

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
MARCH 2010



W3OK

CORRAL

Club Meeting At the Nancy Run Fire Company
7:30 PM March 4th 2010

“MINI HAMFEST A SUCCESS”

The February 4th meeting program was a mini ham fest rather than a formal program. Howard / WO3P chaired the event and from all appearances, it was a major success.

There were tables of items from ham radio, but also computer, general items and refreshments. It appeared that many of the sellers left with less than they arrived with and many non-sellers left with items. It was the moving of the dust collectors of one shack, to the useful addition of items to another. Many were in attendance and old friendships were renewed and new ones made. The social side of the mini ham fest equaled that of the Christmas Party.

MARCH MEETING PROGRAM

“ Baluns Demystified”

Barry / KU3X



FROM THE PRESIDENT'S SHACK

Spring is Coming

As I write this, there is over a foot of new snow on the ground. I don't know why it happens, but, I always seem to want to do antenna work at the most inopportune times. Well I'm not going to trudge through well over a foot of snow in the back yard to try out a new wire antenna. So, I will just have to content myself with working on the matching transformers, chokes, and wire parts until the weather breaks. And, that is exactly the topic that Barry / KU3X will be discussing at our next meeting. Be sure to come out to the meeting. All that talk of baluns, chokes and antennas is sure to get you thinking of spring. Man, I sure hope Punxsutawney Phil was wrong!

Speaking of meetings, the February meeting and mini-hamfest were a big success. I think there were about sixty people at the meeting. That would be about a third of the membership and something of a record for attendance. There was a wide variety of items for sale and business seemed good during the hamfest. I'm hoping that we might make it an annual event. For myself, I could have picked up a few more items. However, my wife Wendy was at the meeting, and she was disappointed that I wasn't selling stuff! Sigh ... perhaps next year.

In other news, our 145.11 repeater has now been converted to a D-star repeater. If you are new to D-star, be sure to stop by the milk-house on a Wednesday evening and schedule some time with the folks there for a quick education on the capabilities and setup. Now that it has been converted to D-star, the .11 machine will no longer function as an analog FM repeater. Since the .11 machine was a backup for our regular Wednesday evening net, we have arranged with the LVARC to use their 147.135 repeater (PL 167.9) as a backup in the event of a problem with our 146.70 machine.

Finally, we are looking to put together a corps of operators to participate in Project Life Saver. This will be a group of individuals that will use their RF direction finding skills to locate disabled individuals that have wandered off from a safe location. The group would be activated when this occurs and would assist the county and law enforcement in the location effort. We would like to begin some training in these procedures very shortly (when the weather breaks). If you are interested in participating in this effort, please contact either Al / W3CE or myself. I would like to have about 20 or so members trained for this activity. With that number, I am hoping that we could field a couple of teams at any particular moments notice.

I look forward to seeing you (and Spring) at the next meeting.

73 - N3SQD / George



MINUTES FROM THE FEBRUARY 4th MEETING

The general membership meeting of Delaware-Lehigh Amateur Radio Club Inc. was held at Nancy Run Fire Co. in Bethlehem Twsp., PA on February 4 2010

Call to order: The meeting convened at 1928 hrs, President George Wieland / N3SQD presiding.

Pledge of allegiance: Led by George / N3SQD

Members in attendance: 54 and 6 visitors

Approval of minutes: Motion was made by Bob / N3SNZ, and seconded by Gary / N2AUO **Motion carried**

Approval of Treasurer's report: Motion was made by Jay / N3OW, and seconded by Dave / KA3IWC **Motion carried**

Repeater: George / N3SQD Reported on the testing done on the 145.110 Repeater for D-STAR, and George / N3SQD recommended that the 145.110 repeater be switched over to D-Star. Ben / KB3CTX made motion to switch the 145.110 repeater to D-star with the understanding that the repeater can be switched back to analog in the event of failure of the 146.700 repeater, also that we will have a reciprocal agreement with the W3OI club to use their repeater as back-up. 1st Ben / KB3CTX, 2nd Bob / N3SNZ **Motion Carried**

Events: George / N3SQD asked for volunteers to help fill out QSL cards for WX3MAS

VE session: Their will be an VE session March 5 2010 at the 911 center at 6:45 pm

Club Station: Dave / K3GMT gave a report about number of people who came to the milk house last month, also about up coming contents

Tech classes: George / N3SQD gave a report that the next Technician and Extra class will begin March 9th at the 911 center and a General class will start in May

Membership: As of 04 Feb 2010 the club has 181 members, Report given by Vic / N2OFF Motion to accept, Mark Bond / W2MB, and Todd Freitag / KC2UTT as members. 1st Bob / N3SNZ, 2nd Kurt / KA2QYS **Passed**

Old Business: Club is looking into redesigning the QSL cards, Members have until March Meeting to turn in designs

New Business: George / N3SQD and Al / W3CE gave a report about a meeting they had with county

Adjournment: The meeting was adjourned at 2003 hrs by George / N3SQD

Respectfully submitted by **Howard Miller / WO3P**, Secretary

VE TEST SESSION

There will be a test session this month on March 5th 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@arri.net.

