



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: **John Bartos** - AB3LZ (e03145jab@gmail.com)
Vice President: **Chuck Ballard** - W3CDY (chballard@compuserve.com)
Secretary: **Phillip Bigg** - KB3HMK (philbert17@ptd.net)
Treasurer: **Paul Ryan** - N0KIA (paul.f.ryan@gmail.com)

Board of Governors

Myles Bodisch - KB3ZMA (KB3ZMA@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.

* 147.735/147.135 (DCS 315) Automatic Mode Select. Analog * FM or YSF, Yaesu System Fusion),
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Many club announcements will be heard there.
ALL are welcome to check in!

The **November** LVARC meeting will be on **Tuesday November 5**, 2019 at the Tri-Clover Fire Company in Orefield at **7:30p** (local time).

The scheduled program includes a presentation
TBA by Jeff Bauer (KA3PNY).

Plan to attend!

The LVARC holds it's monthly meetings on the **FIRST TUESDAY** of every month at the **Tri-Clover** Fire Company in Orefield, Pennsylvania at 7:30p Eastern time.

LVARC TEST SESSIONS

The LVARC holds monthly test sessions on the third Friday of every month. The test is held at Hanover Elementary School at 3890 Jacksonville Road in Bethlehem, PA at **6:30p**.

REGISTRATION IS REQUIRED

To register, contact Mark (AK3M) at AK3M@rcn.com
or call 610-428-4475 NO later than the Sunday BEFORE the session.

NOTICE

The LVARC radio shack is open for use on the third Tuesday of the month BUT you **MUST CONTACT JOHN (AB3LZ) FIRST**. John can be contacted at (e03145jab@gmail.com).



**At what speed is the 146.94 repeater
CW ID sent? (Answer on page 11)**

Upcoming 2019 LVARC Programs

- November** - (1) Jeff Bauer (WA3PNY) - Program: "Multi Protocol Digital Voice Repeaters."
(2) Nominations for 2020 officers closes
(3). Nominations for "*Pres Schuler Award*." - closes 9-27
- December** - (1) Election of 2020 officers
(2) Annual Holiday party

Note: — Programs topics are subject to change. Listen to the Monday Night Net for changes.

2019 ARES Event Schedule

(Mark your calendar as volunteers are needed)

November 3 (Sunday) — Delaware & Lehigh Heritage Half Marathon Run/Walk

The **SELF STUDY Version of EC-001**, the base required course for Level 1, is available, and has been for several months, on the ARRL web site. Members can register for the course via this link: <http://www.arrl.org/online-course-catalog>. There are two different versions of the course. The **guided** or **mentored version (EC-001)** and the **self-paced** for **experienced emergency communicators (EC-001-S)**.— *de W.T.*



Welcome two new hams to the hobby! The two who tested at the September 20, 2019 test session received their calls on September 24, 2019. Congratulations to **Andrew Kline (KC3OCJ)** and **William Johnson (KC3OCK)**!



The LVARC Activity Calendar

NOVEMBER

November 3 - Delaware & Lehigh Heritage Half Marathon Run/Walk

November 3 - Hanover Twnsp. Fall 5K ——— CANCELLED

November 4 - Monday Night LVARC Net - 7:30p 146.940

November 5 - LVARC meeting at 7:30p at the Tri-Clover F.C.

November 11 - Monday Night LVARC Net - 7:30p 146.940

November 15 - Test session at Hanover Elementary (6:30p)

November 18 - Monday Night LVARC Net - 7:30p 146.940

***November 19 - LVARC radio shack open for use**

November 25 - Monday Night LVARC Net - 7:30p 146.940

DECEMBER

December 2 - Monday Night LVARC Net - 7:30p 146.940

December 3 - LVARC meeting at 7:30p at the Tri-Clover F.C.

December 9 - Monday Night LVARC Net - 7:30p 146.940

December 16 - Monday Night LVARC Net - 7:30p 146.940

December 17 - LVARC Award Presentation / Holiday Party

December 20 - Test session at Hanover Elementary (6:30p)

December 23 - Monday Night LVARC Net - 7:30p 146.940

December 30 - Monday Night LVARC Net - 7:30p 146.940

* The LVARC radio shack is open on the third Tuesday of the month **ONLY AFTER CONTACTING JOHN** (AB3LZ) at e03145jab@gmail.com.



On **Sunday November 3**, is the **Delaware & Lehigh Heritage Half Marathon Run/Walk** administered by Rod (N3XG).

To volunteer for the D&L Heritage Half Marathon, contact Rod (N3XG) at n3xg.radio@gmail.com.

