



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



Officers

President: **Rod Wolfe, Jr.** - **N3XG** (n3xg.radio@gmail.com)
Vice President: **Brian Klock** - **KW3K** (KW3K@kw3k.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











Join us for a Mid-Atlantic regional net Tuesdays
on the 147.165 port at 7:30 pm.

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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IMPORTANT -- de Mark (AK3M)

CHANGE IN TESTING PROGRAM! The LVARC will **NOT** hold a regular test session in June and July, 2013. There **will be testing at the FD site**. Testing will resume the 3rd Friday in August at **6:30 pm**. The **NEW LOCATION** will be **HANOVER ELEMENTARY SCHOOL** on **Jacksonville Road** in **Bethlehem, PA**.

3890 Jacksonville Road --- Bethlehem, 18017-9307



Newsletter submissions can be sent to Mark
(AK3M) at AK3M@rcn.com

Your submissions can be text and/or graphics.



The July, 2013 LVARC meeting will be held on
July 2, 2013 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 - 2013

Month

January
February
March
April
May



Number of Check-In's

108
105
133
132
87



Number of Nets/Mondays

4
4
4
5
3



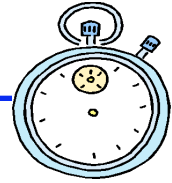
LVARC Picnic
July 27
(See page 8)



*A beautiful Summer scene
only a ham could love!
(photo courtesy NR3R)*

Minutes of the June, 2013 LVARC Meeting

de - Phil (KB3HMK)



The meeting was called to order by President Wolfe at 1934 Hrs, (EST).

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

There were a total of 21 members in attendance, and the club was joined by 2 guests. The following Board Members were present at the meeting: Rod – N3XG, Brian – KW3K, Phil – KB3HMK, Brian – KB3QHA, Paul – N0KIA, Robin – KB3GZV, Matt – KB3UZE, Chuck – WB6CDY and Gary – N3GRD.

Guests: Kenny Bass (Formerly WN3UXY), Marvin (Formerly K2NFJ)

Corrections additions to the minutes: None noted

Approved by: Gary – W3GRD

Second by: Chuck – WB6CDY

Carried (Y/N) Y

Treasurer's Report (Brian – KB3QHA)

Starting Balance: \$,4027.30

Ending Balance: \$4,372.12

Approved by: Chuck – WB6CDY

Second by: Charlie – AB3RP

Carried: (Y/N) Y

Committee Reports:

Repeater: There are new voice prompts on the 94 repeater. No other problems reported.

Program: Tonight's program is "Demystifying the Power Supply" by Matt (KB3UZE). June 18 is the hands on night. We will be doing Field Day prep for that weekend. July will be an "Intro to the ARRL EmComm course."

Volunteer Examiners: At the May 17, 2013 LVARC test session, one tested and one passed. CONGRATULATIONS to Anthony Cusumano (KC3AMC) who upgraded to General.

There will be no VE test session in June or July. There will be a walk in test session at the Field Day site on Saturday. The next test session will be the third Friday in August (August 16). The new time will be 6:10 pm and the new location will be Hanover Elementary School, in Bethlehem, PA.

Old Business: The annual club picnic will be July 27 at the Upper Macungie Park on Rt. 100. We have the upper pavilion. More info to follow.

Girls on the Run event is this Thursday. Rod has an ample supply of operators for the event.

Last months hands on was held at Fogelsville Fire Co.. We met with the CERT members and gave them info on amateur radio and how to get involved.

(Minutes cont. on page 5)

(Minutes cont. from page 4)

Field Day is June 22-23. It will be held at the S. Whitehall Twp. reservoir site on Brickyard Rd. We need help setting up. The club invited the CERT members and the new EMA Director to visit. The club will do a walk in test session on Saturday at the site. Rod needs one more VE tester.

Rod is looking for someone to fill out the paper work to get the 501c3 status for the club. If we were able to get it, we will become a non-profit organization. It requires time and work to do it. If interested, contact Rod.

The question was raised again about getting soda for members who don't drink coffee. Rod will look into it.

Paul has the equipment set up to make ID badges for club members. This is for a limited time. Contact Paul (N0KIA) if you need one or need it changed.

New Business: When Paul mentioned about making ID badges, the question was raised about getting lanyards with the club call sign printed on it. Rod asked the members if the club should look into getting some lanyards. The consensus was the color would be red. Paul made a motion to have Rod go to Staples and purchase clips with club funds. An amendment was made to the motion to purchase clips and lanyards with the club call sign on it if the cost is \$50 and under for the total purchase. If the cost is more than \$50, Rod will purchase the clips and lanyards elsewhere. Paul was ok with the amendment. It was seconded by Gary (W3GRD).

