

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.

APRIL 2013



W3OK

CORRAL

**Club Meeting April 4th, 7:30PM At the
Bethlehem Township Community Center**

APRIL MEETING PROGRAM

**“Valuing & Insuring Your Radio Equipment”
Blair / K3YD**



**“VHF/UHF & MICROWAVE CONTESTING”
Bill / W0RSJ**



FROM THE PRESIDENT'S SHACK

Looking forward to April and climbing temperatures. It's also nice to be back to daylight later. I guess we will all be back to our outdoor hobbies and yard work soon too. As you go outside to check your wires, connections, and towers, please, be careful.

I have pointed out the last couple of meetings that we will need a number of new faces to run for the board. I hope a number of you will be giving it some serious thought. We will also need a new presentation chair as well. Each passing month these things become more and more important to the continued success of the DLARC.

By way of reminder - we are not allowed into the Bethlehem Township building before 7:20PM or until our room is empty. It is very important that we adhere to this request from our hosts. This venue is very affordable for us and has very good access for all involved. It is also located well for the general membership. Let's do our best to stay on good terms.

We have two more months till Field Day. Well, maybe a little more but if you want to help contact George N3SQD. We will be at the same location as last year. I hope to see everyone at the April general meeting.

de Charlie / W3OPA

APRIL QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2 D-Star Mid – Atlantic 7:30 PM	3 DLARC RACES/ARES Net (KC3II)	4 DLARC MEETING	5 NO VE SESSION	6
7	8	9 D-Star Mid – Atlantic 7:30 PM	10 DLARC RACES/ARES Net (N3SQD)	11	12	13
14	15	16 D-Star Mid – Atlantic 7:30 PM	17 DLARC RACES/ARES Net (KB3CTX)	18 DLARC Board Meeting	19	20
21	22	23 D-Star Mid – Atlantic 7:30 PM	24 DLARC RACES/ARES Net (NB3R)	25	26	27
28	29	30 D-Star Mid – Atlantic 7:30 PM				

APRIL CONTESTING AT THE OK CORRAL



April 6 & 7 – SP DX Contest
April 13 & 14 – JI DX CW Contest
April 20 & 21 – YU DX Contest
April 27 & 28 – SP DX RTTY Contest



VE TEST SESSION

There will not be a test session this month. The next session will be May 3rd.at 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.

PROGRAM CHAIRPERSON

We need a Programs Chairperson and/or Committee for the calendar year 2014. If you are interested, please contact Charlie / W3OPA. It is desirable to have the Programs Chairperson and/or Committee in place by August or September so there is ample time to schedule programs for 2014.

CIRCULATION MANAGER

The OK Corral will need a circulation manager effective with the November e-mail (push) issue. Pete / NL7XM who has been filling this position will be stepping down at that time. Interested members should contact Don / KC3II at editor@dlarc.org.

MINUTES FROM THE MARCH MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on March 7, 2013, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

Call to Order: Charlie Lazarchak / W3OPA, President, called the meeting to order at 1931 hrs.

Pledge of Allegiance: Led by Charlie/W3OPA

Approval of the Minutes: Charlie / W3OPA asked for a motion to approve the minutes of the last meeting. It was moved by Pete / NL7XM, second by Bryan / AA3WM to approve the minutes as presented in the newsletter. **Motion carried.**

Approval of the Treasurer's Report: Mike / KB3LOD presented the Treasurer's Report. It was moved by Bryan / AA3WM, second by Jay / N3OW to approve the Treasurer's Report as presented. **Motion carried.**

Dues Reminder Membership Cards and Name Badges: Charlie / W3OPA reminded everyone 2013 Club dues are due and that this is the last night for reinstatement to membership without penalty. Membership cards and new member name badges for s processed to date were available to be picked up at the meeting. Charlie asked that any new member without a name badge to see Al / W3CE or Mike / KB3LOD.

Visitors/Guests Present: Guests and visitors in attendance included Paul / AB3RB, David / N3XGE, Paul / N3YNT and John Angileri, Jr. and John Angileri, III.

Membership: Al / W3CE presented the membership report in George / N3SQD's absence. Al reported that there were no new membership candidates for this month.