JANUARY 31, 2010



D.L.A..R.C. Treasurer's Report

Ending Balance

\$3,572.05

Pete Varounis / NL7XM
Treasurer / D.L.A.R.C.



MARCH MEETING PROGRAM

"Baluns Demystified." Do you know what a balun is and what it does? What's a 1:1, 4:1, and 8:1 mean? Barry / KU3X will teach you the difference and show you how choosing and employing the right one can greatly benefit your signal strength. Everybody learns something when Barry delivers the material. If you don't know your "unun" from your balun, this program is for you!

UPCOMING EVENTS

March 9th – Tech Classes begin at the 911 Center

March 14th – Daylight Savings Time begins, set your clocks ahead

March 18th - PEMA Severe Weather Drill

WEBSITE OF THE MONTH

<http://stereo.gsfc.nasa.gov>

MARCH 2010 QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 DLARC RACES/ARES Net (KR3U)	4 DLARC MEETING	5 VE SESSION	6
7	8	9 Tech Classes	10 DLARC RACES/ARES Net (WO3P)	11	12	13
14 Daylight \ Savings Time Begins	15 Newsletter Articles Due	16 Tech Classes	17 DLARC RACES/ARES Net (KB3CTX)	18 Executive Committee Meeting	19	20
21	22	23 Tech Classes	24 DLARC RACES/ARES Net (W3CE)	25	26	27
28	29	30 Tech Classes	31 DLARC RACES/ARES Net (KC3II)			

MARCH CONTESTING AT THE OK CORRAL

March 1st & 2nd – North Carolina QSO Party

March 7th & 8th – International DX Contest -- SSB

March 14th & 15th – RSGB Commonwealth Contest

March 15th - North American Sprint – RTTY

March 21st & 22nd – Russian DX Contest

March 28th & 29th – CQ WW WPX Contest -- SSB





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GLOBAL WARMING

de **Charlie / W3OPA**

February 11, 2010 I forgot my sun screen!!



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@arri.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.

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 the Treasurer. This simple act can help your Club by reducing recurring expenses, and make you feel a lot better about our environment.

Ultra-RX1 Ultrasound Receiver Kit

Earlier this year, I read an article in QST about the Ultra-RX1, an Ultrasound Receiver Kit, available from the Xtal Set Society. Having built a few other radio kits in the past and looking for something new to work on, I decided to buy one. This seemed like a good way to learn about the basics of Ultrasound, and experiment with potential uses of a simple receiver.



Ultrasound refers to sound waves that exist at frequencies above the range of human hearing (>20kHz). Many insects, rodents and bats utilize these frequencies for feeding, communication and navigation. Numerous man-made devices emit a range of ultrasound frequencies as well - some just as a result of their operation and others on purpose, as Ultrasound is currently used in various medical applications and for structural testing. The prospect of using an Ultrasound receiver coupled with a directional microphone to locate the source of RFI due to arcing was also of interest to me, both in my job as an RF engineer and in our hobby as amateur radio operators.

The completed Ultra-RX1 receiver kit (shown above) tunes an active part of the ultrasound band around 35 - 50kHz and converts the ultrasound signals to an audio signal that you can listen to, similar to the function of a direct conversion radio receiver. Using this receiver, I was able to listen to a variety of interesting sounds being generated around my house, although the bats were probably the most fascinating as I live in a rural area. In most cases I was able to hear them before even spotting them flying overhead!