Hadrian (KB3VDB) will be turning 18 soon. When he graduates high school, he will be receiving the Elmer Gates award. He also has 48 credits towards college. Congratulations Hadrian and may you have a successful future ahead of you.
Good of the Order: Al Buttons has ham equipment for sale. Asking \$500 for everything. Contact Rod (N3XG) for more info.

Sick Report: Walt (KE3SP) recently had a defibrillator put in. He is doing fine. Tony KC3AMC) recently had open heart surgery. He's also doing fine.

The LVARC Monthly Business Meeting Closed at 2015 hrs, (EST.)

Motion by: Chuck – WB6CDY

Second by: Brian – KW3K

In favor: Y

Respectfully Submitted de KB3HMK, Secretary.

\$\$\$ W3OI Finances \$\$\$	
Balance ending May, 2013 - \$4,372.12	

This Month In Ham Radio

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1 ARES RACES Net 7:30	2 LVARC Meeting Tri-Clover 7:30	3 Dist. 2 RACES Net - 7:30 147.255	4 	5	6
7	8 ARES RACES Net 7:30	9	10 Dist. 2 RACES Net - 7:30 147.255	11	12	13
14	15 ARES RACES Net 7:30	16 LVARC Activity Night Tri-Clover 7:30	17 Dist. 2 RACES Net - 7:30 147.255	18	19	20
21	22 ARES RACES Net 7:30	23	24 Dist. 2 RACES Net - 7:30 147.255	25	26	27  LVARC picnic
28	29 ARES RACES Net 7:30	30	31	July 2013		

LVARC meeting - Tuesday July 2 - 7:30 - Tri - Clover FC

LVARC test session - NO test session this month

LVARC Activities/Events

Mark your Calendar

PRINT, CLIP and POST



Monday July 1 --- LC RACES/ARES Net - 7:30 pm (146.94)
Tuesday July 2 --- **LVARC Meeting (7:30 - Tri Clover FC)**
Monday July 8 --- LC RACES/ARES Net - 7:30 pm (146.94)
Monday July 9 --- LC RACES/ARES Net - 7:30 pm (146.94)
Monday July 15 --- LC RACES/ARES Net - 7:30 pm (146.94)
Tuesday July 16 --- **LVARC Activity Night (7:30 - Tri Clover FC)**
Monday July 22 --- LC RACES/ARES Net - 7:30 pm (146.94)
Saturday July 27 --- LVARC picnic
Monday July 29 --- LC RACES/ARES Net - 7:30 pm (146.94)

2013

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)

At the May 17, 2013 LVARC test session, one tested and one passed.

CONGRATULATIONS to Anthony Cusumano (KC3AMC) who upgraded to General.



VE's in attendance were **Mark (AK3M)**, **Larry (NR3R)** 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 except in June and July. **REGISTRATION IS REQUIRED!!!**

To schedule a test or for more information, contact Mark (AK3M) at 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) or US mail (5508 Hale Ave - Bethlehem, PA 18017). You can send pictures, diagrams or text. **The newsletter needs YOUR material to continue!**

2013 LVARC Events

July 27 --- LVARC Picnic

September 8 --- LVHN / VIA Marathon
(Volunteers needed)

October 12 --- Women's 5K Classic
(Volunteers needed)



"The Star Spangled Banner (written in 1814)," was ordered played at military and naval occasions by President Woodrow Wilson in 1916, but **was not designated the national anthem by an Act of Congress until 1931.**



Ham Radio Quotes --- "When Everything Else Fails. Amateur Radio often times is our last line of defense...When you need amateur radio, you really need them." -----The Hon. W. Craig Fugate, Administrator, US Department of Homeland Security, FEMA



The Digbees

Did you know there is no 4th of July in England?



How do they get from the 3rd to the 5th?

LVARC Picnic

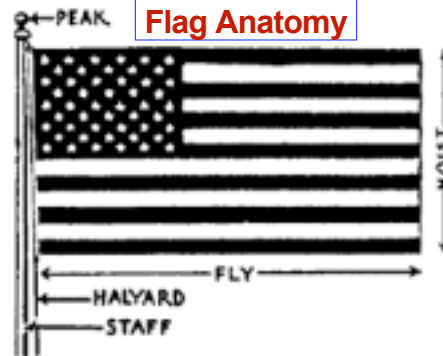


The LVARC annual picnic will be held on **Saturday July 27, 2013.** The location will be at Rt. 100 Park in Upper Macungie.

