

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
FEBRUARY 2011



W3OK

CORRAL

**Club Meeting At the Nancy Run Fire
Company 7:30 PM February 3rd 2011**



Jon / N3INJ presenting his program on the Elecraft K3 HF Radio

MEETING PROGRAM

Jeff Welsh / N3QO

"Computers in the Ham Shack"

Meeting Night Theme
"Ugly Sweater Night."

Whoever gets the most votes will win a prize.

FROM THE PRESIDENT'S SHACK



Listen.....
George / N3SQD

The CQ DX Marathon is on. Our scores for this year long contest are being handled (and the contest is being promoted) by Jay N3OW. Now, I have no expectation of a big score in this contest. But, I am using it for motivation to get on the air a bit more. With my schedule, I need all the motivation I can get. Thank you Jay. If you aren't familiar with this contest, talk to Jay and join in the fun.

As a result, this past Sunday I was tuning around looking for some DX. I found CU2CE in the Azores on 20M. He had a solid S9 signal and a respectable pile-up, so I listened. While waiting for an opportunity to call I heard all manner of stations calling during the ongoing QSO. Finally, at the QRZ I threw out my call. No joy! He responded looking for a call ending in Z. With that came a call ending in N (nary a Z in it...). Once again he requested the call ending in Z. Once again came the call from the station ending in N. This time he made the call ending in Z and started that QSO. At the QRZ at the end of this QSO I again threw my call (as did the station with the call ending in N) as well as a dozen others. He came back to me and we had a short QSO. After my QSO, the station with the call ending in N (from Utah), finally got through. Now there are a number of things that you can infer about that ham (in Utah) from that observation, but I can't find any that are flattering. This got me to thinking that, as hams, we identify ourselves on each of our radio contacts. This is something to keep in mind as we operate. Someone once said (Lincoln, Twain,?) "that it is better to keep ones mouth shut and be thought a fool, than to open it and remove all doubt".

Another time when listening is important (isn't it always) is when working someone operating split. Rare (and not so rare) DX stations often operate split, that is they will transmit on one frequency and listen on some other frequency (actually a range of frequencies). They indicate this a number of ways, such as following their call with and up 5 (KHz) or down 2, or listening up 5 or listening down 2, or with the last 3 digits of the frequency where they are listening. If you hear some rare DX and no one seems to be on their frequency, chances are they are running split. Calling out on their frequency just tends to jam up their operation (and signals your inexperience or lack of attention). Have I done this? Yes, once, as a new ham and before I knew about split. It was pointed out to me very politely. Fortunately, as my friend Van K3CP used to remind me, "ignorance can be cured".

On the VHF repeater front, a couple of points on listening (and curing some bad habits we pick-up operating HF or VHF simplex). When making a call, key the mike and wait a second before speaking. Repeaters need some time to bring up the transmitter (as fast as electronics are, they're not instantaneous). This is especially true when voters and tone decoding is involved as is the case on the .70 machine. If I don't don't do this you'll here something like QD listening. Huh??? Another helpful hint is to wait for the courtesy beep (and maybe a second or two afterward). Some other station may be trying to join the QSO, or report an emergency.

With all the talk in the media about increasing civility in public discourse and my experience this weekend, the above seems appropriate. For those of you that knew this stuff and would never do any of these things, my apologies. I'm not preaching here... just making a few observations. I hope to see you all at the February club meeting.

73 - N3SQD / George

FEBRUARY 2011



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

Ending Balance November 30, 2010 \$2829.87

Mike Gower / KB3LOD
Treasurer / D.L.A.R.C.



VE TEST SESSION

There will not be a test session this month. The next session will be March 4th at 7:00 PM at the Northampton County 911 Center. Pretest registration is required. Contact George / N3SQD at george@bioserv.com or AI / W3CE at w3ce@arrl.net.

NEW MEMBER

The DLARC is continuing to grow, so be sure to greet our new member, shake his hand, and give him a warm welcome to our club. The newest member is **John Greenage / WX3T**.



MINUTES FROM THE JANUARY 6th MEETING

The general monthly meeting of the Delaware-Lehigh Amateur Radio Club Inc. was held at the Nancy Run Fire Company in Bethlehem Township on January 6th 2011

Call To Order: The meeting convened at 1933 hours, President **George / N3SQD** presiding.