Club Station Reports: Al reported that Northampton County has purchased an Icom D-STAR repeater system for the Club's ARES and RACES operations as well as for general use. The Club has had this request into County for about 3 years and Al believes the Club's RACES response during hurricane Sandy may have been the impetus for the County to finally act on the request. The system consists of 2M and 70cm digital voice repeaters and the repeater controller. The 2M repeater is up and running using 145.110 MHz (-). Coverage seems to be about the same as the homebrew D-STAR repeater that was previously operating on this frequency. The 70cm repeater does not have a coordinated frequency pair yet and the hope is to have the 70cm repeater operational within a month or so.

Repeater Interference (Stuck Open Mic): Barry / KU3X reported on tracking down the open mic that timed out the repeater earlier in the week. Listening on the input frequency, Barry recognized the operator's voice in the background and contacted him. The malfunction appears to be internal to the that all of us should periodically check gear left on for extended periods of time as any one of the internal components can fail at any time.

2013 Field Day: Charlie / W3OPA reminded all to start thinking about Field Day as it is only 3 months away. The location will be the same as last year, the pavilion at Louise Moore Park.

VE Test Session: Al / W3CE reported the next scheduled VE test session tomorrow night (March 8) and asked for VE's to staff the test session. The positions were quickly filled.

License Classes: Bob / KE3AW reported technician classes started this week (March 5th) and 19 attended. Two of tonight's guests John Angileri, Jr. and John Angileri, III are planning to attend the remaining classes bringing the total class size up to 21. The general class has 4 attendees (3 participants and one sitting in). Classes are Tuesday evenings from 7pm to 9pm at the County 911 Center. Classes are free, and the book can be provided by at the Club's cost.

Club Photographer for Meeting: Charlie / W3OPA announced that Brad / W3JXQ has volunteered to be the photographer for the general membership meetings.

Program Chair: Charlie / W3OPA advised that the Club is still looking for someone to plan the programs for next year.

Slate for Club Elections and Nominating Committee: Charlie / W3OPA announced that there will be a push to have a slate of candidates filled early as there will be a change in president and possibly vice president as well as potentially other positions on the board. Any members interested in running for a position as a club officer, member of the board or member of the nominating committee should contact Dave / N3EYT, who will be on the nominating committee. Bill / NC3P volunteered for the nominating committee.

Bethlehem Township Community Center Lobby Restrictions: Charlie / W3OPA reminded everyone that the community center management would like us to refrain from entering the building until 10 minutes or so before the scheduled meeting time. Members congregating in the lobby near the meeting room door before then hinder the group using the room before the Club from exiting. Charlie advised that the cost for the room was \$25 monthly; the Club's last venue, Bethlehem Area Vocational-Technical School, was \$50 monthly and all other potential venues were significantly more costly.

March 15th Episode of Last Man Standing: Pete / NL7XM suggested that everyone should try to watch the March 15th episode of *Last Man Standing*. The episode will feature amateur radio prominently in the storyline. Pete reminded all that the episode was written with general (non-ham) viewers in mind so be prepared for some liberties taken related to amateur radio regulations and operations, but enjoy the show nevertheless. For some background information on the episode, including Pete's involvement with it, Pete recommended viewing this week's episode of *Ham Nation* (episode 88). *Ham Nation* is a weekly netcast on twit.tv featuring Bob Heil, Gordon West and various co-hosts and guests. In a related matter, Pete mentioned that his QSO with special event station K6H is in video posted on YouTube. K6H was a special event station operated by licensed members of the studio crew, transmitting from the Last Man Standing studio and using the ham equipment shown on the program.

New Business: Charlie / W3OPA asked if there is any new business that should be brought to the floor. Hearing none, Charlie opened the floor to questions, comments, or announcements for the good of the order. None were presented.

Adjournment: There being no further business before the Club, the meeting was adjourned by Charlie / W3OPA at 1957 hrs

Respectfully submitted by John / NT3P, Secretary

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 at nl7xm@arrl.net. The winner must be present at the next Meeting to receive it, or it goes unrewarded. Officers, Board members, and Brain Teaser Authors are not eligible to win."

de **NL7XM**

MARCH BRAINTEASER ANSWER



The halfway point between 5:00 AM and 5:00 PM is 11:00 AM:
add five hours, and you get 4:00 PM.