REMINDER: You can participate in an ARES activity without any previous training or certification. To participate in RACES, you need to have completed **IS-100 AND IS-700.** and you must have registered with Lehigh County RACES.



Flag Anatomy



<http://publications.usa.gov/epublications/ourflag/flagtoday.htm>

Flag Etiquette

* The flag should not be used as a drapery, or for covering a speakers desk, draping a platform, or for any decoration in general. Bunting of blue, white and red stripes is available for these purposes. The blue stripe of the bunting should be on the top.

* The flag should not be used as part of a costume or athletic uniform, except that a flag patch may be used on the uniform of military personnel, fireman, policeman and members of patriotic organizations.

<http://www.usflag.org/flagetiquette.html>

The Answer Man



Q -

(TNX to our **Answer Man**, Erik (AI3D))



The **Answer Man** has been away. He will return with a new question and answer in August!

Send your questions to Erik (AI3D) at:

GEISSENE@GMAIL.COM



Proclamation

At long last I am pleased to announce the Governor has again pronounced June as Amateur Radio Month in our Commonwealth. Our thanks to our State Government Liaison Fred Serota, K3BHX who stayed on top of this to get it through. Thanks Fred! The file is in high resolution PDF form on the ARRL.org site and available to all. Go to the Eastern PA section which should show up at the top of the home page when you log in. You may download the file in high resolution color. If any of you have trouble with it, drop me a line and I'll send you a copy direct. Our PIC, Lloyd Roach, K3QNT has press releases for our clubs to use if desired. PIO's have already received these materials and can be of assistance to you locally if needed. More announcements regarding field day are in the works.

In response to the many e-mail inquiries I have received, we are working on our field day flight again this year but planning has been subject to Murphy's law. We are working on it though - stay tuned for further developments as they say.

And thank you to all who caught up with me at the Dayton Convention to say hello or ask questions. I tried to stop in the ARRL area as much as possible and understand some of you were unable to catch me there. Three days goes fast at the Dayton show, doesn't it. I will be at the EPA convention in Harrisburg coming up, so stop in and say hello! Also, I will be speaking at the RF Hill Amateur Radio Club on June 27, and Penn Wireless on July 15, so check that out if you would like to attend a meeting. My full schedule for club visits through the spring has finally thinned out so if you like and if I can schedule it, let me know and I will try to visit other clubs. I have a variety of topics to speak on from antenna zoning to ARRL topics to radio spectrum issues, so we can see what may be of interest to any particular group. "See you on the radio". 73 ----- Bob Famiglio, K3RF --- EPA SM

READER SUBMISSION

de Chuck (WB6CDY)

QST FAQ's and New

from QST (May 2013 p. 13)



“How do I get a vanity call?”

There are two ways to get a vanity call. The FCC accepts the required forms by US mail or you can apply online using the FCC website (www.fcc.gov/uls). The instructions and specific information are located at (www.arrl.org/applying-for-a-vanity-call).

“Where can I access the digital edition of QST?”

The digital edition of QST can be found on the QST page of the ARRL website (www.arrl.org/qst). You must be logged in to view the issues.

from QST (May 2013 p. 13)

“How do I change my mailing address with the ARRL?”

Send an email to coa@arrl.org or you can call Member Services at 888-277-5289.

Red Cross News

---- (Source: QST May 2013 page 75). “**American Red Cross to Phase Out Emergency Communications Response Vehicles.**” The article sites “... *the commitment and flexibility of technologies --- including radio operators,*” as one of the reasons.



900 MHz HTs For Sale

The LVARC has several Motorola GTX hand held radios for sale. They are reprogrammed to amateur frequencies in the 900 MHz (33 cm) band. Included, are DC and drop in AC chargers. The price for the package is **\$50.00**. This is a great way to get on 900 MHz for a small cost while helping the LVARC treasury. If interested in purchasing one or more of these HT's, contact **Brian (KW3K)** at KW3K@kw3k.com.



The **Lehigh Valley Health Network/Via Marathon** will be **Sunday September 8, 2013**. *Volunteers are needed!* Plan ahead, mark your calendar and contact Mark (AK3M) if you can help (AK3M@rcn.com).



