

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
FEBRUARY 2013



W3OK

CORRAL

**Club Meeting February 6th, 7:30PM At the
Bethlehem Township Community Center**

FEBRUARY MEETING PROGRAM

**“ The History of Bethlehem's Sun Inn “
“Bucky” Szulborski**



JANUARY PROGRAM – ELECTRICAL ASSEMBLY AND AUTOMATIION - Paul / N3YNT



MINUTES FROM THE JANUARY MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on January 8, 2014, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania

Call to Order: Jay Mason / N3OW, President, called the meeting to order at 1930 hrs.

Pledge of Allegiance: Led by Jay / N3OW

Member Happenings: Jay / N3OW asked if anyone had any ham-related activities they wanted to share. Ray / W3TDF operated in the 160 meter contest a few weeks ago. Jay / N3OW operated in the RTTY Roundup last weekend and was glad to see all the activity.

Approval of the Minutes: John / NT3P asked if there were any errors, additions or corrections to the minutes as they appeared in the last newsletter. Hearing none, he asked for a motion to approve the minutes of the last meeting.

Motion: It was moved by Doreen / K3PDL, second by Steve / KB3WYJ to approve the minutes as presented.

Motion carried.

Approval of the Treasurer's Report: Mike / KB3LOD presented the Treasurer's Report.

Motion: It was moved by George / N3SQD, second by Ron / K3BKT to approve the Treasurer's Report as presented.

Motion carried.

Club Station Report: Al / W3CE reported a computer was purchased for use with the Club's Kenwood TS-590 using soda fund proceeds.

Club Repeater: Jay / N3OW asked if there were any issues or problems with the repeater. Al / W3CE reported that the 6 meter input is not working.

JT65 Presentation: Al / W3CE has recently started using JT65-HF. JT65 is a mode that was originally developed for EME and has been adapted for HF use. Since Christmas Al has worked 36 counties and 28 states with 20 watts. Over 50% have been verified on LoTW. Al will be giving a demonstration at the club station next Wednesday night. Al would like to see a "To Be Announced" slot in the monthly programs to accommodate a fast-breaking trend. Pete / NL7XM asked if Al could fill in if there was a cancellation this year. Pete also suggested that an activity night might be more conducive to a hands on demonstration similar to the activity night W3OI holds.

Website Report: No issues were reported.

Membership Report: George / N3SQD reported that there was one application for membership this month. Joe Treichler / K3FSH.

Motion: It was moved by Carl / AA3IX, second by George / N3SQD to accept the new member. **Motion carried.**

Licensing Classes: Bob / KE3AW both the Technician and General will be stating again March 4 and asked everyone to pass the word around.

Public Exposure for Amateur Radio: Jay / N3OW explained that the Club will be trying to increase public exposure for amateur radio and will be trying to get one of the ARRL public service announcements on a local television or radio outlet.

Location Field Day and Club Picnic: George / N3SQD reported that Pavilion 5 at Louise B. Moore County Park has been reserved for field day on June 28-29 (the fourth full weekend in June) and for the Club picnic on Sunday, August 31.

Visitors/Guests Present: Al / W3CE announced that Dave Fuchs was a guest at the meeting and that Dave would be taking Technician test this Friday

VE Test Session: George / N3SQD reported there will be a VE test session this Friday. A few people have already signed up.

Adjournment: There being no further business before the Club, Jay / N3OW asked for a motion to adjourn.

Motion: It was moved by Doreen / K3PDL, second by George / N3SQD to adjourn. **Motion carried.**

The meeting was adjourned at 1945 hrs.

Respectfully submitted by John / NT3P, Secretary

VE TEST SESSION

There will not be a test session this month. The next session will be March 7th 7:00 PM at the Northampton County 911

Center. Pretest registration is required. Contact George / N3SQD at george@bioserv.com or Al / W3CE at w3ce@arrl.net.

