

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
MARCH 2014



W3OK

CORRAL

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

MARCH MEETING PROGRAM

**“ Wacky Key Contest ”
Ben / KB3CTX**



**BETHLEHEM'S SUN INN
“Bucky” Szulborski**



FEBRUARY MEETING MINUTES

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on February 6, 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 1934 hrs.

Pledge of Allegiance: Led by Jay / N3OW

Member Happenings: Barry / KU3X likes QRP and started working counties QRP on January 14. So far he has worked 37 counties at 5 watts and 62 QSOs at 100 mw. He also purchased a fully loaded Elecraft KX3 transceiver. Mark / W2MB related how Pete / NL7XM located a W2MB QSL card from 1937. Mark has replicated the design and will be using it for his QSL card. Pete / NL7XM showed a throw pillow decorated with images of car license plates of amateur radio callsigns that he received as a gift from his wife.

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 Ed / AA3OU, second by Mark / W2MB 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 Doreen / K3PDL to approve the Treasurer's Report as presented. In the discussion that followed, Pete / NL7XM explained the item for mailing the hard copy of the newsletter was the cost of mailing one full year's worth of newsletters at \$1/month. **Motion carried.**

Club Station Report: Al / W3CE recently gave a demonstration of JT65-HF at the club station. The recent inclement weather and broken heater limited activities at the club station. It was reported that Barry / N3NVA repaired the heater at the club station.

Club Repeater: Jay / N3OW noticed there was a 60 Hz hum on the repeater and asked if anyone wanted to report any additional issues or problems with the repeater. No additional items were reported.

Website Report: No issues were reported.

Membership Report: George / N3SQD reported that he had membership cards for those who have paid their dues and to see him for the cards. Next George reported there were three applications for membership this month. Michael J. Schaffer / KA3JAW, Roy A. Preuninger / KC3AHT, and Michael Mandell / KC3BLF.

Motion: It was moved by Pete / NL7XM, second by Steve / KB3WYJ to accept the new members. **Motion carried.**

Licensing Classes: In the absence of Bob / KE3AW, Pete / NL7XM reported that both the Technician and General classes will be starting again on March 4 and continuing each Tuesday for nine weeks. Pete had contact information for Bob for anyone who would like to contact him about the classes. Classes will be held at the Northampton County 911 Center from 7 to 9 PM.

Pa QSO Party: Pete / NL7XM reported that the local chapter of the Quarter Century Wireless Association will be the bonus station for this year's Pa QSO Party. The plan is for a multi-multi-operation with multiple operators in multiple counties. QCWA will be using Ray's callsign, W3TDF, to celebrate his 90th birthday this year.

VE Test Session: George / N3SQD reported the next VE test session will be next month, the Friday after the March meeting

March Program – Wacky Key Contest: Pete / NL7XM informally polled the members to see who would be participating in the contest. There will be a code oscillator at the meeting. The basic rules are that the key is to be an original design. It can be made of anything, but must function (able to close a circuit that will trigger oscillator audio and able to send a simple legible CW message such as your callsign, or a simple "CQ"). Complete rules are on the Club's website (www.dlarc.org). Pete emphasized this program is a participation event and will be enjoyable if many people enter.

Field Day Chair: Jay / N3OW announced a Field Day Chair is needed to head up organizing the event this year. This year Field Day is June 28-29 (the fourth full weekend in June). Stephanie / WX3K volunteered to be the Field Day Chair.

Club Station QSL Manager: Jay / N3OW announced the club needs a QSL Manager. The person would have to check for QSL cards every few weeks at Gracedale and then process QSL cards for QSO's that are in the log. Please see Jay or any Board Member or Club Officer if you are interested.

Other Business/For the Good of the Order: Before adjourning, Jay / N3OW asked if there were any other matters for the Club. Bill / K3ANS recounted some difficult news about the health of a member and the member's spouse and asked that we keep them in our thoughts and prayers.

Adjournment: There being no further business before the Club, Jay / N3OW adjourned the meeting. at 1955 hrs.

