

**DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.**  
**OCTOBER 2014**



***W3OK***

***CORRAL***

**Club Meeting October 5th, 7:30PM At the  
Bethlehem Township Community Center**

**OCTOBER PROGRAM**

***"Elections and Annual Award Presentations"***



***"Patrolling The Ether, The FCC in WWII"***  
**Brian / KN4R**



## MINUTES FROM THE SEPTEMBER MEETING

A general membership meeting of the Delaware Lehigh Amateur Radio Club was held on September 7, 2017 at the Bethlehem Township Community Center, Bethlehem, Pennsylvania.

**Called to Order:** by our Vice President Steve / W3NAM at 19:30 hrs. due to President feeling a little under the weather

**Pledge of Allegiance:** Led by our Vice President.

The Vice President then welcomed our visitors and thanked all for coming and asked if anyone had any special ham happenings or events from and for the membership. Doreen / K3PDL reminded all of the trip to the Lehigh Valley Amateur Astronomical Society this coming weekend. And that if Anyone needs Club ID Badges or wants one or has not picked them up yet you need to see Dave / N3EYT.

**Secretary's Report:** Lester / W3LES stated the minutes had been posted on line. Our Vice President asked if there were any corrections. Hearing none a Motion to accept the minutes was made by Jay / N3OW and was seconded by Dean / AB3BD, the Motion was so moved by vote.

**Treasure's Report:** Mike / KB3LOD gave his report and on a Motion to accept by Jay / N3OW and seconded by Dean / AB3BD, the Motion was so moved by vote.

**Club Station:** Lester / W3LES reported that all was well and the other 80/40 meter wire will be going up as soon it can. This all to get the Station ready for the PA QSO Party coming up on the 2<sup>nd</sup> weekend in October, since W3OK did contact all 67 Counties and received a Certificate for it. He stated, we need to get operators to come and help Just Please contact him if you are interested.

**Repeater Report:** None.

**Web Site:** No Report.

**Membership:** Jo Ann / ND3JJ was not able to attend, but the Secretary read a new Application from Thomas Zellman / N2TDZ (Tech) who resides in Bethlehem, PA. A motion was made to accept from Dave / N3YT and seconded by Dean / AB3BD, the Motion was so moved by vote and he greeted by a round of applause.

**Classes:** Bob / KE3AW stated that the classes are going along well.

**New Business:** It was stated that the Club Picnic seems to have less and less but the hope is that things will turn around. It was announced that Dave / N3EYT is now the WX3MAS chairman and if you want to help or come out and operate from 9-5 on the 16<sup>th</sup> & 17<sup>th</sup> of December see Dave and sign up with him.

Our volunteer Archivist for the club Barbara / W3ATC, stated she brought old news letters with her tonight and are in the back of the room feel free to take them, also she is still collecting and working on finding, and recording any of the club history that she can, if you have anything contact her.

Our V.P Steve / W3NAM announced that it was time to open the floor for Nominations of Executive Committee for 2018. He called on the Chairman John / NT3P who announced the names of those in the running and for what office. For the Office of: **President** (there are 2 in the running): Steve / W3NAM and Jay / N3OW

**Vice President:** Stephanie Koles / WX3K

**Secretary:** JoAnn Schaffer / ND3JJ

**Treasure:** Michael Gower / KB3LOD

**Board of Directors:** Gabriel Lantos / KZ2A

Malcolm (Skip) Leslie / KD2BDA

Dean Guth / AB3BD

Lester Morrow / W3LES

Charles (Skip) Paulsen / W1PV

The Nominations were closed and all were reminded the Elections will be held at Octobers Meeting.

Our New Program Chair Evelyn / W3DOY asked if anyone had some ideas for next year programs to Please contact her.

Terry Swinney / KC3JHT the new Awards Chair asked if anyone had some ideas or wanted to help to Please Contact him.