The included manual does a good job of explaining the assembly and testing of each section of the receiver as well as providing a brief explanation on how each section works. Experienced kit builders should be able to put this kit together in a couple hours with only a decent soldering iron and multimeter. Use of a signal generator and oscilloscope would also be helpful, but not necessary. All the included parts are through-hole mounted, meaning that there are no surface mount components to worry about, although part spacing is somewhat tight so you will want to use a soldering iron with a small tip. More information regarding Ultrasound, the Xtal Set Society and their various kits can be found on their website at www.midnightscience.com. Since building the Receiver kit, I have learned that the society has now made two additional Ultrasound transceiver kits available for transmitting CW over short distances. Club members interested in learning or practicing CW in a group setting, such as at the milkhouse, may find their latest Ultra-QP transceiver kit useful.

de **Ben / KB3CTX**

NEW MEMBERS

The DLARC is continuing to grow, so be sure to greet our new comers, shake their hands, and give them a warm welcome to our club. The newest members are **Mark Bond / W2MB** and **Todd Freitag / KC2UTT**.

LEHIGH VALLEY 2010 MS-WALK

This year's MS-Walk will be held again at the Coco-Cola Park, home of the Lehigh Valley IronPigs on Sunday May 2nd. This location was a huge success last year. This fun, family-friendly site in Allentown offers a more central location for walkers from throughout the Lehigh Valley. The walk will start with a lap around the concourse and finish back at the stadium. The DLARC is again supplying communications and volunteers will be needed to insure the complete safety for the walkers throughout the course. Howard / WO3P is chairing the event and will be looking for sufficient number of operators for the event. Contact him at wo3p@arrl.net.

MONTHLY BRAIN TEASER

"A special prize awaits the first Club Member to submit the correct answer to this month's Brainteaser to the Treasurer via E-mail. He 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**

JANUARY & FEBRUARY BRAINTEASER ANSWERS

The answer for January is none of them. It's impossible to "see" in total darkness.

The winner is **Rich / N3UB**

The answer for February is "Fruit fly."

The winner is **Rich / N3UB**

MARCH BRAINTEASER



Question: What city has no people?



QSL CARD CONTEST

It has been decided that the DLARC to go along with its revised milkhouse activity, the club needed a new QSL Card. The present card is quite old. So a contest has been decided on, so as to get the design from the membership through a contest. The final decision will be made at a date following the March 4th general meeting. All entries must include the following information and turned in at that time.

Required items to be on the QSL card

1. **Club name** : Delaware-Lehigh Amateur Radio Club Inc.
2. **Club Call** : W3OK
3. **Address** : 14 Gracedale Ave. - Graystone Building Nazareth, PA 18064-9211 U.S.A.
4. **ARRL info** : ARRL Affiliated club
5. **Location** : Grid FN20hr , CQ zone 5 , Section EPA
6. **County** : Northampton County
7. **Station** : The Ed Hartman Memorial Station
8. **Fill in Boxes** :

Station	Date	GMT	MHZ	RST	MODE	QSL
						PSE TNX

9. Club Logo



de **Howard / WO3P** Contest Chairman

MS-150 PENNSYLVANIA DUTCH BIKE RIDE

It is not too early to make plans for this event, which is being held July 24th & 25th. The DLARC has supplied communications for several years and will do so again this year.

Starting just an hour's drive northwest of Center City Philadelphia, this cycling event of a lifetime takes you through the rolling hills of Montgomery County and the scenic Amish farmlands of Chester and Lancaster counties. The unique route gives the event a unique spirit -- a sense of community perfectly captured by the Saturday night finish line party at Millersville University. This evening is a combined event with the Central PA Bike Tour.

Operators are need at the check points, manning the ambulances, sag-wagons and other locations along the route. Contact Bryan / AA3WM at sbw1@enter.net for more details.

ARRL ELECTIONS

The ARRL Board of Directors held its 2010 Annual Meeting on January 15-16 in Windsor, Connecticut, under the chairmanship of President Joel Harrison / W5ZN, to consider and act on a number of recommendations from committees, as well as motions by Directors. With the election of ARRL First Vice President Kay Craigie / N3KN, as the League's 15th President, the 2010 Annual Meeting of the ARRL Board of Directors was off to a fast-paced start. Craigie, who ran unopposed, takes over the top leadership position from Harrison, who in October announced that he would not be seeking re-election. Craigie officially took office as president at the adjournment of the Annual Meeting.

Rounding out the slate of officers are First Vice President Rick Roderick / K5UR (moving up from Vice President); Vice President Bruce Frahm / K0BJ (moving up from Midwest Division Director); Vice President for International Affairs Jay Bellows / K0QB (moving up from Dakota Division Director); Executive Vice President and Secretary David Sumner / K1ZZ; Treasurer James McCobb / K1LU; Chief Financial Officer Barry Shelley / N1VXY; Chief Operating Officer Harold Kramer / WJ1B, and Chief Development Officer Mary Hobart / K1MMH. ARRL Technical Relations Manager Brenan Price / N4QX, was elected ARRL Chief Technology Officer; he replaces Paul Rinaldo, / W4RI, who retired from the staff in 2008 but retained the officer title through the end of its two-year term.