The winner is Don / N0VGA

APRIL BRAINTEASER de KB3LIC

Find a number that when divided by 2 has a remainder of 1, when divided by 3 has a remainder of 2, when divided by 4 has a remainder of 3, and when divided by 5 has a remainder of 4.

THE NEW D-STAR REPEATERS

I had purchased a new Apple Ipad Mini for my wife for Christmas. This was for use in getting our email and searching for points of interest while we were on our extended vacation. I was surprised while traveling on Interstate 10 in Texas to receive an email from Nick Tylenda at Northampton County Emergency Management (Don't worry my wife was driving while I was reading the mail.) Anyway the email was informing me that the county would be purchasing Icom D-Star repeater equipment for amateur and Races/Ares to use. I had put in a request for the repeaters each year for several years and this time the county had funds to accomplish the purchase. Needless to say I was overjoyed and immediately got on the cell phone to some members back home informing them. The equipment consists of a repeater controller, a 2 meter repeater and a 70 cm repeater. The 2 meter rig was installed two weeks ago replacing our temporary D-Star repeater on 145.11. The 70 cm repeater should be installed and put on the air by the end of March. The equipment remains the property of Northampton County and is for the exclusive use of any and all amateurs in the area. Since the Icom repeaters have lower power output than the equipment they are replacing I would appreciate D-Star users to let me know about coverage vs the old rig.



de AI / W3CE, Northampton County Radio Officer

NOTICE – NOTICE

I am proud to announce that Brad / W3JXQ has agreed to be the photographer for DLARC Meetings. --- KC3II / Editor

RADIO METEOR OBSERVATORY RESEARCH



Several thousand meteors enter Earth's atmosphere each day. The vast majority of these, however, occur over the oceans and inhabited regions, with a many of those being masked by the sunlight. Those that occur at night are also rarely noticed by people. Due to the combination of all these factors, only a handful of witnessed meteorites are reported each year.

On Friday, February 15, 2013 at 9:10 local time a bright meteor bolide with a long white smoke trail blazing behind it streaked over the southern Ural mountains near the city of Chelyabinsk, an industrial city 930 miles east of Moscow. The fireball was visible as far as 120 miles away to the north in Yekaterinburg city in the central Ural mountains.

A huge shock-wave followed, causing glass windows to be blown out resulted with over 1,200 people having glass related injuries. The explosion was so powerful it knocked down a wall that resulted in a partially collapsed roof on a defense industry zinc plant.

The meteoroid was estimated to be 55 feet across and weighing about 10,000 tons before entering Earth's atmosphere.

It was estimated that this meteoroid hit the atmosphere at 19 miles per second, 68,400 miles per hour on a twenty degree entry angle when it sailed through the stratosphere between 9-15 miles above the city thus becoming a meteor. It releasing nearly 500 kilotons of energy - about 30 times the size of the nuclear bomb dropped on the Japanese city of Hiroshima in World War Two.

An event of this magnitude would occur once every 100 years on average. This event was one of those rare instances.

If you missed the news on it, here is Alexander Zaytsevs' website that provides multiple videos and static images on the event. <http://say26.com/meteorite-in-russia-all-videos-in-one-place>

If you interested in forward scatter radio meteor observations, then a free full version computer program that you might find interesting is called "Colorgramme Lab v 2.5" by Pierre Terrier, updated 2012.

Visit <http://www.rmob.org> homepage to read the Radio Meteor Observation Bulletin (RMOB).

In the "Photo" menu you will see other RMOB contributors including The VVS meteor beacon.

In the Menu select "Download", click "Free Windows Software", select - FULL Version of Colorgramme Lab version 2.5 software with INSTALL setup. (install_colorgramme_lab_v25.zip @ 484.95Kb)

After it is downloaded unzip it then run setup. Select the "Observer" tab in the program and completely fill out the parameters making sure you have a valid e-mail address. Once done hit the save button.

Go to the last tab "Internet FTP Transfer" and select the appropriate Internet Connection Type and Time Step to Automatically Transfer.

Now go back to the RMOB homepage to select "Live observations", Live meteor observatory with a Google Map will be displayed. The red pin marks upon the map are active participating observers.

If everything was done correctly after filling out all your data fields in the program you should see your observatory listed on the map. RMOB data; hourly count histogram and Colorgramme are under the map.

RMOB.org is on Twitter if you want to send and follow the news about radio meteor observations from active observers.