FEBRUARY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3 QCWA Net 8:30 PM	4 D-Star Mid – Atlantic 7:30 PM	5 DLARC Net (KC3II)	6 DL ARC MEETING	7 NO VE SESSION	8
9	10 QCWA Net 8:30 PM	11 D-Star Mid – Atlantic 7:30 PM	12 DLARC Net (N3SQD)	13	14	15
16	17 QCWA Net 8:30 PM	18 D-Star Mid – Atlantic 7:30 PM	19 DLARC Net (KB3CTX)	20 DLARC BOARD MEETING	21	22
23	24 QCWA Net 8:30 PM	25 D-Star Mid – Atlantic 7:30 PM	26 DLARC Net (K3PDL)	27	28	



FEBRUARY CONTESTING AT THE OK CORRAL

FEBRUARY 1 & 2 – 10 – 19 Int. Winter Contest - SSB
 FEBRUARY 8 & 9 – CQ WW RTTY WPX Contest
 FEBRUARY 15 & 16 – ARRL Inter. DX Contest - CW
 FEBRUARY 22 & 23 – UBA DX Contest – CW



NEW MEMBER

The DLARC is continuing to grow, so be sure to greet our new members, shake their hands, and give them a warm welcome to our club. The newest member is Joe Treichler / K3FSH.

THE MARCH PROGRAM IS NOT A SPECTATOR EVENT

It's a **PARTICIPATION** Event and **YOU** are the **STAR!**

You don't even have to be a licensed ham to play!

Build any kind of contraption that will key a (provided) code oscillator. Simulated straight keys, iambic paddles, sideswipers; whatever! The more elaborate or ridiculous, the better! We will provide several connector configurations for you to attach to your "Wacky Key," even alligator clips to your terminals if that's all you have.

The **WACKIEST KEY WINS!!** Put your silly engineering alter ego to work and construct a Rube Goldberg device. Carry, drag, or wheel it in if you have to. No limits; just don't scratch the floor!
 Imagination, originality, and **HUMOR** are going to determine the outcome!

There are simple 4 rules:

- 1) Real, manufactured keys are prohibited.
- 2) It has to actually function by activating a circuit that will trigger oscillator audio.
- 3) It must demonstrate the ability to send your Callsign legibly, or just a simple "CQ."
- 4) Your Wacky Key must be original, and not be identical to devices previously entered in similar contests found e.g., here: <https://sites.google.com/site/oh6dccw/strangeckwkeys>

Winners determined by popular vote, (determined by judges) and prizes will be awarded!

Direct all questions in advance to KB3CTX and NL7XM.

Invite friends to participate and anyone who likes to laugh! See you there!

de NL7XM

DELAWARE LEHIGH AMATEUR RADIO CLUB inc.

Technician and General Class License Classes

Tuesday Evenings 7 to 9 PM.

March 4th to run approximately 9 weeks, a test session to follow at the class location.

Location to be named at a later date

Contact Person

BOB GREEN ke3aw@arrl.net 610 432-8286

JANUARY MEETING REPORT

“ Electrical Assembly and Automation “ - Paul / N3YNT

While bad weather delayed this program for a week, it was worth the wait. Paul began with the different methods used to connect components to circuit boards. Using slides and sometimes videos, Paul Showed how in the past components were mounted by hand, a method which was a slow and tedious process. He showed the latest methods in which computer controlled robotic units would insert the components at higher rates than were ever possible by hand. Also the modern equipment was able to do the quality tests these boards. Paul finished up with how these processes have moved out of the United States and in to the Far East. Paul finished with a question and answer session.

MEMBERSHIP DUES ARE DUE!

It's that time, already! DUES are payable for the calendar year 2014. Here's how easy it is to remit your club DUES and keep your valuable D.L.A.R.C. Membership current. Whether in person or by mail, **CHECKS made payable to the D.L.A.R.C.** are the preferred method of payment to more accurately record your timely renewal. Please ensure that your callsign appears somewhere on the instrument, such as in the memo field. Paying with cash is discouraged, but if you really, *really* have to, kindly make certain you are prepared with the correct sum according to the rate table shown below. Remember, if your DUES are not paid by February 1st, your membership will expire.