**Adjournment** 8:55PM

Respectively Submitted  
Lester Morrow / W3LES

## OCTOBER CONTESTING AT THE OK CORRAL

- October 7 & 8 – ARRL EME Contest
- Oceania DX Contest - Phone
- October 14 & 15 – PA QSO PARTY
- October 21 & 22 – Worked All Germany
- RCB XYL Contest
- October 28 & 29 – CQ WW DX Contest – SSB



## OCTOBER QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4 DLARC Net (KC3II)	5 DLARC MEETING 7:30 PM	6 NO VE SESSION	7
8	9 Columbus Day	10	11 DLARC Net (N3SQD)	12	13	14 PA QSO PARTY
15 PA QSO PARTY	16	17	18 DLARC Net (KB3CTX)	19 DLARC BOARD MEETING	20	21
22	23	24	25 DLARC Net (K3PDL)	26	27	28
29	30	31				

### VE TEST SESSION

There will not be a test session this month. The next session will be on November 3rd at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact John / Nc3p at nc3p@arrl.net.

### NEW MEMBER

The DLARC is continuing to grow, so be sure to greet our newest member, shake his hand, and give him a warm welcome to our club. The newest member is Thomas Zellman / N2TDZ.

### 2017 DLARC EXECURIVE COMMITTEE ELECTION SLATE

This is the official Slate for the DLARC elections to be held at the October 5, 2017 general monthly meeting. This year, since there is only one candidate each for Vice-President, Secretary, Treasurer, and the five Directors, and according to the DLARC By-laws, *“the Secretary shall cast the necessary vote”* for those positions.

**President --- Steve Harper / W3NAM**  
 --- Jay Mason / N3OW  
**Vice president — Stephanie Koles / WX3K**  
**Secretary – Jo Ann Schaffer / ND3JJ**  
**Treasurer – Mike Gower / KB3LOD**

**Board of Directors**  
**Gabe Lantos / KZ2A**  
**Malcolm (Skip) Leslie Jr. / KD2BDA**  
**Dean Guth / AB3BD**  
**Lester Morrow / W3LES**  
**Charles (Skip) Paulsen / W1PV**

The tenth position on the Executive Committee, according to the DLARC By-Laws is *“the most recent past president”*, so Bill Connelly / W3MJ, will be the tenth member on this year's Executive Committee.

### CHRISTMAS CITY SPECIAL EVENT STATION

Again this holiday season, the DLARC special event branch, “The Christmas City Station” will be on the air. Over the weekend of December 16th and 17th, 9AM to 6PM daily, from the Milk House with the call of WX3MAS. This our way of celebrating Christmas and wishing other hams around the world a “Merry Christmas” from the twin Christmas Cities of Nazareth and Bethlehem. Dave / N3EYT will chair this event and is looking for support from the general membership. Operators will be needed man the radios during the on air period continuing our tradition. Dean also has said that there will be a holiday dinner Saturday evening and left overs for Sunday plus any Christmas goodies you would like to bring. A sign up sheet will be available at the is meeting and also at the December meeting.

## SEPTEMBER PROGRAM REPORT

Brian / KN4R presented another program relating to early radio equipment. He did this from his home in North Carolina by way of Skype. The title was "Patrolling the Ether During WW II".

In June 1940, the FCC restricted communications between United States hams and hams in foreign countries. The FCC also established a radio intelligence division, which would monitor all wireless communications and it around the United States. With the onset WW II it became necessary to man this monitoring stations. Amateur radio supplied many of this monitoring station operators. These stations were on fixed locations and also mobile. At that time the German U-boats were patrolling our East Coast and Gulf Coast areas and receiving information from secret radio stations pertaining to shipping and convoys. The RID purpose was to locate and shut down these stations.

The RID had monitoring stations along the East Coast, Gulf Coast and in South America. Also in Canada, Alaska, the West Coast and Hawaii. The main station was located in Washington DC and secondary stations throughout the country, not just along the coasts. All information was sent to Washington DC for evaluation and further action.

Brian presented models of the equipment used by the RID to locate the illegal stations and also models of the equipment used by the German spies. The American equipment was manufactured by Halicrafters and Hudson automobile company. The fixed stations used Halicrafters Model SSR 201 Radios and the Mobile radios were made by Hudson.