If you have any problems with the RMOB Data, Colorgramme, HROFFT, Internet FTP Transfers you can contact the webmaster – terrier.pierre@gmail.com.



73's Mike Schaffer / KA3JAW EL87su Tampa, Florida

QCWA HEADQUARTERS

QCWA Board Of Directors Fills Director Vacancy

The QCWA Board of Directors are pleased to announce the appointment of Pete Varounis, NL7XM, to fill the recent Director vacancy. Please give Pete a hearty welcome as your newest QCWA Director.

Pete resides in Easton, PA, and has been licensed over 30 years. He is a Life Member of QCWA, ARRL, and a loyal Member of the QCWA Allentown-Bethlehem Chapter 17 in EPA.

He is a current member of RCA, AWA, AMSAT, NYCRA, LVARC, Six Club International, SMIRK, A1-Operators Club, UKSMG, 10-10 International, and is an Honorary Life Member of the Delaware-Lehigh Amateur Radio Club.

He is also the USA Country Manager for the UK Six Metre Club, an international organization for 50 MHz enthusiasts, and has earned DXCC and WAS.

Known affectionately in some circles as, "Pete The Greek," he has compiled a vast, 100+ year-old collection of rare callbooks in his personal library that he uses to conduct research as a Callsign Historian.

A retired law enforcement superior officer, Pete is a Champion Pistol Competitor winning 18 Gold Medals in the NYS Police Olympics.

Ken Oelke, VE6AFO, President, QCWA National

PA QSO PARTY 2012

The 2012. PA QSL party results are in. The DLARC came in fourth in the club competition. The Frankford Radio Club was first with a total score of 2,344,284 points. Murgas Amateur Radio Club was second with 1,099,425 points. Allegheny Valley Radio Association as third with 1,072,792. The DLARC in fourth place with 602,217 points.

The DLARC did well individually with Ray / W3TDF high score for Bucks County with a total of 104,362. Stephanie / WX3K was high score for Monroe County with a total of 104,921. Jeff / N3QO was high score in Montgomery County with a total of 67,262. Tom / N3EBH was high score for Union County with a total of 22,092. Bill / W12E/3 was second highest score for Northampton County and high score for the DLARC with a total of 177,280.

The DLARC participation is down this year with only 11 members sending in a score. This is a decrease from last year. Hopefully participation will increase in the 2013 contest.

MARCH PROGRAM REPORT

VHF/UHF & MICROWAVE CONTESTING

Bill / W0RSJ opened a new perspective to many of the club members present. Most members enjoy 2 mtrs and some 70 cmtrs, but few go beyond to UHF and microwave communications. Bill took us to that area of the hobby and beyond, to contesting.

Bill began with grid squares and how they are used in his contesting. He gave a complete explanation on what they are and their importance in his contesting.

Slides were shown with the WORST contesting station positions. Antennas and some of the additional equipment necessary to have an award-winning operation. Bill went on to present some of the finer details necessary to reach the levels he has reached. Along some samples of equipment used which were passed around the audience for a closer inspection. Several samples of the many awards he has won throughout his amateur radio career.

This presentation may encourage other members to consider including UHF and microwave operations in their amateur radio agenda.

NOTICE<> NOTICE<> NOTICE

We are enjoying our superior new Meeting quarters, but for that reason, it is also a very popular venue for many other groups. To reduce congestion as other scheduled activities end and folks try to exit, we have been politely asked to refrain from entering the lobby before 7:15. Your strict consideration is appreciated.

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.

THE DLARCforum

A few years ago the Executive Committee established an electronic mailing list for D.L.A.R.C. Members and friends to provide an easy way to disseminate information on a timely basis. This mailing list is called the "DLARCforum" and all club members with email capability are welcome to join.

Joining the list is easy, just go to this website :<http://mailman.qth/mailman/listinfo/dlarcforum> and fill in the appropriate boxes. Instructions for the subscription process are available on the page. If you don't have internet service, but do have email service you can still subscribe by sending a subscription request directly to the list administrator, ka3jwe@arrl.net.

The DLARCforum is a "closed" list which means only subscribers can post messages, so your mailbox won't be filled with junk mail from unknown sources. The list uses a "text only" format which means, that only messages in plain text are passed. Messages received in HTML are filtered and stripped of any formatting before being sent out to list subscribers. The list will not accept or pass attachments such as files and pictures. This is done to eliminate the possibility of spreading any type of computer virus or other harmful programs. The forum is an "un-moderated" list, which means that there is no moderator screening messages before they are passed on.