2014 DUES Rates / No Changes

Regular Membership 18-64 years of age:

Jan. - Dec.\$17.-

65 and over, or retired from all forms of employment (no age limit)

Jan. - Dec.\$12.-

Additional Family member
each \$3.-

Associate Individual Membership
\$10.-

You are strongly encouraged to MAIL your DUES so that I may conduct the bulk of the record-keeping duties apart from where I believe you deserve the most of my attention. In person at Club Meetings, I'd prefer to answer your questions, address your concerns, and welcome your thoughtful revenue raising and savings ideas. Therefore, it is firmly advocated that DUES correspondence be mailed to:

Michael J. Gower

1511 Shelbourne Drive

Bethlehem, Pa. 18018

Enclosing a S.A.S.E will bring your new membership card back to you immediately if you can't attend the next Meeting where they are routinely distributed. You may write to me anytime with questions regarding DUES, or to discuss issues that you believe are my responsibility at: Treasurer@dlarc.org Include your phone number if you prefer a live reply.

de Mike / KB3LOD, DLARC Treasurer

HARD COPY SUBSCRIPTION

You must sign up if you want a hard copy newsletter subscription. The rate is \$12, this is exclusively for the newsletter only, to cover printing and mailing. The price of maintaining a Bulk Mailing Permit is too expensive to justify with the size of our membership, thus the first class postage requirement. This will squarely cover the cost of paper and printing supplies for 12 issues. To subscribe contact Pete / NL7XM at nl7xm@arrl.net

EARLY RESULTS 2013 PA QSO PARTY

12 Members scored 686,418 points

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



JANUARY BRAINTEASER ANSWER

552

The winner is Mark / W2MB



FEBRUARY BRAINTEASER

You have two hourglass type timers, in which Sand flows from one chamber to the other. One is a 4 min. timer and the other is a three-minute time. How would you accurately measure a period of 5 min. with these timers?

FOR SALE FOR SALE FOR SALE

System to raise and lower a Rohn 45 tower that held several very large ham yagi antennas and the ends of many wire antennas. The walking "gin pole" is a horizontal 50 foot section of Rohn 45. One vertical tower was 105 feet long. They were connected with guy wires at three levels, around 100 feet, 70 feet, and 40 feet. The two sections are attached to regular Rohn base plates. They are welded together in a 90-degree angle. The walking gin pole functions as a lever to raise and lower the antenna tower. Two 2" square bars about 2 feet long are welded to the plates, and extend a few inches past the plates. Two similar 2" square bars about 2 feet long are in the concrete tower base, and are welded to a fabricated and welded rebar cage inside the concrete base. The two sets of square bars have holes drilled through them and are connected with 3/4" bolts, that act as hinges. The first 10-foot section of the horizontal Rohn 45 tower is braced to the first 10-foot section of the vertical Rohn 45 tower with four sections of welded 2" angle irons. I have another identical Rohn 45 tower installation that is 80 feet tall and has a 40-foot gin pole. It uses the same system. I do not remember what that systems cost. I used salvaged steel, and most of that installation cost was in labor for fabricating and welding. I would like to sell two of the lay over units, each including the two sections of Rohn 45, two base plates, and angle iron. Preferably, the buyer would buy the system and use it as made.

The winch is a Beebe International W-200-5, 3,000 pound rating. I believe it has a 25:1 gear ratio. It has a removable manual handle. I believe Beebe is no longer manufactured. Ingersoll Rand owned Beebe, but it is out of business. The closest replacement I found is a Thern brand model 482, with a 26:1 gear ratio, 4,000 pound rating, and 300 foot 1/4" cable capacity. Grainger sells it for \$1,524, item no. 3DNZ8.

The Beebe winch is connected to a portable Sweeney 5:1 gearbox with a 3/4" input and 1" output. It has a 2,000-pound capacity. I cannot find a similar gear box for sale. I called Hydratight, 1-800-569- 6807, which is a Sweeney dealer and repair service. They are not familiar with this model. I found no model number on it. The Hydratight representative guessed a new similar gearbox would sell for a few thousand dollars! I will continue to shop around for more information. I bought it surplus from a machinery dealer, and did not pay new retail price. It cost me \$150 in 1990, so at today's prices it is worth about \$250.

150 feet of 1/4" diameter aircraft style galvanized wire rope is wound on the winch. It has a breaking strength of 7,000 pounds. When the tower is laid over, the cable goes to the top end of the gin pole, through a snatch block, and back to the anchor, a steel frame mounted in concrete holding the gearbox. www.Amazon.com sells similar wire rope for \$551.07 for 250 feet, \$0.60 per foot. It is their part number B0038YY358. Prorated, 150 feet would cost \$331, if they sold short lengths.

I power the winch with a Makita 1/2" drill, which is not for sale. You can buy any 1/2" drill. Coupling the drill to the Beebe winch, I use the Sweeney gearbox. It has 3/4" input.