The bottom line of the entire RID program, was spy transmissions were reduced and or stopped through this use of amateur radio skills from the volunteer operators.

As an afterthought it is necessary to mention that during the Skype broadcast, Brian showed much of this collection of WW II radios, German and Japanese and how he has restored them. Another quality presentation for the benefit of our club.

## MONTHLY BRAIN TEASER



A special prize awaits the first Club Member to submit the correct answer to this month's Brainteaser to the Pete / NL7XM, *only*, at nl7xm@arrl.net The winner must be present at the next Meeting to receive it, or it goes unrewarded. Officers, Board members, Newsletter staff, and Brain Teaser Authors are not eligible to win."



de Pete / NL7XM

## SEPTEMBER BRAINTEASER ANSWER SEVEN.

Each cycle has at least 2 wheels, which means that the 17 cycles have at least 34 wheels. If you subtract 34 from 41, that leaves 7 extra wheels. The extra 7 seven wheels must belong to the tricycles.

The winner is **Bob / KE3AW**

## OCTOBER BRAINTEASER

If you use a certain formula on 13, you end up with 7.  
Under the same formula, 2352 becomes 16, 246 becomes 14, 700  
turns into 16, and 1030 becomes 14.  
What would 9304 become?

## PENNSYLVANIA QSO PARTY 2017

October 14<sup>th</sup> and 15<sup>th</sup> are the dates for the 2017 PA QSO Party. As in the past the DLARC is hoping to regain its position as the number one club in the state. Now is the time to check your station and antennas, so you are prepared for the party. The Norm Zoltak / K3NZ award for the highest scoring single operator station will be awarded again this year. The Frankfort Radio Club is the special station for this years event with multiple stations on the air through the state.



## THE DLARC K3NZ PAQSO AWARD

This award is named in honor of Norm Zoltack, K3NZ and will be awarded to the club individual earning the highest score in the club during PAQSO party. Norm was a super contester and a guiding force in his 40 plus years with the DLARC.

Requirements:

1. You must be a single operator.
2. You must apply your score to the DLARC's aggregate.
3. Portable, mobile, rover and home operations count.
4. You can operate from any county.

## REFLECTIONS OF THE PAST



Field Day 1983 – Hacketts Park

## ECLIPSE 2017



## HURRICANE HAZEL 1954

With the recent hurricanes and the possibility that amateur radio operators might be needed in Florida, here is a relevant photo.



DLARC members operating from Sell Field Central Station during Hurricane Hazel, October, 1954. On the right is Doug Morick, W3NNT, who was a club president during the 1950s and later moved to Texas. The two operators are not identified. The call sign W3PQX belonged to Gordon Jacoby. This photo was used in QST.

## DLARC AT THE IRON PIGS GAME



**Now pitching for DLARC and the Iron Pigs, “FIREBALL Carl” / AA3IX throwing a “First Pitch”.**

On Monday, August 21, we had a fun night with “DLARC at the Iron Pigs” at Coca-Cola Park in the “Pig Pen” adjacent to the Bull Pen. We had 34 ticket holders; members and their guests. It was the 3rd annual event for DLARC.

This was a make-up game rained out in July, where Barbara Wiemann W3ATC represented DLARC with her first pitch. Sorry, no photo of that is available, but congratulations to both DLARC members.

**The Iron pigs won the game, 4-3 in the 10th inning over the Syracuse Chiefs. Of note, Jayson Werth, on rehab from the Washington Nationals was in left field for some of the game for the Chiefs.**

## AURORA SEPTEMBER 2017



de Stephanie / WX3K

## ARRL SIMULATED EMERGENCY TEST

The main weekend for the 2017 ARRL Simulated Emergency Test (SET) is only a little more than a month away — Saturday and Sunday, October 7 and 8. The primary League-sponsored national emergency exercise is designed to assess the skills and preparedness of ARES® and other organizations involved with emergency and disaster response.