**Your help is still needed for a terrific end to the
2019 LVARC ARES season!**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
November 2019					1	2 Turn clocks BACK 1 hr. 
3 Delaware & Lehigh Heritage Half Marathon 	4 LVARC Net 7:30p	5 LVARC Meeting 7:30p	6	7 D-Star Net 7:00p	8	9
10 Deadline to register for test session	11 LVARC Net 7:30p	12	13	14 D-Star Net 7:00p	15 LVARC Test Session 6:30p	16
17	18 LVARC Net 7:30p	19 LVARC Activity Night	20	21 D-Star Net 7:00p	22	23
24	25 LVARC Net 7:30p	26	27 Deadline to nominate for Pres Schukler Award	28  Thanksgiving	29	30



Crayola is a French word that means 'Oily chalk.'



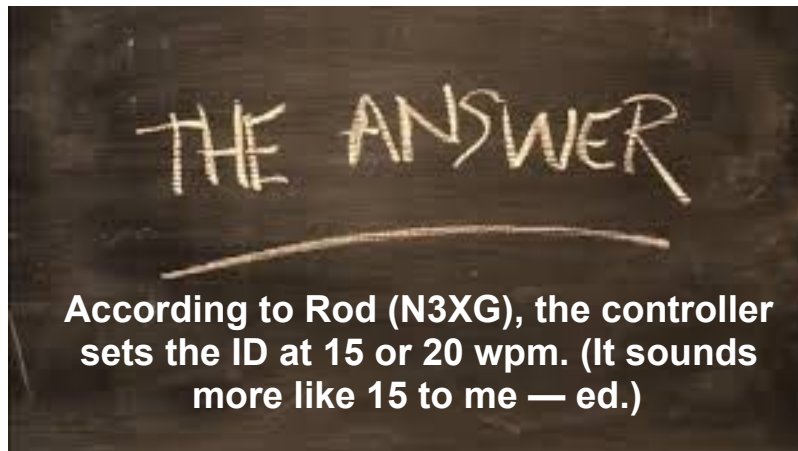
A great video About Amateur Radio

(Shared by Pete - NL7XM)

<https://www.youtube.com/watch?v=ivUMIADFSDw&feature=youtu.be>

“At what speed is the 146.94 CW ID sent?”

(Answer from the quiz on page 2)



William 'Bill' N. Goodman (**K3ANS**)
September 27, 2019

Easton, PA, native William "Bill" N. Goodman, age 77, passed away on Sept. 21, at St. Luke's Hospice, Bethlehem, PA.

"Autumn... the year's last, loveliest smile."

- William Cullen Bryant





Nominations for the 2020 LVARC Officers are now being accepted

Nominations for the following LVARC officers are now being accepted, **President, Vice President, Treasurer, Secretary and Board of Governors** (vote for 4). There are 5 board members positions but as per the constitution the outgoing president is on the BOG for one year.

Send your nominations to John (AB3LZ) at (e03145jab@gmail.com).
Nominations close at the November 5, 2019 meeting.

Election for 2020 LVARC officers will be held at the December 3, 2019 meeting.

Nominations for the 2019 Pres Schuler Award are now being accepted

Nominations for the 2019 *Pres Schuler award* are now being accepted. Send your nomination to John (AB3LZ) at (e03145jab@gmail.com). Include a narrative explaining **WHY** your nominee deserves the award.

This award is presented to the LVARC member who has **demonstrated Excellence In Service to the LVARC during the 2019 year.**

Nominations must reach John **BEFORE** Thanksgiving (November 28, 2019).

Presentation of the 2019 Pres Schuler award will be made at the December 17, 2019 holiday party.

2019 Women's 5K Classic Review

Thirty seven degrees and early overcast skies did not stop eleven LVARC members from rising early on a Saturday morning to provide communications support for the 2019 Women's 5K Classic in the Lehigh Parkway.



This event is reported as the largest breast cancer fundraiser on the East coast as almost 3,000 women dressed in pink, ran and walked to raise money for research.

A directed net was opened at 0845 and closed at 1112. The event ran smoothly and no emergency traffic was passed.

The following LVARC operators were present. THANKS to **Mark** (AK3M), **Chris** (N3RPV), **Andy** (AK3KA), **Don** (N0VGA), **Larry** (NR3R), **Kenny** (KC3BLE), **Bob** (WB3JSZ), **Rob** (AB3RC), **Phil** (KB3HMK), **Randy** (N3ET) and **Roy** (W0ROY). Without LVARC ARES volunteers, events like this could not happen.

Kudos to all the LVARC volunteers!