Since its beginning, the volume of messages on the DLARCforum has been relatively low compared to other similar mailing lists. So don't worry your your inbox won't be overflowing with messages if you subscribe. There is also the ability to configure your preferences for the list to your personal liking.

So, please consider joining the list if you're not already subscribed. You'll be better informed about current club activities and also have the knowledge and experience of over half the membership at your disposal. Anything you want to know, all you have to do is ask! de Don / KA3JWE List Administrator

HOW TO REGISTER ON THE DLARC WEB PAGE

Only club members can register to the site.

Only club members can post to the site or gain access to the club rosters which includes addresses, phone#s, e-mail etc. I believe there will be more added later that members only have access. Scroll down on the front page. You will see on the left a place to log in. Under the log in spaces you will see:

- forgot your password?
- Forgot your user name?
- Create an account.
- Click on "create an account"

Now you will see the registration form. All fields must be filled in.

We are a private forum/web page on the site so feel free to use your real name in the first space.

!!!The user name MUST BE YOUR CALL SIGN!!!!

- Next a working e-mail address for your confirmation e-mail
- Next pick a password
- Next space re-type your password
- Click the register button to the lower left.

You will then be brought back to the DLARC home page - at the top of the page will be this message:

"Your account has been created and an activation link has been sent to the e-mail address you entered. Note that you must activate the account by clicking on the activation link when you get the e-mail before you can log in."

Wait for the e-mail and follow the directions from there. The web master will check your call sign against the up to date / dues paid roster for 2009. If you are not on it you will be rejected. If you do not use your call sign you will be rejected.

The DLARC web page forum has a for sale section, a rag chew section etc.

Hope to see you on the site.

Any other questions - post them on the e-mail forum or contact the web master.

IMPORTANT NOTICE

Please check the web page roster listing. It is important that your telephone number and email address are correct. This is the only way we can contact members. If you do not receive the newsletter in your email and are registered for the phone tree and do receive the notices by phone, your email address is incorrect on the roster, and the same for your telephone number.

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 or Al / W3CE at w3ce@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.

FLORIDA HAMS PROVE HAM RADIO WORKS WHEN CELLPHONES DONT

After a day of exploring the Green Swamp Wildlife Management Area -- which covers 50,692 protected acres in Florida's Lake, Polk and Sumter Counties -- with his grandson, Joe Cody, KE4WDP, of Winter Haven, Florida, saw that the roads were flooding and becoming hazardous. As he tried to drive out of the area, Cody's small pick-up truck got bogged down in the mud. Since he was out of cell phone range, Cody tried calling for help on the Dade City 146.880 repeater. Richard Parker, KF4ORW, of Dade City, Florida, heard the call and answered.

After hearing the situation, Parker called 911 in Pasco County, who put him in touch with the dispatch in neighboring Polk County. Cody passed his location on to Parker, who in turn passed it on to the Polk County Sheriff's Office. "Polk County 911 took over trying to get help," Parker said. "They called me back several times for more information and I was able to relay information from Joe to them. Then Ted Bulmanski, W4TKB, who is also from Dade City, started monitoring and copying Joe's information."

About 30 minutes later, Parker saw a helicopter fly over and around Cody's position, and after another 30 minutes, Cody radioed back on the repeater, saying he was on his way home -- thanks to a Lake County Deputy in a Sheriff's Office truck that had a winch. "We learned that Joe was eight miles inside Lake County," Parker explained. "That's why the Lake County Sheriff's Office responded instead of the Polk County authorities. The Polk County Sheriff's Office called me back to say that the helicopter from Lake County found the truck inside Lake County and sent both a deputy from Lake County, as well as a Fish and Game Officer and winched him out of the mud. They called me back to thank us for assisting the stranded pair. Ham radio still works when other forms of communications don't."

DID YOU KNOW??

BOUNCE - (For those who don't know, 'Bounce' is the product name for a anti-static strip of material that is used in clothes drying machines to prevent 'sticking')

The U.S. Postal service sent out a message to all letter carriers to put a sheet of Bounce in their uniform pockets to keep yellow-jackets away. Use them all the time when playing baseball and soccer or when working outside. It really works. The insects just veer around you !