Members & Guests In Attendance: 57 with 2 guests

REPORTS:

Approval of the Minutes: 1st **Barry / KU3X**, 2nd **Dave / KB3VFB** - Motion carried

Treasurer's Report : Dues are Due

Approval of Treasurer's Report: 1st **Carl / AA3IX** 2nd **Ken / N3IYX** – Motion Carried

Repeater: noise issue.

N. Philadelphia Digital Club – D Star Discussion about shifting up 5K 105.000; Questions from D Star Committee will be meeting this month or in February on a Tuesday evening if interested in attending this meeting contact **George / N3SQD**

44.9 regular repeater input link to 46.7

Web Page: Current events appropriate changes bring to **Brad / W3JXQ**

VE Session: **George / N3SQD** reported next session January 7, 2011 at the Northampton County 911 Center.

Club Station: 90 visitors last month

Membership: **Dave / K3GMT** reported present membership at 230 . He also presented an application for 1 one new member. **John Greenage / WX3C**. 1st **Bob / NE2C**, 2nd **Bob / KB3ULG** - Motion Carried.

Programs: **Dave / K3GMT** announced these programs;

January: **John / K3INJ**, on the Elecraft K3 HF Radio

February: **Jeff / N3QO**, Discussion on computers in HAM Shack

March; Mini HAMFEST

EVENTS:

Jay / N3OW: CQ DX Marathon – how many DX Stations you can work in a year

AI / W3CE: Reported on his meeting with the Northampton County bureau of Aging. Project Lifesaver Meeting

Wrist bands - 215 MHz band 200-216 channel Radio receivers – Yagi's , Doppler Equipment

Part of ARES – Service to County. In January QST Magazine Excellent article on Project Lifesaver

1st Practice – actual search will coordinate with Public Service after they cannot find the person we will be contacted

Field Day: June 25 -26 at Louis Moore Park Pavilion #5

MS Walk: Sunday May 1st at Coca Cola Park.

MS Bike Run: Bicycling Ride Saturday in July

October Events: Busiest month for activities, with 2 bike runs, the Halloween parade and Garlic Fest. So far!!

Technician Classes: March 8th Attend a local CB Club to see if anyone is interested in attending Tech classes

DLARC Store is open see Pete NL7XM

Be an Angel Campaign – 1st Donation \$25.00 from Ms. Joanne in Coplay

February Meeting Theme Contest: Ugly Sweater - wear your ugliest sweater to meeting. Different contest from month to month prizes awarded.

OLD BUSINESS:

W1AW Trip: continued sign-ups with day of week preference noted..

NEW BUSINESS:

No new Business

ADJOURNMENT: Meeting was adjourned at 8:15 PM by **George / N3SQD** 1st **Howard / WO3P**, 2nd **Jay / N3OW**
Respectfully Submitted,

Doreen / KB3PDL, Secretary

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.

MEETING NIGHT THEME

As you may have noticed, there was an addition of an "Ugly Sweater Theme" listed on the first page of this months newsletter under the up coming monthly program. This is going to be a regular monthly event with the winner decided by the loudest applause from the attending membership and guests With the winner will receiving a prize The theme will change every month and be announced in the newsletter monthly edition. This month, the ugly sweater must be worn to win!!

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 BRAINTEASER ANSWER

Dynamic Range: Ratio of the strongest signal to the weakest signal that a system can respond to within a specified level of distortion. The weakest signal is typically just stronger than the system's internal noise. Generally, a high dynamic range is a desirable attribute of a system, such as a radio receiver, indicating how well it can respond to a weak signal in the presence of strong signals on adjacent channels.

The winner is **Bob / KE3AW**



FEBRUARY BRAINTEASER

Why did the golfer bring two pairs of pants to the tournament?



MEMBERSHIP DUES ARE OVERDUE!

This is your last chance! DUES are payable for the calendar year 2011. Here's how easy it is to remit your club DUES and keep your valuable D.L.A.R.C. Membership current. Whether in person or by mail, **CHECKS made payable to the D.L.A.R.C.** are the preferred method of payment to more accurately record your timely renewal. Please ensure that your callsign appears somewhere on the instrument, such as in the memo field. Paying with cash is discouraged.