I had a custom "drill bit" made with a 1/4" square coupler that slides over the Sweeney input. It cost me \$25 in 1990. It would probably sell for \$40 today. Coupling the Sweeney gearbox to the Beebe winch I had a custom 1/2" to 3/4" adapter made. It cost me \$10 in 1990. My guess is that it would cost \$20 today.

As explained above, the wire rope goes through a snatch box on the "gin pole". I used a B-Special drop side snatch block, model 733- 9764. It has an 8,000-pound capacity. I cannot find B-Special listed anywhere. It cost me \$108 in 1990. I did find other brands of similar capacity for about the same price. They are imported, whereas the B-Special was American made, which explains the same price today. I added an anchor shackle 5/8" screw pin, with a 3 1/4-ton capacity, to hang he snatch box from the "gin pole". Remember the gin pole is actually Rohn 45 tower. It is worth about \$10. The winch, wire rope, gearbox, couplers, snatch block, and accessories are part of a system, and I want to sell them as a package.

90 feet of the 105 foot Rohn 45 tower and 40 feet of the 50 foot Rohn 45 horizontal tower section (gin pole) have been sold. 70 feet of the 80-foot tower and 30 feet of the 40-foot horizontal section are for sale now.

The 80-foot tower has a 23 foot, 1/2 inch wall, chrome moly 4130 steel mast, which easily handles three stacked yagis, currently 15 and 10- meter long boom yagis, and a UHF yagi. The same type mast easily held a three element 40 meter Telrex full size yagi and a 5 element Hygain 205CA yagi, on the 105-foot tower, despite hurricane force winds. One of the two masts has been already sold.

I also have another Rohn 45 fold over tower system for sale. I have ceramic insulators, guy anchors, preforms, 1/4" guy wire, turnbuckles, etc. for sale.

I also have several Hygain Ham II and Taittwister rotators and control boxes for sale. I have many parts, hardware, antenna current baluns, 1/4" Dacron rope, pulleys, shackles, etc. for sale. I have thousands of feet of 7/8" diameter Prodelin 50 ohm hard line for sale, \$1.999 per foot. I have many connectors for sale to hard line buyers only. They are hard to find. Some were manufactured by Prodelin. Others were custom manufactured by a local machine shop. Talk to me regarding those details.

If you are interested in the above system, please call me, and make an offer. If you are not interested, please spread the word to other hams. I am downsizing and disposing of my ham contesting and DXing station. These antennas and towers played fabulously, but I am too old and weak to continue rigging and maintenance.

After posting the above for sale, I had some inquiries that I answered as follows. The additional description might help you understand what is for sale and how it works.

I am selling the winches and gearboxes, but would also like to sell the two units for laying over the towers. I will take photos and send them to you soon. I am rarely home during daylight hours. We just had 15 inches of snow melt, so I have access to the tower bases. Where are you located?

Each unit has two sections of Rohn 45 welded together in an L shape. In turn, the vertical section is attached to the standard Rohn base plate through its tubing. The horizontal section is welded to the base plate. The vertical and horizontal sections are then braced by two angle iron sections as diagonals, welded from section to section, to form a triangle.

Next, I welded two 2" bars horizontally on the base plate, extending about 2" beyond the edge. I inserted two more 2" bars vertically in the concrete base before it set. The vertical bars were in turn welded to an iron rebar cage inside the concrete. I ran thick bolts with washers and nuts through the bars to act as hinges. I added grease fittings to the bars to lubricate the hinges.

When assembled, one tower stood 105 feet tall and the horizontal section of Rohn 45 was 50 feet long. The other similar tower was 80 feet tall with a horizontal section 40 feet long. The 23-foot masts extended about 13 feet out the top, so they could each hold two or three yagis. The horizontal section is known as a walking gin pole. When laid over the 50-foot section stood vertically with the pulley attached and winch cable run through it back to the steel base for the winch. That gave me a 2 : 1 ratio for raising, thus reducing the load in half.

The system works slick with no problems. I can raise and lower the towers with many antennas attached all by myself. The only obstacle is occasionally the moving guy wires at the sides get tangled in nearby brush and tree limbs, which I keep trimmed. It helped to have my loyal wife walk around while the tower was going up and down to watch for any problems.

