic in an orderly fashion.

To read more, go to: <http://www.arrl.org/files/file/Public%2520Service/MPG104A.pdf>

## FOR SALE

ICOM M125...VHF-FM Marine Radio...New \$599...Now \$265. In box.

UNIDEN PC122XL...CB Radio 40Ch. (AM/USB/LSB) Mobile...New \$150...Now \$65. In box.

ICOM IC-V8000...VHF-FM Ham 2Meter 75 Watt Mobile...New \$200...Now \$130. In box.

YAESU VX-8R...Tri-Band HT (50/144/430) With GPS Ant... New \$513...Now \$265. In box.

DIAMOND BB7V... (2-30MHz) 22 Ft Vertical HF Ant...New \$389...Now \$200.



Contact:

Ed Thomas (W3EFT)  
610-865-3915  
[edbjthomas@ptd.net](mailto:edbjthomas@ptd.net)

It wasn't until 1863, when President Abraham Lincoln declared two national Thanksgivings; **one in August** to commemorate the Battle of Gettysburg and **the other in November** to give thanks for "general blessings."