If your DUES are not paid by February 1st, your membership will expire and you will be removed from the roster, and you cannot participate in the D.L.A.R.C. 2m Sprint.

2011 DUES Rates / No Changes

Regular Membership 18-64 years of age:

Jan. - Dec.\$17.-

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

Jan. - Dec.\$12.-

Additional Family member

each \$3.-

Associate Individual Membership\$10.-

Please MAIL your DUES forthwith, to:

D.L.A.R.C.

c/o M. Gower / KB3LOD

1511 Shelbourne Drive

Bethlehem, PA 18018-2234



NEWS FROM THE MILK HOUSE

The Milk House continues to host 100 plus visitors last month.

December Visitors = 121

Throughout 2010 many members were involved in upgrading the capabilities of the Milk House. Many of these improvements were documented throughout year and have culminated in creating a multi-operator, multi-mode station. With the exception of EME

and satellite operations, the Milk House is capable of operating virtually any mode, on any band available to the amateur radio operator.

The current antenna configuration at the Milk House include:

Fan Dipole for 160, 80, 40, 20, 15, 10 meters, configured as an inverted V with the peak at 80 ft.

Off Center Fed wire for 80, 40, 20, 17, 12, 10, 6 meters at 50ft.

Dipole for 40 and 15 meter at 40 ft.

Cushcraft R7 Vertical for 40, 30, 20, 17, 12, 10 meters

20 and 40 meter delta loops that can be put up temporarily.

All antennas pass through Poly Phasers and Current Isolator/Baluns as they enter the Milk House. Antennas can be switched to any radio via a patch panel.

Radios include:



Yaesu FT-1000D (200 Watts)

Dual Receivers

Filters: 250, 500, 2.0k, 2.4k

FIF-232C (Computer Control)

MFJ Voice Keyer

Signal Link USB

SP-5 Speaker with Timewave DSP

MD-1 Microphone



Icom IC-7000

LDG 1000Pro Auto Tuner

LDG AT-700 Tuner (for portable ops)

AL-811H Amplifier

ARB-704 amplifier relay buffer

Signalink USB

Winkeyer

Vibroplex paddle

Icom SP-23 Speaker

Heil Traveler Headset



IC-706MIIG
LDG Z-100 Autotuner
Icom SM-20 Microphone



FlexRadio Systems Flex-5000A
Dual Receivers
Internal Auto Tuner
Power SDR v2.0.16 (Beta)
Woodbox Tmate (CAT/VFO)
Bencher Paddles
AL-80A Amplifier
Palstar AT4K Tuner
Heil Pro Set Quiet Phone



Visit your club station and work some contacts. The Milk House is open Tuesday and Wednesday evening at 7pm and most Saturdays.

de **K3GMT**

EDITOR'S NOTE

Pete / NL7XM, Circulation Manager for this newsletter has set up a "PUSH" system where as all members will receive the monthly issue direct to their email address. The problem has arisen where as not all the members have maintained up to date email addresses, causing their newsletter to be returned to Pete. If you did not receive a January newsletter in your email, your address may be wrong. So go to the members listing on the web page and check your email address and correct if necessary. Your correction may be made by going to "Create an Account" list on the web page and entering your corrected email address.

FEBRUARY CONTESTING AT THE OK CORRAL

February 5th & 6th – 10-10 Int. Winter Contest - SSB
February 12th & 13th – CQ WW RTTY WPX Contest
February 19th & 20th - ARRL Int. DX Contest - CW
February 25th, 26th, 27th – CQ 160 Meter Contest - SSB



CQ DX MARATHON

The 2011 edition of the CQ DX Marathon begins at 0000 UTC on January 1, 2011 and runs through 2359 UTC on December 31, 2011. The goal, as always, is to work as many countries and CQ zones as possible at least once during the calendar year. *There are no changes to the rules this year.* Once again we will use a down loadable Microsoft Excel® template (or equivalent) which may be filled in and emailed to a special address as your log entry. Conversion programs are available to automatically populate the template from your logging program. See the DX Marathon website for details. Here are the 2011 rules for the CQ DX Marathon:

Rules, 2011 CQ DX Marathon Activity period:

The CQ DX Marathon is a year-long activity, beginning at 000 UTC January 1 and ending at 2359 UTC December 31. Each year's event is separate.