Respectfully submitted by John / NT3P, Secretary

Silent Key

***The D.L.A.R.C. Wishes to honor and to express its
sadness at the passing of a club member or
former club member.***

Sherry Lee Hancik / KA3SCS

MARCH 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 (KB3WYJ)	6 DL ARC MEETING 7:30 PM	7 VE SESSION 7:00 PM	8
9	10 QCWA Net 8:30 PM	11 D-Star Mid – Atlantic 7:30 PM	12 DLARC Net (NB3R)	13	14	15
16	17 QCWA Net 8:30 PM	18 D-Star Mid – Atlantic 7:30 PM	19 DLARC Net (W3CE)	20 DLARC BOARD MEETING	21	22
23	24 QCWA Net 8:30 PM	25 D-Star Mid – Atlantic 7:30 PM	26 DLARC Net (KC3II)	27	28	29
30	31 QCWA Net 8:30 PM					

MARCH CONTESTING AT THE OK CORRAL

MARCH 1 & 2 – ARRL Int. DX Contest - SSB

MARCH 8 & 9 – EA PSK64 Contest

– AGCW YL CW Contest

MARCH 15 & 16 – Russian DX Contest

- F9AA Cup - SSB

MARCH 22 & 23 – Oklahoma QSO Party

- Louisiana QSO Party

MARCH 29 & 30 – CQ WW WPX Contest – SSB



NEW MEMBERS

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 members are Michael Schaffer / KA3JAW, Roy Preuninger / KC3AHT and Michael Mandell / KC3BLF.

VE TEST SESSION

There will be a test session this month on March 7th at 7 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.

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.

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

FEBRUARY BRAINTEASER ANSWER



Turn both Timers over at the same time. When the 3 min. timer runs out there is 1 min. left on the four-minute time **so start counting time there.** when the four-minute timer runs out flip it again. When the four-minutes have run out again, **end counting time there.** It will be 5 min. from start to end.



The winner is Andrew / WV1B

MARCH BRAINTEASER

2 mints. Plus 3 cookies cost 39 cents 3 mints. and two cookies cost 36 cents

How much does one cookie cost?

THE MORAVIAN SUN INN

The 1758 Sun Inn was a successful 18th-century inn, constructed by the leaders of the Moravian community at Bethlehem. The inn provided accommodations for merchants who had business with the community while maintaining a proper separation between the Moravian brethren and outsiders. Because of Bethlehem's proximity to Philadelphia, the Inn housed numerous figures famous in colonial politics, including Generals Gates, Mifflin, and Sullivan, John Hancock, John Adams, Samuel Adams, the Marquis de Lafayette, and George Washington. Bethlehem served twice during the American Revolution, as medical headquarters for George Washington's forces. Following the Battle of Brandywine, over 900 wagons, containing heavy baggage and stores of George Washington's army, were parked in the lowlands to the rear of the Inn. At this time the Sun Inn was heavily burdened by the influx of those individuals fleeing the Philadelphia area in the aftermath of the battle. Another reason for the attraction of so many well-known figures was its high quality of accommodations. In 1782, a traveler expressed his happiness with the Inn by saying that it "is not inferior to the best large inns of England". In 1799 the Inn served as the prison for 17 local "Freis rebels" resisting the unpopular window tax. The original Sun Inn, built in 1758, was a two-story stone building with a mansard roof. In 1826, extensive repairs to the roof were required and a third story, containing 17 rooms, was added. In 1866 the building was enlarged for a hotel and commercial use and bears little resemblance to the original inn.

Sun Inn Secretary, Richard "Bucky" Szulborski

EPA ANNOUNCEMENT

It is with regret that I report to the section that our Public Information Coordinator (PIC) for Eastern Pennsylvania, Lloyd B. Roach, K3QNT, has resigned his PIC post in view of his move to Western PA. While he will surely continue to be active and likely participate in ARES from his new home in Bedford, PA, Lloyd and his wife Jacqueline left Chester County near year's end, handing the keys to their five acre residence of 30 years in the Brandywine Valley over to a lucky young couple and began the three hour plus drive to their new home as I waived good-bye. Lloyd has already planned for a tower and even had a dipole up at his new home.

Lloyd is known to many of you as a broadcast professional, radio station owner and public relations expert in the good old style. Most of all, Lloyd, an old Navy radioman, is an amateur radio operator in the best tradition. Serving his long time home through Chester County ARES, he was given recognition by the Department of Emergency Services there and honored recently by the county board of commissioners for his service through amateur radio and as emergency manager for several Chester county townships. We now have another friend in the WPA section. We'll be hearing more from Lloyd I'm sure.

Lloyd will be hard to replace, but I need to try. We will need a new section PIC. You can check the requirements and duties at the League's web site. Requirements include professional public relations and journalism experience, or similar education and background in dealing with the media. Anyone interested? Send me your CV or resume and let's talk. Good public relations is more important to us now than ever. Your section needs you.