“Every local ARES team and/or ARRL Section will come up with their own scenarios and work with served agencies and partner organizations during the SET,” said ARRL Field Organization Team Supervisor Steve Ewald, WV1X, who pointed out that not all SETs will take place on the first full weekend of October.

“SETs can be scheduled at the local and Section levels and conducted throughout the fall season to help maximize participation,” Ewald said, “and ARRL Field Organization leaders have the option of conducting their SETs on another weekend if October 7 and 8 are not convenient.”

ARRL Field Organization Leaders — Section Managers, Section Emergency Coordinators, Section Traffic Managers, District Emergency Coordinators, Emergency Coordinators, and all of their Assistants and Net Managers — are among those tasked with developing plans and scenarios for this year’s SET, Ewald explained.

“The SET invites all radio amateurs to become aware of emergency preparedness and available training,” Ewald said. “ARES, Radio Amateur Civil Emergency Service (RACES), National Traffic System™, SKYWARN, Community Emergency Response Team (CERT), Salvation Army Team Emergency Radio Network (SATERN) and other allied groups and public service-oriented radio amateurs are encouraged to participate.”

The object of the annual nationwide exercise is to test training and skills and to try out new methods. “It’s a time to work with partner organizations and served agencies to get to know them better and to determine their needs *before* an emergency or disaster strikes,” Ewald said. “Knowing whom to contact within partner groups with the planned procedures will help everyone accomplish their goals and succeed in their missions.”

Over the decades, ARRL has established strong working relationships with multiple organizations and agencies, such as the Federal Emergency Management Agency (FEMA), the American Red Cross, The Salvation Army, the National Weather Service, the National Communications System, the Association of Public-Safety Communications Officials-International (APCO-International), Citizen Corps, National Voluntary Organizations Active in Disaster (NVOAD), REACT International, the Society of Broadcast Engineers (SBE), the US Power Squadron, and the Boy Scouts of America.

**“Getting to know these organizations at the local, section, and state levels and how to work together for effective emergency and disaster response service are important,” Ewald said. “The annual Simulated Emergency Test provides the chance, and you and the radio amateurs of your community help make it happen.”**

## REVISED NCVEC FORM 605

### Must Be Used at Exam Sessions Starting on August 21

With a revised FCC Form 605 - Quick-Form Application for Authorization in the Ship, Aircraft, Amateur, Restricted and Commercial Operator, and General Mobile Radio Services - soon going into effect, the National Conference of Volunteer Examiner Coordinators (NCVEC) has updated its unofficial NCVEC Form 605 that’s used at volunteer examination sessions. The revised NCVEC Form 605 must be used at exam sessions starting on August 21. Both the new FCC and NCVEC forms ask applicants if they have been convicted of a felony in any state or federal court. This conforms with FCC requirements to evaluate an applicant’s qualifications to hold any FCC-issued license. The FCC has been asking “the felony question” on other forms, and its omission on Form 605 was an apparent oversight.

An applicant’s response and explanation to the felony question – now included on NCVEC Form 605 - will be used to determine eligibility to be a Commission licensee. If the answer to the felony question is “yes,” the applicant must submit to FCC - separately from NCVEC Form 605 - a statement (the FCC calls it an “exhibit”) explaining the circumstances. Such applications will be held for a basic qualification review, something the FCC already does for other licensed radio services. The FCC’s Wireless Telecommunications Bureau has said that an affirmative answer to the felony question does not mean that an application will be denied automatically.

An applicant’s answer to the felony question and their exhibit will be publically viewable via the Universal Licensing System (ULS). The applicant can request that all or part of the exhibit be kept confidential, and it will not be visible to the public.

VECs will not handle exhibits and confidentiality requests; these must be filed with the FCC by the applicant.

Applicants must answer the felony question only when filing NCVEC Form 605 or FCC Form 605 for a New, Amendment, Modification (upgrade or call sign change), or Renewal/Modification (changes at renewal time). The question does not have to be answered if the applicant is filing a renewal or an administrative update (change of address, name, e-mail address, etc).