Photos on pages 8 and 9
courtesy of Don (N0VGA)



Bob (WB3JSZ)

**Two of
the LVARC's
finest!**



Kenny (KC3BLE)



Photos courtesy Larry (NR3R)



Net Control (left)
Photo courtesy Mark (AK3M)



Photos courtesy
Bob (WB3JSZ)





Photos courtesy Andy (AK3KA)

Drone coverage

Photos courtesy
Mark (AK3M)



Digital Net from the L.C. EOC

de Mike (KC3BLF)

Tom (WW3TRG) and **Regina (N2RNA)** in the Lehigh EOC operating on the Sunday (October 6) AM PA NBEMS net. A computer with FLDigi was used on this digital net with our new Icom 7100 radio.



Lehigh Valley Amateur Radio Club (W3OI)

Meeting Minutes

Date: October 1, 2019

The meeting was called to order by President Bartos at 1930 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 25 members in attendance, and the club was joined by 1 guest.

The following officers and Board Members were present at the meeting:

President - John Bartos	Present
Vice President - Chuck Ballard	Present
Treasurer - Paul Ryan	Present
Secretary - Phil Bigg	Present
Board Members: Myles Bodisch	Present
Mark Miller	Present
Rick Pearce	Present
Matt Kriebel	Present
Rod Wolfe	Present

Guests: Bridgette Weddigen

Corrections additions to the minutes: One correction noted by secretary and changed

Motion to accept made by: Chuck – W3CDY

Seconded by: Andy – AK3KA

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

Treasurer's Report (Paul - N0KIA)

The report was presented

Motion to accept made by: Myles – KB3ZMA

Seconded by: Don – N0VGA

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

Committee Reports:

Repeater: No new issues

Program: Tonight's program is Paul (N0KIA) and he will be doing a presentation on TCP/IP, network history and at home networks. Next month is Jeff (WA3PNY) he will be doing a presentation on Multi-Protocol Digital Voice Reflectors. John will start working on a schedule for next year. He will be passing out suggestion sheets at next month's meeting. Also looking for any kind of Skype presentations.

Volunteer Examiners: At the September 20, 2019 test session, two tested and two passed.

CONGRATULATIONS to William Johnson and Andrew Kline. Andrew earned his Technician license and William passed both the Technician and General tests and earned his General. They received their calls on September 24, 2019. CONGRATULATIONS to Andrew (KC3OCJ) and William (KC3OCK).

VE's in attendance included Mark (AK3M), Walt (KE3SP) and Mike (KC3BLF).

The next scheduled test session will be Friday October 18th at Hanover Elementary School in Bethlehem.

ARES / RACES: The Hanover Township Fall 5K event has been changed to a different fundraising activity which does not require communications support. The Fall 5K has been cancelled. The Spring 5K has not been changed and will happen in early June, 2020. Communications support will still be needed for that event.

The Women's 5K Classic is scheduled for Saturday October 5, 2019.

There are 12 operators scheduled. Chris (N3RPV) and/or Jeff (N3MFT) are expected to be present at NCS with the South Whitehall communications van.

The final LVARC ARES event is the Delaware & Lehigh Heritage Half Marathon Run/Walk to be held on Sunday November 3, 2019.

To volunteer for the D&L Heritage Half Marathon, contact Rod (N3XG) at n3xg.radio@gmail.com.

Club Station / Trailer: John would like to have a work day for the club station. Looking at Sunday October 20, 2019 possibly after 12 PM. Station needs some work and John wants to have the antennas on the roof checked out. Work still needs to be done on the trailer.

Communications: Nothing new has been said. Website is up and running.

Old Business: Paul has some laptop cases that he purchased from Amazon. Small case is \$9 and large case is \$11. He has some to demo and for sale.

There are 3 old laptops on the table upfront. They free to whomever wants them.

Rod showed two versions of the club logo that can be embroidered on a shirt. The small logo is \$6.50 and the large logo is \$15.50. He showed a shirt that he was issued for work. The brand is Elec and is high quality that lasts a long time. Discussion followed about what logo to go with and how to purchase the shirts. More info to follow.

New Business: Don (N0VGA) is selling his solar panel equipment. He gave the club first chance to purchase the equipment. The board will discuss it and report back at the next meeting.

John will start taking nominations for the Pres Schuler award. Please submit a name and a description of why the member should receive the award. He will take nominations up until the Friday after Thanksgiving.

John asked for a motion to open nominations for the 2020 officers. A motion was made by Chuck (W3CDY) and seconded by Rick (KC3EXO). The motion passed.