I'll see you on the radio. 73

Bob Famiglio, K3RF EPA SM

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.

DRAIN PIPE PASSING THROUGH TOWER FOUNDATION

Bill / K3ANS found this exchange on a tower website. He felt that this would be interesting for all tower owners.

-----Original Message-----

I'm installing a base foundation for a US Towers HDX-555. The base will be 5' X 5' X 7.25' per specs. The rebar will be per specs. Concrete will be 4000psi in 28 days. The soil is moist, very firm, and no water is seeping into the hole. After excavation began, I found a 6" white PVC drain pipe (rainwater run-off drainage, not sewer) that runs across one corner. The drain pipe is about 1.5' below grade and runs at about a 30-degree angle across one corner. Total length of pipe exposed (in the base foundation) is about 4'. The rebar "cage" can be built per specs around the pipe. The pipe can be relocated, but it will require considerable extra digging and the soil around the affected corner will no longer be undisturbed. Should I relocate the drain pipe or pour concrete around it?

Marsh, KA5M

----- Answers-----

Not wrong . I have a bit of experience in the matter. I have seen structures fail from a leaky unpressurized sewer pipe that was fine when they built it. The top 1.5 feet will provide so little lateral support that it really not matter. If you do leave it in place keep in mind that you are taking on greater risk. My experience as a foundation engineer says move it.

I come across this situation all the time. Anytime someone wants to build an addition or where there used to be a structure I tell them specifically to move or remove any utility that is within the footprint of the foundation. The only caveat is anything larger than 6 inches they can abandon and fill completely with 500 psi grout. Its nearly impossible to fill anything smaller with a sufficiently strong grout.

I can think of at least 100 different cases where a structure has sustained significant damage from a utility that broke because of an imposed foundation load which I have personally been involved with. If you do leave it in place the foam could compress and break any plastic pipe. I have seen that one too. Just ask the guy in Carefree, Arizona who spent 500k on a brand new house and the water line broke where they put it "through" the foundation for his kitchen island sink. They wrapped it in foam insulation which compressed as the foundation settled and then the pipe broke. 34K gallons of water into the subgrade. Water is expensive in AZ. So was fixing the foundation that settled 3 inches and the slab that lifted up 2 inches Over 100k all said and done. That is an extreme case.

I have tons of horror stories. I only hear about the failures so there may be many successful installations with pipes through the foundation I am not aware of. Do what you want. Just know that I would not put my stamp on any document allowing someone to pour a foundation with an active wet utility running through it. Abandoned and grouted maybe. But not active. And I have never met a soils or foundation engineer who would. There is too much risk. If it were my tower I would move it.

Brian / KF7OVD

The answer to your question is neither ! No need to relocate the drain, but don't pour concrete directly around it either. What you should do is surround the exposed pipe with a firm but compressible material, and then pour the concrete. The material could be a dense foam for instance. Alternatively get a piece of larger plastic pipe, split it length ways and place it around your drain with some spacers. The intention is to isolate the drain from small movements in your concrete base. Also, if you need to replace the drain at a later date, it will be much easier.

This is what I would do in a domestic situation. I'm assuming your building codes in the US don't have a specific requirement.

John / G4ZTR

Wrong. No way water that isn't under pressure (it's a passive drain pipe) is going to make the soil around his foundation any wetter than it would normally get being only 1.5 feet below the surface. KA5M should do what G4ZTR says ... wrap the drain pipe with something forgiving (the thin foil-backed foam you can get at Lowes or Home Depot for insulating duct work is cheap and would work fine) and just pour the concrete around it. That would be MUCH better than tearing up the soil around the foundation.

Dave / AB7E

HAM RADIO ITEMS FOR SALE

Rich Shevalier / N3NXF a former DLARC member is selling the following equipment because he is no longer active.
Bencher Keyer Paddles

Yaesu FT-990 Solid State HF radio and attachments

FT-990 with optional TCX02 Installed

MD – ICB Dynamic Deck Microphone

MH – 1b* Dynamic Hand held Microphone

Assorted connectors and fuses

Heil Headset (HC-5 microphone element) (Needs new ear pads.) Connector for FT- 990

Johnson / Viking Match Box

Radio Shack HTX-10 (10 meter transceiver (with FM) / 10 meter mag-mount antenna.