New NCVEC 605 Forms and an Applicant information sheet for use at ARRL Volunteer Examiner Coordinator exam sessions starting on August 21 have been published. VEC teams should discard all existing versions of the NCVEC Form 605; they no longer will be valid and cannot be used going forward.

The FCC has indicated that all VECs must begin submitting this additional data starting on September 7. NCVEC decided to make August 21 the effective date to accommodate mail schedules and the Labor Day holiday.

NCVEC Form 605 has not been revised since the Commission restructured Amateur Radio license classes 17 years ago.

## INFORMATION

### Do you know if all our ham friends are familiar with the fairly new cell phone technology "WiFi Calling"?

Most people are unaware that their smartphones have this capability. They may already use their cellphone and wifi for internet access, sending email, etc., but most still do not know that a relatively new technology/protocol called SIP/IMS allows the user to make and receive phone calls and to send SMS Text messages using their carriers network AND their own wifi service at home or while using a public wifi connection.

This service works great in areas that have minimal cell service and lots of dropped and/or incomplected calls.

It merely has to be enabled on any droid or iPhone. All the major carriers support WiFi Calling.

Jim Gray / K3USZ

## WHY ELDERS SMILE

### David Brooks

A few months ago, Ezekiel Emanuel had an essay in the Atlantic magazine saying that, all things considered, he preferred to die around age 75. He argued that they'd rather clock out with all his powers intact than endure a sad, feeble decline.

The problem is that if Zeke dies at 75, he will likely be missing his happiest years. When researchers asked people to assess their own well-being, people in their 20s rate themselves highly. Then there is a decline as people get sadder in middle age bottoming out around age 50. but then happiness levels showed up, so that all people are happier than young people. The people who rate themselves most highly are those between 82 and 85.

Psychologists who study this now famous U-Curve tend to point out that old people are happier because of changes in the brain. For example, when you show people a crowd of faces, young people unconsciously tend to look at the threatening faces but older people's attention gravitates towards everyone's. the happy ones.

Older people are more relaxed, on average. They are spirit some of the burden of thinking about the future. As a result they get more pleasure out of present, ordinary activities.

My problem with a lot of the research on happiness in old age is that it is so deterministic. It treats the aging of the emotional life the way you might treat the aging of the body: as this biological, chemical and evolutionary process that happens to people

I rather think that elder happiness is an accomplishment, not a condition, that people get better at living through effort, by mastering specific skills. I like to think the people gets steadily better at handling large challenges. In middle-aged, they are confronted by us stressful challenges they cannot control, like having teenage children. But, in old age, they have more control over the challenges they will tackle and make it even better at addressing them.

Aristotle teaches us that being a good person is not mainly about learning moral rules and following them. It is about performing social roles well – being a good parent or teacher with a lawyer or firm.

It is easy to think of some of the skills that some people get better over time.

First, there is bifocality, the ability to see the same situation from multiple perspectives. Anthony Kronman of Yale Law school once wrote, "anyone who has worn bifocal lenses it takes time to learn to shift smoothly between perspectives and combine them in a single field of vision. The same is true of deliberation. It is difficult to be compassionate, and often just as difficult to be detached, one is most difficult of all is to be both at once. Only with experience can a person learn to see a fraught situation with close-up, with emotional intensity and far away, with detached perspective."

Then there's likeness, the ability to be at ease with the downsides of life, in their book, "lighter as we go", Jimmy: Holland and Mindy Greenstein are you that while older people whose memory we also learn that most setbacks are not the end of the world. Anxiety is the biggest waste of life. If you know that you will recover, you can save time and get on with it sooner.

"The ability to grow later as we go is a form of wisdom that entails learning how not to sweat the small stuff." Holland and Greenstein right, learning how not to be too invested in particular outcomes.