Frequencies: Any authorized amateur frequency may be used. Contacts through repeaters or satellites are not allowed for credit, nor are contacts with maritime or aeronautical mobile stations. All contacts must be made entirely over amateur radio frequencies—i.e., Echolink-type contacts do not count.

Modes: Any authorized amateur mode may be used. Three modes will be recognized in the DX Marathon: CW, SSB, and Digital. All modes other than CW and SSB will count as Digital. Submissions with all contacts utilizing a single mode will be recognized.

Categories: All awards are for single operator only. Entries with two or more callsigns will only count as a single entry if all contacts were made by the same (single) operator at the same station using the same antennas. There are two entry classes, "Formula" and "Unlimited." *Formula:* An entrant may choose one of two options in this class: (1) All contacts must be made with a maximum output power of 10 watts, regardless of band or mode; or (2) the operator may run a maximum of 100 watts output to a simple antenna, such as a vertical or dipole (see the appendix later on in these rules for further rules on antennas used in either option for Formula class). An operator in Formula class must select QRP (10 watts or less) or 100 watts and limited antennas at the beginning of the year's DX Marathon, and may not switch between entry modes during the year. All contacts must be made without assistance of any sort, including, but not limited to, lists, passes, or use of higher power or prohibited antennas to initially secure the contact. Use of spotting nets such as a DX Cluster® is allowed. *Unlimited:* Any antenna may be used, along with any power level for which the operator is licensed. Use of spotting nets such as DX Cluster® is allowed.

Scoring: Each country worked is worth one point. Each CQ zone worked is worth one point. The total score is the sum of zones and countries worked, on any mode and any authorized band. There are no multipliers of any kind. Each country and zone count only once. A single QSO may count for both a country and a zone. If in the course of the year you work 238 countries and 37 zones, your score is 275. If you work all 40 zones and 150 countries, your score is 190. The CQ DX Countries List and the CQ Zone List constitute the official lists. The lists are available on the DX Marathon web site. In the case of ties, the operator whose last scoring contact was earlier chronologically will be judged the winner. Decisions of the Marathon Manager are final.

Submissions: Submissions must be made electronically, via e-mail to <scores@dxmarathon.com>. A Microsoft Excel® template into which contacts may be entered is available for download from the CQ DX Marathon website at <<http://www.dxmarathon.com>>. *The website also provides other options for those without access to Excel®.* All scores must be received by January 31 following the close of each DX Marathon.

Verification: QSLs are not required. The operator is expected to claim contacts only from stations the operator has every reason to believe are legitimate, and only to claim contacts in which an accurate two-way exchange was clearly accomplished (see Appendix for further explanation). Scores will be adjusted by the DX Marathon committee for claimed contacts with pirates or any station not considered legitimate. Submissions may be penalized or voided in cases of fraud or poor sportsmanship. Submissions that do not provide clear descriptions of Formula class antennas to show that the antennas meet the Formula class antenna rules may be re-classified to Unlimited class. Decisions of the Marathon Manager are final.

Clubs: Clubs are strongly encouraged to use the framework of this contest for intramural and regional competitions.

Claimed Scores: Competitors are encouraged to submit claimed scores to the DX Marathon website throughout the year. The claims will be updated regularly and posted on the website.

Results: The final listing of official scores will be posted on the DX Marathon website after the annual summary of entire winning scores and details is published in CQ magazine.

Awards:

Certificates: Certificates will be issued to the winners from *CQ DX Marathon Administrator each CQ zone and each CQ country. Where there is sufficient activity, additional certificates may be issued for other high scorers or for scores using a single mode.

Plaques: The CQ DX Marathon Committee will award plaques to the top scorer in each class. Additional sponsors are welcome. In all cases, the rulings of the CQ DX Marathon Committee and the CQ DX Marathon Manager are final.