Prices do not include shipping ALL RADIOS IN WORKING ORDER

Contact: Rich at rwshelv@gmail.com or 610 554-9997

79 YEARS LATER

EX-2ZM		EX-2ZM	
LESTER SPANGENBERG, OPERATOR		116 BELGRADE AVENUE CLIFTON, N. J.	
w2mb			
HELLO <i>W6MVQ</i>		Ur <i>QSA</i> Sigs were <i>QSA</i> R <i>2</i> T <i>7</i> here on	
1935		Wx: <i>CL 1700</i> QRM <i>2</i> QRN <i>✓</i>	
Receivers: AC-R. F., Det., 2 Audio or Superhet	Transmitters: Xtal Osc., 80 Watt Amplifier Xtal Osc., 2-420 PP. Amp. CW or Fone	Antennas: Half Wave Zepp or Full Wave Zepp.	
TKS—PSE QSL <i>7/2/35</i>		73, L. SPANGENBERG	

EX-N2RIQ		EX-N2RIQ	
MARK BOND, OPERATOR		P O BOX 248 WASHINGTON, NJ 07882	
w2mb			
HELLO		Ur Sigs were QSA R T here on	
201		Wx: QRM QRN	
Receivers: Kenwood TS-590	Transmitters: Kenwood TS-590	Antennas: Mosley PBO 67B AT 55	
TKS—PSE QSL		73, M. BOND	
Reproduction of Vintage 1935 W2MB QSL			

Recently at a Delaware-Lehigh Amateur Radio Club meeting Pete Varounis, NL7XM, gave me a QSL card documenting a 1935 QSO between W2MB (my call) and W6MVQ, Richard Lawton of Oakland California. Pete runs NL7XM Callsign Historical Research and he came across the card during his work. I was intrigued to say the least. Fellow League member Lester Spangenberg of Clifton NJ, Ex: 2ZM, was the first of three previous holders of my call and the only one of the three that I had not been able to communicate with since obtaining the call through the vanity call sign program in 1996. I contacted Gennady Treus, UX5UO, in the Ukraine about duplicating the card with my information. Within hours Gennady was able to create a reproduction of the 1935 card with my information. From this point forward, I will be confirming my contacts with a QSL card that was familiar to hams 80 years ago.

de Mark Bond, W2MB

DLARC COMMITTEE CHAIRPERSONS

Education – Bob / KE3AW
 Public Information Officer – Bob / KE3AW
 V.E. Coordinator - George / N3SQD
 Newsletter Editor – Don / KC3II
 Field Day – Stephanie / WX3K
 Social Activities – Al / W3CE
 Station Trustee – Barry / N3NVA
 Web Master - Brad / W3JXQ
 RFI Committee – Ben / KB3CTX

Membership – George / N3SQD
 Loaner Equipment – George / N3SQD
 Newsletter Circulation – Paul / N3YNT
 Nominating Committee – Dave / N3EYT
 Programs – Doreen / K3PDL
 PA QSO Party – Al / W3C
 County Radio officer – Al / W3CE
 Christmas City – Jon / NJ3I
 Awards – Charlie / W3OPA

HOW TO STORE BATTERIES

From How-To-Geek:

Some people swear by storing their batteries in the refrigerator to extend the lifespan of the battery and, apologies for the obvious food-storage joke, keep them fresh. Does it actually help? Is there any legitimate reason for putting your batteries in cold storage?

Dear How-To Geek,

I was looking for a little battery storage box on Amazon today with the goal of keeping my discharged rechargeable batteries in one box and the freshly charged batteries in another. While looking at the battery storage boxes I noticed a bunch of them (like this [Dial AA Battery Storage Box](#)) were labeled "Suitable for refrigerator storage". What the heck? Why would you put your batteries in the refrigerator? I search online for a definitive answer, but it seems like every other web site contradicts the one before it. What's the deal? Should I be putting my batteries in the refrigerator or not?

Sincerely,

Battery Confused

You certainly have the right to be puzzled by the topic and then confused by the search results you found; there is a ton of misinformation mixed in with outdated information floating around. The five second summary on the subject is that some batteries, in some situations, actually do benefit from refrigeration, but practically speaking, however, most of the time nobody should be putting their batteries in the fridge. Let's dig into the subject a little to see when it would be appropriate.