I lowered the towers so the longest yagi boom rested about a foot above the ground. As a safety measure, I rested the top end of the tower on a scrap piece of short tower. That way I could walk or climb on the tower without fear of it dropping or swaying. Then, I laid extension ladders against the now horizontal mast or tower to work on the rotator, yagi, guys, wiring, etc., near ground level, rather than climbing 100 plus feet into the air. That was great especially in the winter when the wind chill could be near zero degrees!

As an extra safety measure, I also ran an extra cable from the winch end to the now vertical end of the gin pole section of tower, so it was stretched tight when the now horizontal section of tower was at the one-foot level. Thus, when cranking the tower over, I did not have to worry if I lowered it too far and crushed the yagis.

The packages that I advertised include the four pieces of Rohn 45.

Separately, I have for sale the 80-foot tower with its 40-foot horizontal sections. That means I have 70 plus 30 feet of Rohn 45 for sale, along with one chrome moly 4130 steel, 1/4" wall, 2" OD, 23 foot long mast I also have two Rohn thrust bearings on the tower.

I also have a Hygain Taittwister rotator on that tower for sale. I have additional Hygain Ham II rotators for sale. Plus, I have many parts left from my multi-multi contest station operation and construction. I am trying to liquidate all, to downsize and simplify my life. If you visit to purchase the tower lay over system, tower sections, mast, etc., I can show you the other accessories.

73, Bill

William N. Goodman, CPA -- K3ANS

Residence: 765 Young's Hill Road, Easton, PA 18040-6726

Home telephone: 610-258-5063 Office telephone: 610-253-2745 Fax: 610-253-9773

Cell phone: 484-241-6176

E-Mail: wgoodman@goodmancpa.com or: k3ans@arrl.net

REDNERS' SUPERMARKETS SAVE-A-TAPE PROGRAM

Here's how it works:

Redner's has a terrific program to support the Club **AT NO COST TO THEM**, if our members simply sign up for a Gas Card that records their shopping points, and give their cash register receipts to, **Pete / NL7XM**, He'll do the rest.

Note: This does not affect your gas points in any way.

HELP THE ENVIRONMENT

Donate your old, empty printer ink cartridges to the Club for recycling. Any brand, model, size or shape; color or black. Please bring them to the meeting in a leak proof ziplock type baggie and give them to Pete / NL7XM. This simple act can help your Club by reducing recurring expenses, and make you feel a lot better about our environment.

WEBSITE OF THE MONTH

Confused about all those Safety Agency proof marks on those components and appliances? This descriptive list should help.
<http://www.jameco.com/Jameco/marketing/agency-symbols.html>

TOKYO HY-POWER FILES FOR BANKRUPTCY

Tokyo Hy-Power, a manufacturer of Amateur Radio amplifiers, antenna tuners, and other equipment, is in bankruptcy, and its plant, in Saitama Prefecture near Tokyo, has been shuttered. Telephones at the company no longer are being answered, and its Japanese website has been taken down, although the company's US website remains working. Company CEO/President Nobuki Wakabayashi, JA1DJW, founded Tokyo Hy-Power Labs in 1975. He blamed "the recent depression in the industrial RF power products area [which] has led to the very difficult financial position."

Tokyo Hy-Power's early products were HF antenna couplers, although within a couple of years it began manufacturing amplifiers for the Amateur Radio market, including solid-state mobile amplifiers. Among its early products was the HL-4000 linear amplifier, which the company claimed was "the first real HF band high-power linear of its kind in Japan." It has been manufacturing RF products for the industrial market since 1984.

The company also once marketed the HT-750, a portable, low-power SSB/CW transceiver for 40, 15, and 6 meters in a hand-held transceiver form factor. At Dayton Hamvention® 2013, the company displayed a prototype of the XT-751, an advanced model it hoped to develop, covering 40 through 6 meters and with an internal antenna tuner. Among its latest products were solid-state HF amplifiers, as well as amplifiers for 6 and 2 meters.

In a December 26 news release, Ham Radio Outlet reacted with "disappointment" and said it was "deeply saddened" to learn that Tokyo Hy-Power had gone into bankruptcy.

"This action in Japan appears to be similar to a Chapter 7 action here within the United States, as the process in this case appears to be the liquidation of organizational assets in order to attempt to fund some portion of its debt obligation(s)," the HRO release said. "This appears to indicate that a court has deemed the organization unable to be effectively reorganized under Japan's Civil Reconstruction Code."