Then there is the ability to balance tensions. In "Practical Wisdom" Barry Schwartz and Kenneth Sharpe are you outperforming many social roles means balancing competing demands. A doctor has to be honest but also kind. A teacher has to instruct but also inspire. You can find the right balance in each context by memorizing a rule book. This form of wisdom can only be earned by acquiring the repertoire of similar experiences.

Finally, experienced heads have intuitive awareness of the landscape of reality, a feel for what other people are thinking and feeling, and instinct for how events will flow. In "The Wisdom Paradox," Elkhonon Goldberg details the many ways the brain deteriorates with age: brain cells die, mental operations slow. But a lifetime of intellectual effort can lead to empathy and pattern awareness. "what I have lost with age in my capacity for hard mental work," Goldberg writes, "I seem to have gained in my capacity for instantaneous, unless unfairly easy insight."

It is comforting to know, for many, life gets happier with age. But it's more useful to know how individuals are better at doing the things they do. The point of culture is to spread the wisdom from old to young; to put that thousand-year-heart in a still young body.



## F.Y.I.

The November Program will be "Getting started with Amateur Satellites" --Steve / NS3L

The D.L.A.R.C. meets the "FIRST" Thursday of each month. Membership, friends and interested persons meet at the Bethlehem Township Community Center, 2900 Farmersville Road, Bethlehem, Pa. 18020 ) at 7:30 PM. Committee reports and announcements of all present and future activities will be presented at that time. Followed by that month's program.

## NORTHAMPTON COUNTY ARES, RACES AND DLARC NET

All Radio Amateurs are welcome to participate in the ARES, RACES and DLARC net. This net meets Wednesday at 1900 hours local time, on the W3OK Repeater 51.76, 146.70 and 444.90 ( pl 151.4 ). With an alternate frequency of 147.350 ( DCS 315 ) W3OI Repeater.

QCWA Chapter 17 holds a net Monday evenings at 8:30 PM on 3960 +/- depending on conditions. Other inputs are the 146.85 repeater, (151.4 PL) and Echolink at K2PM-R.

Mid-Atlantic D-Star Net meets each Tuesday at 7:30 PM. The following repeaters Dstar repeaters are available in the Lehigh Valley. W3OK -145.11000MHz -0.600 Port C – W3OI -147.16500MHz +0.600 Port C, – W3OI - 445.02500MHz -5.000 Port B All repeaters on the net are linked through **Reflector 020 port A**, so all stations checking into the net should make sure that they have *their local repeater call sign followed by the letter "G" in the eight position of the RPT2 field*. Otherwise, you will only be heard locally and not over the Reflector. Dongle users wishing to check into the net should Log On by connecting directly to Reflector 20, port A, rather than through your local repeater in order to conserve local bandwidth.

The OK Corral is an organization publication for the purpose of informing members of the D.L.A.R.C. of educational and training opportunities, club events, relevant news articles and a monthly calendar of daily activities, meetings and dates.

## EXECUTIVE COMMITTEE 2016 – 2017 OFFICERS

President – Bill Connelly - W3MJ ----- president@dlarc.org  
Vice President – Steve Harper / W3NAM ----- vicepresident@dlarc.org  
Secretary – Les Morrow / W3LES ----- secretary@dlarc.org  
Treasurer – Mike Gower / KB3LOD ----- treasurer@dlarc.org

## BOARD of DIRECTORS

Gabe Lantos / KZ2A ----- gpl-3639@gmail.com  
Dean Guth / AB3BD ----- babydean1@hotmail.com  
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Jay Mason / N3OW ----- n3ow@rcn.com

## PHONE NUMBERS FOR THE EXECUTIVE COMMITTEE OF THE DLARC CAN BE FOUND ON THE WEBSITE / MEMBERSHIP LISTING CLUB MEETINGS

All regular meetings of the D.L.A.R.C. Are held on the first Thursday of each month at 7:30 PM at the Bethlehem Township Community Center  
TALK IN ON 146.700 (PL 151.4 )

## THE W3OK TRUSTEE --- Barry Vogt / N3NVA

**The W3OK Corral is published monthly and is the Official Publication of the  
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