All this time you've just been putting Bounce in the dryer!

1. It will chase ants away when you lay a sheet near them. It also repels mice.
2. Spread sheets around foundation areas, in trailers, or in cars that are sitting and it keeps mice from entering your vehicle.
3. It takes the odor out of books and photo albums that don't get opened too often..
4. It repels mosquitoes. Tie a sheet of Bounce through a belt loop when outdoors during mosquito season.
5. Eliminate static electricity from your television (or computer) screen.
6. Since Bounce is designed to help eliminate static cling, wipe your television screen with a used sheet of Bounce to keep dust from resettling.
7. Dissolve soap scum from shower doors. Clean with a sheet of Bounce.
8. To freshen the air in your home - Place an individual sheet of Bounce in a drawer or hang in the closet.
9. Put a Bounce sheet in the vacuum cleaner.
10. Prevent thread from tangling. Run a threaded needle through a sheet of Bounce before beginning to sew.
11. Prevent musty suitcases. Place an individual sheet of Bounce inside your empty luggage before storing.
12. To freshen the air in your car - Place a sheet of Bounce under the front seat.
13. Clean baked-on foods from a cooking pan. Put a sheet in a pan, fill with water, let sit overnight, and sponge clean. The anti-static agent apparently weakens the bond between the food and the pan..
14. Eliminate odors in wastebaskets. Place a sheet of Bounce at the bottom of the wastebasket.
15. Collect cat hair. Rubbing the area with a sheet of Bounce will magnetically attract all the loose hairs.
16. Eliminate static electricity from Venetian blinds. Wipe the blinds with a sheet of Bounce to prevent dust from resettling.
17. Wipe up sawdust from drilling or sand papering. A used sheet of Bounce will collect sawdust like a tack cloth.
18. Eliminate odors in dirty laundry. Place an individual sheet of Bounce at the bottom of a laundry bag or hamper.
19. Deodorize shoes or sneakers. Place a sheet of Bounce in your shoes or sneakers overnight.
20. Golfers put a Bounce sheet in their back pocket to keep the bees away.
21. Put a Bounce sheet in your sleeping bag and tent before folding and storing them. It will keep them smelling fresh.
22. Wet a Bounce sheet, hose down your car, and wipe love bugs off easily with the wet Bounce.
23. Put a sheet of Bounce in your suitcase when traveling, it will help keep mites or any other critters out of it. While you are at it, travel with several Bounce sheets and run them up and down your bed linen before getting into bed, it will cause all the critters already in your bed to run. Keep a sheet in your suitcase even after you have unpacked to protect your suitcases from bugs nesting in it.

BETTER WAYS

Quickest way to unstuff your nose: Sniff horseradish. It contains allyl isothiocyanate, a compound similar to the active ingredient in decongestants. Take a sniff two or three times daily. Keep your nose six inches from the jar, and don't spread germs by breathing directly into the jar. **Caution:** if congestion persists for more than a week, or it is accompanied by green mucus or postnasal drip, pain or toothaches, see a doctor.

Nighttime leg cramp solution: Flex your foot up. Point toes at the ceiling and hold until cramping stops. Or stand up, bend your knee and place your weight on the affected leg for a few minutes -- this stretches the calf. A heat pad or icepack may give some relief. To prevent cramps: drink 6 to 8 glasses of water daily so you do not become dehydrated. Loosen bed covers so toes do not point downward while you are asleep. Stretch calf muscles regularly during the day. Riding a stationary bike before bed. And regular aquatic exercises may also help.

F.Y.I.

The May Program will be "Eli, the son of the ICEman Cometh" - Paul / N0KIA

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 – Charles Lazarchak / W3OPA ----- 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

Gary De Mave / N2AUO ----- captiangdm@gmail.com
Dave Mellman / KA3IWC ----- dbm073@gmail.com
Jon Matson / NJ3I ----- cjfishing@rcn.com
Doreen Gramling / K3PDL ----- country.lady06@yahoo.com
George Wieland / N3SQD ----- George@bioserv.com
Pete Varounis / NL7XM ----- nl7xm@arrl.net

**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 --- Jon Matson / NJ3I

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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 – Pete Varounis / NL7XM ----- nl7xm@arrl.net