Follow the Adventures of Zack & Max



See what happens next at:

http://www.icomamerica.com/en/amateur/comic_book/Books/v7/ComicBookV7_Color.pdf

PL-259 Connector Installation

READER SUBMISSION

de Larry (NR3R)



Part 1

https://www.youtube.com/watch?v=_jIPcBVg45E&feature=youtube_gdata_player


Part 2

https://www.youtube.com/watch?v=agkP9YMR3Kc&feature=youtube_gdata_player




Summer Tip:

Your HT can be lots of fun on a vacation. Not only can you talk to new people you don't know, you can monitor marine traffic if going to the shore. You can also listen to the local aircraft, lifeguard, fire and police not to mention listening to broadcast bands while on the beach!



Summer Tip:

Don't forget to disconnect your antennas when going away on vacation.



From the ARRL web site

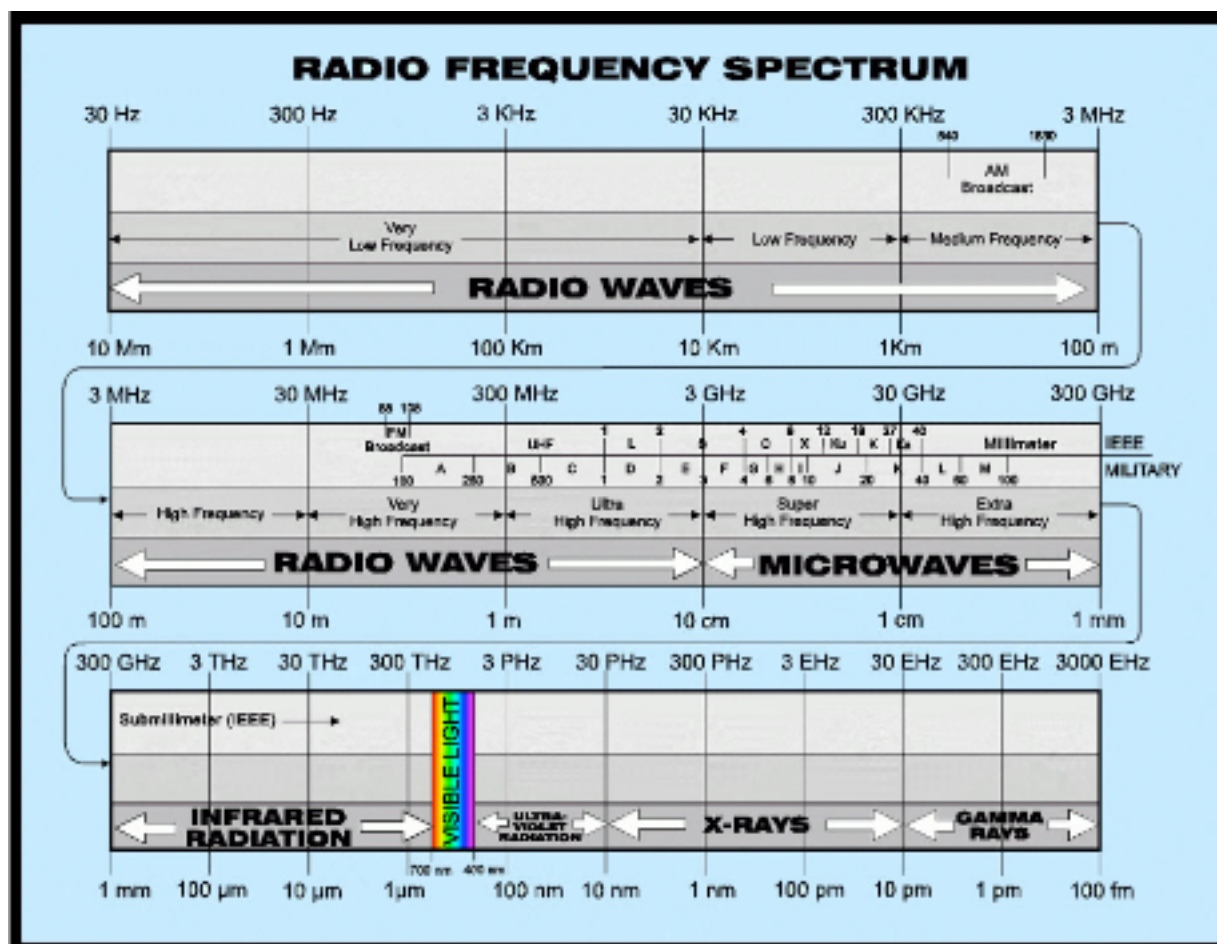


*** Forecasters Calling for "Active or Extremely Active" Atlantic Hurricane Season.**

**** Spanish Amateurs Gain New Frequencies**

Spanish amateurs may now use 1810-1830 kHz in the 160-meter band on a secondary basis.