Since Bellows and Frahm moved into new positions their Vice Directors -- Greg Widin / K0GW and Cliff Ahrens / K0CA, respectively -- will move up to Director. One of Craigie's first items of business as League President will be to appoint new Vice Directors in both of those Divisions. She will also need to appoint a new Vice Director in the Northwestern Division, as that post became vacant on January 1 of this year.

2010 CENSUS TO BEGIN

THIS IS PRETTY BASIC ADVICE; Be Cautious About Giving Info to Census Workers

With the U.S. Census process beginning, the Better Business Bureau (BBB) advises people to be cooperative, but cautious, so as not to become a victim of fraud or identity theft. The first phase of the 2010 U.S. Census is under way as workers have begun verifying the addresses of households across the country. Eventually, more than 140,000 U.S.

Census workers will count every person in the United States and will gather information about every person living at each address including name, age, gender, race, and other relevant data.

The big question is - how do you tell the difference between a U.S. Census worker and a con artist? BBB offers the following advice:

If a U.S. Census worker knocks on your door, they will have a badge, a handheld device, a Census Bureau canvas bag, and a confidentiality notice. Ask to see their identification and their badge before answering their questions. However, you should never invite anyone you don't know into your home.

Census workers are currently only knocking on doors to verify address information. Do not give your Social Security number, credit card or banking information to anyone, even if they claim they need it for the U.S. Census.

REMEMBER, NO MATTER WHAT THEY ASK, YOU REALLY ONLY NEED TO TELL THEM HOW MANY PEOPLE LIVE AT YOUR ADDRESS.

While the Census Bureau might ask for basic financial information, such as a salary range, **YOU DON'T HAVE TO ANSWER ANYTHING AT ALL ABOUT YOUR FINANCIAL SITUATION.** The Census Bureau will not ask for Social Security, bank account, or credit card numbers, nor will employees solicit donations. Any one asking for that information is NOT with the Census Bureau.

AND REMEMBER, THE CENSUS BUREAU HAS DECIDED NOT TO WORK WITH ACORN ON GATHERING THIS INFORMATION.. No Acorn worker should approach you saying he/she is with the Census Bureau.

Eventually, Census workers may contact you by telephone, mail, or in person at home. However, the Census Bureau will not contact you by Email, so be on the lookout for Email scams impersonating the Census.

Never click on a link or open any attachments in an Email that are supposedly from the U.S. Census Bureau.

For more advice on avoiding identity theft and fraud, visit www.bbb.org



THE DELAWARE-LEHIGH AMATEUR RADIO CLUB IS OFFERING FREE AMATEUR RADIO CLASSES, Spring, 2010:

Are you interested in talking on amateur radio with people locally, across the country, around the world, or even astronauts and cosmonauts orbiting in space? You can!

The Delaware-Lehigh Amateur Radio Club is offering a series of 9 free classes, Tuesday evenings 7 – 9 PM.), beginning **March 9**, near Nazareth, to help interested individuals pass a test to earn their **entry –level FCC Amateur Radio Licenses.**

Appropriate for adults and children (usually 9 years and older).

For amateur radio operators already licensed at the Technician License level, **UPGRADE to the GENERAL LICENSE.**

Classes start May 11 (5 Tuesdays, 7 – 9 PM).

For amateur radio operators licensed at the General License level, **UPGRADE to the EXTRA LICENSE.** Classes start March 9 (7 Tuesdays, 7 – 9 PM).

To enroll in the classes and/or for more details, including direction to the class location and answers to your questions about Amateur Radio, please telephone 610.432.8286 or email KE3AW@ARRL.NET. Also please visit www.dlarc.org and www.arrl.org

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.

HAPPY ST. PATRICK'S DAY



½ tsp thyme

Irish Stew

Ingredients:

2 lbs boneless lamb shoulder, cut into 1" cubes
4 medium potatoes, sliced 1/2" thick
2 medium onions, sliced 1/4" thick
2 stalks celery, sliced 1/4" thick
4 medium carrots, peeled and sliced 1/4" thick
1 tsp salt
¼ tsp black pepper



1 cup water
2 tbsp chopped fresh parsley

Directions:

Preheat the oven to 325 degs. F. In a large Dutch oven or covered casserole, layer the ingredients in the following order: Lamb cubes, sliced potatoes, sliced onions, sliced celery, sliced carrots, sprinkling each layer with salt, pepper and thyme. Add the water to the pot, cover and slowly bring to a boil over medium-low heat. Let simmer for 5 minutes, then transfer the pot to the oven and bake, without lifting the lid or stirring, for 2 to 2 ½ hours or until the lamb is tender. Sprinkle with chopped parsley, stir very gently to mix (the potatoes will be very soft) and serve.