The following are the members who were nominated:

President			
Mike		KC3BLF	Decline
Chuck		W3CDY	Decline
Myles		KB3ZMA	Accept
Vice President			
Chuck		W3CDY	Accept
Jeff		WA3PNY	Accept
Treasurer			
Paul		N0KIA	Accept
Secretary			

Phil		KB3HMK	Accept
Board			
Mark		AK3M	Accept
Rod		N3XG	Accept
Dan		KC3HWD	Accept
Matt		KB3UZE	Accept
Don		N0VGA	Decline
Mike		KC3BLF	Decline
Rick		KC3EXO	Accept
Andy		AK3KA	Accept
Richard		KC3FEZ	Accept

A motion was made by Rod (N3XG) and seconded by Chuck (W3CDY) to close nominations until the November meeting.

Good of the Order: The Makers Movement would like the club to come their facility and see what they do. John will work on a date with them and let the members know.

There was an IEEE presentation locally on the history of Silicone Valley. Some of our members attended. The presentation was nice.

Someone went into Eastern PA EMS Council and asked about amateur radio. They gave them Rod's e-mail. This person then contacted Rod with an interesting e-mail. He found out the name and forwarded it to the correct people.

Paul also got an e-mail asking for info on the repeaters in area.

The LVARC Monthly Business Meeting Closed at 2040 hrs. (EST.)

Motion to accept made by: Dan – KC3HWD

Seconded by: Matthew – KB3UZE

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





de Mike (KC3BLF)

There will be a D-Star Net Thursday evenings at 7PM. We will use the W3OI 2M "C" module, as that seems to have the best reception through the valley. However, I also plan to link the C module to Reflector 20B during net times. Our 70cm "B" module is normally linked to reflector 20B during the day, so for the net you could participate on either 2M or 70CM. If you are traveling with a hotspot, dongle or whatever, you could likewise get back here by linking to 20B.

The idea is to get us used to Dstar, go over some of the things we can do with it (beyond talking in a semi-robotic voice), use D-Rats, etc.



David A. Hinkel, 73, of Emmaus, loving father and grandfather, passed away Sunday, October 20, 2019 at home.



Before retiring, David worked with computers and videography. He was an avid ham radio operator (**N3GRH**).

Silent Key Memorial:

*My chair is sitting empty,
My call's no longer heard,
My radio rests quietly,
From it comes no words.
On my shack door is a message,
That reads "From Me to Thee".
My Frequency's much higher now,
I've become a silent Key.*

Yaesu Ft-840
MFJ-934 tuner
Vectronics VEC-204 paddle keyer
J38 type straight key
Astron RS-35 power supply
+ some miscellaneous items



de Myles
(KB3ZMA)

Gear was in use until about year ago, the Family of a SK contacted the club to see if we could help find a good home for it. It is being sold as a package, \$450 for everything. **For more info contact Myles KB3ZMA 484-350-1814.**



The **449.375 repeater** (W3EPE) has changed its PL to 131.8 for tone ONLY. Do NOT program your radio for a receive CTCSS.

Limerick Nuclear Power Plant Drill

On Wednesday October 23, 2019, seven LVARC members attended an on site Limerick Power Plant drill at Emmaus High School. The exercise is held every two years as required. This was a RACES activation. The Lehigh Valley is within a 50 mile area from the plant. Should there be a need, Limerick could send casualties to our area.



During this **SIMULATED** exercise, persons evacuated from the Limerick area were checked medically which included checking them for radiation.

The LVARC communications trailer was used as the LVARC Communications Command Center. This was an excellent, "shake down," event for the trailer. It gave those in attendance the opportunity to note changes or additions that need to be done so the trailer can be 100% functional.

Those LVARC members in attendance included, **Myles** (KB3ZMA), **Mark** (AK3M), **Tom** (WW3TRG), **Steve** (KS3RO), **Richard** (KC3FEZ) who were all at Emmaus High School with the trailer and **Paul** (N0KIA) who was stationed in the club's radio shack and **Mike** (KC3BLF) who was remote. Both analog and digital modes (D-Star) were used. Two FEMA evaluators spoke to the group at the school during the event.

There will be another drill on November 19, 2019 which may include RACES personnel deployment.

Mike, **A nice TNX from Jonathan at L.C. EMA**

"I would like to personally thank you from all of us here at Lehigh County EMA for all the work you and your team have been putting in. Having you involved in our drills and trainings is very important, and a vital resource to us. Please extend my thanks to your team for participating in the drill, we got nothing but compliments from all evaluators. As for the go-kits. I would like to explore this in more depth. If you could send me what you think we would need, that would be great. Once again, thank you for all your hard work!"

Jonathan Al-Khal
Special Operations Team Coordinator
Lehigh County EMA