Announcing:

The 2011 CQ DX Marathon

BY JOHN SWEENEY,* K9EL/VA3CDX

2010 Logs Due by January 31, 2011

This year's DX Marathon ends December 31, so it's time to go back through your log, see what you have worked, enter it onto the DX Marathon spreadsheet and then update it with any additional contacts through the end of the year. Don't forget the new countries created from the former Netherlands Antilles recently announced by CQ magazine! (*Note: These islands can count for a "double-dip" if you contacted them both before and after October 10, when their status changed.*) See rule 5 in the main text or the DX Marathon website for details on how and where to submit your log. Remember, log submission deadline for the 2010 CQ DX Marathon is **January 31, 2011. 34 • CQ • December 2010 Visit Our Web Site**

Appendix

Formula Class antennas, option 1: Operators selecting the 10-watt option are limited to antennas on a single tower and whose height does not exceed 65 feet or 20 meters above ground elevation, within 330 feet or 100 meters of the tower base. Wire antennas may also be used but must meet the criteria of the 100-watt option, and may be tower-supported at only one point.

Formula Class antennas, option 2: Antennas for operators choosing the 100-watt option must be either simple verticals or wire antennas lacking significant gain. No arrays are allowed, whether vertical or horizontal, nor are long wires exceeding 130 feet or 40 meters, except on 80 and 160 meters. The base of vertical antennas used must not be more than 33 feet or 10 meters higher than the station floor and may not exceed 65 feet or 20 meters in total height. Dipoles or other wire antennas must not be more than 60 feet above ground. Yagis, quads, or tower mounted antennas (except wire antennas meeting the height limits above) may not be used in this category. **Contacts:** Each contact for a claimed country or zone must be a solid contact. The station claiming a contact with another station is expected to have had his or her callsign fully and accurately received and transmitted by the other station, and to have copied his/her own call being correctly sent by the other station. For example, K2MGA may not claim credit for a QSO with a DX station who had his call as K3MGA, even though in many cases the DX station would QSL the contact with the correction made (after receiving a card from K2MGA, realizing the error and correcting his/her log). For a contact to count, both stations must correctly copy all of both callsigns.

IS HAM RADIO DYING?

By **Dan Romanchik / KB6NU**

If you've been around ham radio for even a year or two, you've no doubt heard or participated in the debate as to whether or not ham radio is dying. The question is as perennial as the grass.

Recently, this was a topic of discussion on the ARRL PR mailing list. Allen, W1AGP, the ARRL's Media & PR Manager, generated a chart to show that ham radio is NOT dying. It showed the number of licensees in the U.S. every year from 2005 to 2009:

2005: 661,000
2006: 655,000
2007: 655,000
2008: 662,000
2009: 681,000
2010: 694,000!

This chart as drawn a good example of how you can lie with statistics. The y-axis started at 640,000, so the rate of increase in the number of licensees looked quite dramatic. Even so, the good news is that the number of licensees is quickly approaching 700,000, and should surpass that number shortly.

[[An image of this chart can be found at <http://kb6nu.com/wp-content/uploads/2010/11/chart1.png>, if you would like to include it in your newsletter.]]

Upon seeing this chart, Jerry, N9TU, did a little statistical analysis of his own. Of the 83 licensees in his zip code, nine are deceased and one has expired. There are four Novices, 36 Techs, 18 Generals, 5 Advanced and ten Extras.

From this data, he deduces, "If this is an average sampling of deceased members, expired members and club licenses, there are roughly 90,000 fewer licensees than shown in the data nationwide. I have no clue of the error rate involved with my data. Your results may vary." My guess is that his zip code is probably pretty typical, and that his analysis is essentially correct.

There's also the question of activity. It's my guess that nearly half of all licensees are inactive, and that if we could figure out a way to activate those hams, then we'd really be able to say that our hobby is not dying. It's something worth thinking about, but there's certainly no easy answer to this problem. As Yogi Berra is purported to have said, "If people don't want to come out to the ball park, there's nothing you can do to stop them."

Overall, though, I think the numbers are headed in the right direction. Ham radio is NOT dying. Let's all keep up the good work.

JANUARY PROGRAM

Jon / N3INJ presented a program on his Elecraft K3 HF Radio. His program had his rig connected to 2 antennas which were on his SUV and **Bob / NE2Cs** car. With video display of the rig on a screen you were able to see every aspect of his rig and what he was explaining. Jon explained why he chose that rig, which was mainly to satisfy his operating style and what he wanted in his rig. The K3 offers many options, of which Jon chose the 100 watt output module to go with his QRP power module. Jon targeted the filtering as his priority and went on to put together everything needed to satisfy his needs, and make his operating experience the best possible.