NORTHAMPTON COUNTY RACES PICTURE IDS

As of September 2006, NIMS IS-700 and ICS-100 course certifications are required in order to receive the county issued photo IDs. The photo IDs are required by federal law for participation in, and on site RACES emergency operations. These courses can be taken on line by going to www.fema.gov and following the directions. With the possibility of these of County issued photo IDs coming in the near future, there may only be a limited amount of time to fulfill the course requirements necessary for these IDs. More information to follow on the picture taking dates, etc.

LEHIGH VALLEY 2010 MS-WALK

This year's MS-Walk will be held again at the Coco-Cola Park, home of the Lehigh Valley IronPigs on Sunday May 2nd. This location was a huge success last year. This fun, family-friendly site in Allentown offers a more central location for walkers from throughout the Lehigh Valley.. The walk will start with a lap around the concourse and finish back at the stadium. The DLARC is again supplying communications and volunteers will be needed to insure the complete safety for the walkers throughout the course. Howard / WO3P is chairing the event and will be looking for sufficient number of operators for the event. Contact him at wo3p@arrl.net.

NOTICE: PA QSO PARTY RESULTS

Club member **Tom / N3EBH** was high score again for Union County with a score of 23,696. **Bob / KE3AW** was high score for Lehigh County with a score of 32,428. DLARC high scorer was **Ray / W3TDF** with 137,038 point which made him high for Susquehanna County also, where he operated portable.

NORTHAMPTON COUNTY RACES, ARES & DLARC NET

The Northampton County RACES, ARES and D.L.A.R.C. Net meeting is on Wednesday at 1900 hours local time. It meets on the W3OK Repeater, 146.700, 51.760 and 444.900. With an alternate frequency of 147.135 (+ 600 & pl 167.9) the W3OI repeater. Note: the new alternate frequency is an arrangement with the Lehigh Valley A.R.C. Due to the conversion of the W3OK 145.110 repeater to D-Star. The change has come about due to the institution of an eastern Pennsylvania, New Jersey and New York emergency communication system that uses D-Star as it basis.

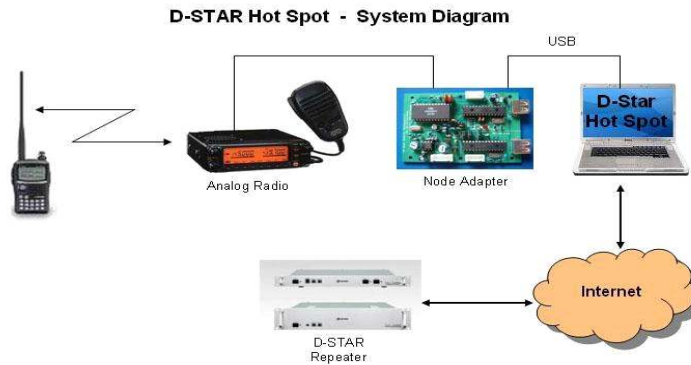


NEWS FROM THE MILK HOUSE

de Dave / K3GMT

January was a busy month with over 140 visitors. We operated three contests in January. The ARRL RTTY Roundup, North American QSO Party (CW) and the North American QSO Party (SSB).

In January several club members set out to build a D-STAR "Hot Spot". A D-STAR "Hot Spot" is software for Windows that creates a D-STAR point of presence utilizing analog radios and a GMSK node adapter. The "Hot Spot" creates RF access to the D-STAR network. With a "Hot Spot" set up, we can use our D-STAR radios to listen to, and talk on, any DPlus (installed on most) equipped D-STAR repeater or reflector. Below is a diagram showing how the hot spot works



Jeff / N3QO provided and installed a Windows server to host the hot spot software, and Dave / K3GMT provided the Node Adapter, power supply, and two Kenwood TM-271A, 2 meter transceivers (one RX, one TX). Howard / W03P and Ken / N3IYX provided their technical expertise to build the cables and install the hardware. Bob / WB3W and Charlie / N3WYO provided brainpower to configure our node adapter and software.