HRO said it was working with **AVSL**, the current US service provider for Tokyo Hy-Power products "to discuss the opportunity of continued maintenance at the component level of the US-sold Tokyo Hy-Power line of amplifiers." HRO also said it's been in touch with the former US Tokyo Hy-Power representative Tom Rum, W5RUM, about providing telephone support — which will continue at least through January.

HRO said it has not been in direct contact with Tokyo Hy-Power regarding the bankruptcy and learned about it via the news media.

AMATEUR RADIO SHOWING STEADY GROWTH IN THE U.S.

The Amateur Radio population in the US continues to show steady growth, according to statistics compiled by Joe Speroni, AH0A. As of the end of 2013, the FCC database showed 717,201 licenses in its Universal Licensing System (ULS). That's the greatest number of US hams ever, and it's up from 709,575 in December 2012. The volume of Amateur Radio applications slowed somewhat to 141,943 from its zenith of 176,826 in 2007, the year the FCC dropped the Morse code requirement.

"The three current license classes also peaked at the end of 2013," notes ARRL VEC Manager Maria Somma, AB1FM. "FCC-issued club station licenses are also at an all-time high in the FCC database at 11,363. The number of new licensees has increased by 7 percent over last high in the FCC database at 11,363. The number of new licensees has increased by 7 percent over last year -- 28,886 in 2013 and 27,082 in 2012."

The breakdown by license class shows Technicians as the largest group, at 349,163, followed by Generals at 167,257, Amateur Extras at 133,391, and Advanced licensees at 54,293. Slightly more than 13,000 Novice licensees remain on record too. The FCC no longer issues the Novice or Advanced class license. Technician numbers have grown by 8.2 percent over the past decade, with an impressive comeback since 2007 after the population had plummeted from a peak of 338,334 in March 2000. The General class population has risen by slightly more than 18 percent over the past 10 years. But the Amateur Extra class has shown the most remarkable growth over the past decade, climbing by slightly more than 27 percent. While Amateur Radio application volume slipped somewhat overall, that was not the case at the ARRL VEC. "ARRL VEC served 34,896 exam applicants in 2013, up slightly from 32,866 in 2012," Somma said. "July will mark 30 years that ARRL VEC has been certified by the FCC to administer Amateur Radio exams. We're delighted to celebrate our important milestone in the same year as the ARRL's Centennial celebration and look forward to the promise of another record year."

WEDNESDAY NIGHT NETS

Additional Net Controls are needed for the Wednesday Night ARES, RACES & DLARC net. If we have enough interested operators, it will only be necessary for each operator to have only one net session in each three month period. Actually 13 weeks in a period, so 13 net controls would be ideal, and maybe some extras to fill in if needed. This would give us a pool of experienced controls, for any emergency which would arise. Interested operators should contact Don / KC3II at kc3ii@arrl.net. The NIMS IS-700 and ICS-100 courses are not required to be a net control, but should the need arise and we do supply controls and operators for real emergencies, then the courses requirement will be in effect and EMA issued IDs will be needed to be on the scene of an emergency.

F.Y.I.

The January prize winner was Dave / N3LWY

The March Program will be "The Wacky Key Contest" - Ben / KB3CTX

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.

The EASTERN PENNSYLVANIA District 2 ARES Net meets every Wednesday at 1930 hours local time. (Just after the DLARC Net) On 147.255 (pl 162.2). And linked to 449.375 on Blue Mountain, 443.350 in Allentown and 147.180 in Berks County.

QCWA Chapter 17 holds a net Monday evenings at 8:30 PM on 3960 +/- depending on conditions.

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.

The Clubhouse telephone number is 484-895-7038.

**EXECUTIVE COMMITTEE 2012 – 2013
OFFICERS**

President – Jay Mason / N3OW ----- president@dlarc.org
Vice President – Dave Blankenship / N3EYT ----- vicepresident@dlarc.org
Secretary – John Barbaz / NT3P ----- secretary@dlarc.org
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**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
DELAWARE LEHIGH AMATEUR RADIO CLUB INC.**

**14 Gracedale Avenue
Nazareth, Pa. 18064-9211**

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 147.370 (167.9) W3OI Repeater.

THE NEWSLETTER STAFF

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