First, let's look at *why* people are even putting their batteries in the refrigerator. The underlying principle (which is actually scientifically sound) is that the colder temperature slows the rate of energy discharge. Every battery has a rate of self-discharge, the rate at which it loses a percent of its stored energy while just sitting there doing nothing (e.g. in the package, tossed in the junk drawer, etc.)

This self-discharge occurs because of what are known as "side reactions", chemical reactions that occur within the battery even when there is no load applied to it. There is no way to avoid self-discharge, but improvements in battery design and manufacturing have significantly reduced how much energy is lost during storage. Here's how much common battery types typically discharge per month at room temperature (around 65F-80F).

Alkaline Batteries: These are your most common disposable batteries: the kind you buy, use until they're discharged, and then dispose of them. They're quite shelf-stable and typically lose 1% or less of their charge per month.

Lithium-ion Batteries: Found in laptops, high-end portable power tools, and mobile electronics, lithium-ion batteries have a discharge rate of around 5% per month.

Nickel-Cadmium (NiCa) Batteries: Although not widely used today, nickel-cadmium batteries were the first widely adopted rechargeable battery. You can still find them on some portable power tools and in other applications, but few consumers are buying them today for light home rechargeable use. The discharge rate on nickel-cadmium batteries is typically around 10% per month.

Nickel Metal Hydride (NiHM) Batteries: Nickel metal hydride batteries largely replaced NiCa batteries for consumer use (especially in the small battery market). Early NiHM batteries had a rather high rate of discharge and could lose up to 30% of their charge per month. Low self-discharge (LSD) NiHM batteries were introduced in 2005 and have a discharge rate around 1.25% per month, which is on par with the low discharge rate of disposable alkaline batteries. Looking at the discharge rates, it makes sense that in some applications some people would want to put batteries in the fridge. If you were a photographer that needed to store a bunch of early generation NiHM batteries for your flashes, for example, it might have made sense to charge them all at once, put them in the fridge, and then throw them in your gear bag the morning of a big event.

Practically speaking, however, there's next to no reason to put your batteries in the fridge. Whatever gains you might get in shelf-life using the technique would be offset by potential problems. Micro condensation on and inside the battery can damage it and cause corrosion. Extremely low temperatures (such as a very chilly portion of the fridge or placing them in a freezer as some people erroneously advise) can further damage the batteries. Even if you don't outright damage the battery, you have to wait for the battery to warm up to use it and keep it from gathering condensation if the room is humid.

In essence, you're risking ruining your batteries to squeeze a few months of storage out of them and, further, the batteries that benefit most from cold storage are rechargeable and could have just been recharged prior to your intended use. To seal our stance on leaving your batteries at room temperature, the manufacturers themselves recommend against. So, buy your battery storage box, but keep it in a cool, dry, and non-refrigerated location.

(Thanks to Bill / K3ANS)

FIELD DAY 2014

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. Each year over 35,000 amateurs gather with their clubs, friends or simply by themselves to operate.

ARRL Field Day is not a fully adjudicated contest, which explains much of its popularity. It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, most groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to local elected community leaders, key individuals with the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The 2014 Field Day will be held on the week end of June 21st and 22nd. At the Louise Moore Park in Bethlehem Township. The DLARC will be located in Pavilion #5 which is located on the east side of Country Club Road. The same location as last years picnic.

Stephanie / WX3KI is chairman of this event and will be looking for volunteers to help with all phases of the event. A sheet will be at both the May and June meeting for signing up. Help is needed with setting up, tearing down and also putting together the food and drink.

F.Y.I.

The April Program will be "D-Star Systems Today" - AI / W3CE

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
Treasurer – Mike Gower / KB3LOD ----- treasurer@dlarc.org

BOARD of DIRECTORS

Dick Schaeffer / KB3ALG ----- c1902s@rcn.com
Ron Hontz / K3BKT ----- k3bkt@rcn.com
Dave Mellman / KA3IWC ----- dbm073@gmail.com
Stephanie Koles / WX3K ----- wx3k@ptd.net
Charlie / Lazarchak / W3OPA ----- w3opa@snycomp.com
Steve Harper / KB3WYJ ----- sharper3152@gmail.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 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

Editor – Don Holmes / KC3II ----- editor@dlarc.org
Web Master – Brad Snyder / W3JXQ ----- w3jxq@dlarc.org
Photographer – Brad Snyder / W3JXQ ----- w3jxq@dlarc.org
Circulation – Paul Morrison / N3YNT ----- n3ynt@aol.com