In January the initial test using the club's assigned 145.11 frequency pair proved the system works. At the February meeting the club members voted to convert the 145.11 repeater pair to full time D-STAR use. The analog repeater will not be removed and can be returned to duty if needed.

Bob / WB3W is working to help us to convert our hot spot to a full D-STAR repeater (to allow call sign routing). He is configuring another computer to run Linux to host the server software. An update will follow in the April newsletter.

If you would like to learn more about D-STAR and about "Hot Spots" point your web browser to this link
<http://en.wikipedia.org/wiki/D-STAR>

The Milk House will operate the following contests:

February:

DLARC Sprint, Saturday, February 27, 2010, 10AM to 11AM

North American QSO Party, RTTY, 1800Z, Feb 27 to 0600Z, Feb 28

March:

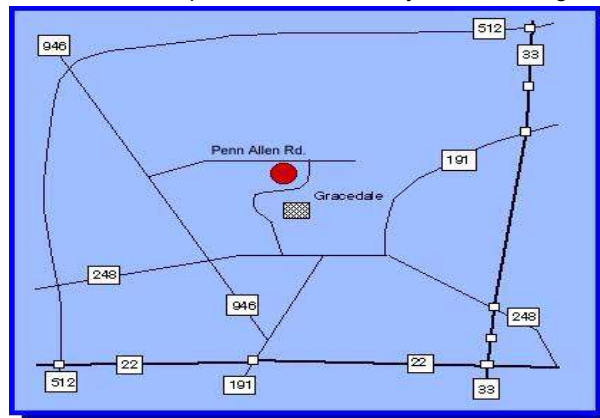
ARRL Inter. DX Contest, SSB, 0000Z, Mar 6 to 2400Z, Mar 7

CQ WW WPX Contest, SSB, 0000Z, Mar 27 to 2359Z, Mar 28

Contests are a great time to pad your logbook with DX contacts or learn a new operating mode. If you are a Technician, you can operate HF from the Milk House using our club call sign W3OK (under supervision of a control operator). The Milk House is equipped to operate four band simultaneously (propagation permitting), using SSB, CW, or RTTY.

Remember the Milk House is open at 7pm on Tuesdays (D-STAR), Wednesdays (anything goes), and most Saturdays (contesting). Wednesday is a great time to help, or get help, with a computer, software, antenna, radio, or interference related problem.

The Milk House is located in the Gracedale complex, behind the Greystone Building, at the foot of the the100 ft. tower.



F.Y.I.

The winners of the February Prizes were **Mitchell / KC2ROD & Ken / N3IYX**
The April Program will be “ **Backyard Astrophotography**” by **Al / W3CE & George / N3SQD**

D-Star Mid-Atlantic Regional net meets the second and fourth Tuesdays of each month on the 147.165 port with a number of other repeaters in Eastern Pennsylvania, New Jersey and New York City area .

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.

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. Every member of the D.L.A.R.C. Is welcome to contribute articles of interest to this newsletter. Opinions, items of interest, and even suggestions towards the improvement of newsletter and/or the DLARC, itself would also be accepted, as a sort of “Letters to the Editor” section.

The Milkhouse telephone number is 484-895-7038.

EXECUTIVE COMMITTEE 2009 – 2010 OFFICERS

President – George E. Wieland III / N3SQD	-----	president@dlarc.org
Vice President – Ben Ramig / KB3CTX	-----	vicepresident@dlarc.org
Secretary – Howard Miller / WO3P	-----	secretary@dlarc.org
Treasurer – Pete Varounis / NL7XM	-----	treasurer@dlarc.org

BOARD of DIRECTORS

Bob Oppen / NE2C	-----	ne2c@arrl.net
Al Wiemann / W3CE	-----	w3ce@arrl.net
Don Holmes / KC3II	-----	kc3ii@dlarc.org
Jon Matson / N3INJ	-----	cjfish@rcn.com
Vic Zeno / N2OFF	-----	vzeno@verizon.net
Jay Mason / N3OW	-----	n3ow@rcn.com

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

CLUB MEETINGS

The D.L.A.R.C. meets the “**FIRST**” Thursday of each month. Membership, friends and interested persons meet at the Nancy Run Fire Company Social Hall (3564 Easton Avenue, 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.

TALK IN ON 146.700 (PL 151.4)

THE W3OK TRUSTEE --- DON REAMER / KA3JWE

**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 147.135 W3OI (+600 PL167.9)

THE NEWSLETTER STAFF

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