A nice chart to review/reference the RF Spectrum



Thomas Jefferson died on the 50th anniversary of the Declaration of Independence. So did John Adams who also signed the Declaration.



License Testing to Be Held at the LVARC Field Day Site



No appointment / walk-in license exams will be offered at the LVARC Field Day site during Field Day weekend (June 22 & 23). **If upgrading**, you will need to take a **COPY** of your license. The test fee is \$15.00 **EXACT CASH.**

JuiceBox Power Supply



READER SUBMISSION

de Larry (NR3R)



https://www.youtube.com/watch?v=t3cZKQGfE4&feature=youtube_gdata_player
http://www.portableuniversalpower.com/index_files/HardenedPower_JuiceBox.htm

From the editor - de Mark (AK3M) ---- By the time you read this, the LVARC will have provided communications support for three ARES events with two more scheduled for the 2013 year. The reason we continue to be asked back to support these organizations is because of the quality of our service. Yes, there are other communication options, cell phone, FRS, GMRS etc., none of which work to the level of amateur radio, as we all know. Coordinating one of these events is stressful. A commitment is made to the served agency and only *then* are volunteers solicited. *The stress has begun.* I start to hope enough operators will volunteer, because the LAST thing I want to do is tell the served agency that I cannot fulfill the promise of support. **Although you have good intentions, if you are not sure you can volunteer, DON'T.** A "maybe," is as good as a, "no." I cannot assign someone to a position if they are not sure they can be there. **Once you do commit, please be sure you show up.** *The stress continues until all operators show on the day of the event.* More than once, I have had "no show," operators. That leaves a hole in much needed, already assigned positions.



If you have never volunteered for an ARES event, do not hesitate because of lack of experience. We all had to start sometime. In many cases, a new operator can be paired with an experienced operator. **I am very proud of the LVARC members who volunteer their time and talents so the LVARC can continue to provide communications support for ARES events! Don't forget that participation in ARES events earn you incentive tickets!**

Seeking new submissions to the VOX. Look for scenes of ANY amateur radio related pictures you would like to share or have included in the newsletter. Take the picture and send to me. The picture of the sunset and beam (on page 3) is an example. Summer is a great time for amateur radio related pictures!

"A society grows great when old men plant trees whose shade they know they will never sit in." — Greek proverb

The **"Girls On the Run 5K"** was held on a rainy Thursday June 6, 2013. TNX to Rod (N3XG) for his coordination of this event! A directed net was initiated at 1800 and closed at 1907. There was one piece of traffic which concerned the removal of course barrels due to a conflict in runner safety and outgoing vehicular traffic. There were approximately 300 girls running and 300 mentors for a total of 600 runners. Rod (N3XG) used his bicycle and acted as EMS liaison for communications between our amateur operators and EMS. TNX to Gary (W3GRD) who volunteered to act as the "walking sweep," person. That means that he not only had to act as communications support but also had run the entire 5K (3.2 miles) in the rain.

Those LVARC operators who participated included, **Rod (N3XG), Paul (N0KIA), Mark (AK3M), Gary (W3GRD), Rex (KC1WE), Jim (KC3AFU), Don (N0VGA), Don (W3DLH)** and **John (KB3VNS)**.



The **third ARES event** of the 2013 LVARC ARES season, was the **Hanover Township 5K** which was held on Saturday June 8, 2013.

This event was a joint effort with LVARC and DLARC members participating. The weather was overcast but no rain! There were no incidents and all ran smoothly. TNX to those who provided their time and skills,



making this new event for me (AK3M), a successful one. TNX to **Don (W3DLH), Scott (KB3YOT), Judy (KB3YOS), Don (N0VGA), Jim (KB3AFU), Paul (N0KIA), Frank (W3FTU)** and **Bob (KE3AW)**.



Although "The Boys of Summer," may entertain us in baseball, there is another sport available for Summer enjoyment, and that is NASCAR racing. We have a track right in our back yard at Pocono Raceway. If you do go to a NASCAR race at Pocono or any other track this Summer, consider taking your HT. With extended receive capability. It will allow you to listen to communications between cars and their crews. **The NASCAR Frequencies are - 450-470 MHz** (ham UHF - 430.00 - 450.00 MHz). For more specific frequencies, see:



<http://www.raceawayhospitality.com/NASCAR-Sprint-Cup-Scanner-Frequencies/>.