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.*

CARL MAURER / N3NGL

FEBRUARY 2011 QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 DLARC RACES/ARES Net (KR3U)	3 DLARC MEETING	4 NO VE SESSION	5
6	7	8	9 DLARC RACES/ARES Net (K3GMT)	10	11	12
13	14	15	16 DLARC RACES/ARES Net (WO3P)	17 NewsLetter Articles Deadline	18	19
20	21	22	23 DLARC RACES/ARES Net (KB3CTX)	24	25	26
27	28					

THE DELAWARE-LEHIGH AMATEUR RADIO CLUB IS OFFERING FREE AMATEUR RADIO CLASSES, SPRING, 2011:

The spring entry level amateur radio classes will begin March 8th at the Northampton County 911 Center. The class sessions will run from 7 to 9 PM Tuesdays for 9 weeks, ending with a DLARC VE session. General and Extra classes may also be available. To enroll in the classes and/or more details, including directions to the class location and answers to your questions about amateur radio, please telephone 610-432-8286 or email ke3aw@arrl.net.

2011 MS WALK

The MS walk will be held Sunday May 1 2011 at Coca-cola park, Directions are:

Take U.S. 22 W to Exit for Airport Road South. Merge Right off exit ramp onto Airport Road South. Make a Right on American Parkway (at light, with intersection). Make a Left into Coca-Cola Park complex.

Registration starts at 9 A.M.

Walk starts at 10 A.M.

(Rain or Shine)

Our members should show up at 8:30 am to get into place,

Thank you, **Howard / WO3P**

DID YOU KNOW?

"Stewardesses" is the longest word typed with only the left hand. "lollipop" is the longest word typed with your right hand. No word in the English language rhymes with month, orange, silver, or purple. "Dreamt" is the only English word that ends in the letters "mt". Our eyes are always the same size from birth, but our nose and ears never stop growing. The sentence: "The quick brown fox jumps over the lazy dog" uses every letter of the alphabet. The words 'race car,' 'kayak' and 'level' are the same whether they are read left to right or right to left (palindromes). There are only four words in the English language which end in "dous": tremendous, horrendous, stupendous, and hazardous. There are two words in the English language that have all five vowels in order: "abstemious" and "facetious." TYPEWRITER is the longest word that can be made using the letters only on one row of the keyboard. A cat has 32 muscles in each ear. A goldfish has a memory span of three seconds. A "jiffy" is an actual unit of time for 1/100th of a second... A shark is the only fish that can blink with both eyes. A snail can sleep for three years. Almonds are a member of the peach family. An ostrich's eye is bigger than its brain. Babies are born without kneecaps. They don't appear until the child reaches 2 to 6 years of age. February 1865 is the only month in recorded history not to have a full moon. In the last 4,000 years, no new animals have been domesticated. If the population of China walked past you, 8 abreast, the line would never end because of the rate of reproduction. Leonardo Da Vinci invented the scissors. Peanuts are one of the ingredients of dynamite! Rubber bands last longer when refrigerated. The average person's left hand does 56% of the typing. The cruise liner, QE 2 moves only six inches for each gallon of

diesel that it burns. The microwave was invented after a researcher walked by a radar tube and a chocolate bar melted in his Pocket. The winter of 1932 was so cold that Niagara Falls froze completely solid. There are more chickens than people in the world. Winston Churchill was born in a ladies' room during a dance. Women blink nearly twice as much as men. All the ants in Africa weigh more than ALL the Elephants!! Now you know (a little) more than you did before!!

F.Y.I.

The winners of the January Prizes were **Paddy / AJ3B** and **John / NT3P**
The March Program will be a mini ham fest.

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.

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.

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 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 now as a Magic Jack Phone with the number 484-895-7038.

EXECUTIVE COMMITTEE 2010 – 2011 OFFICERS

President – George E. Wieland III / N3SQD ----- president@dlarc.org
Vice President – Ben Ramig / KB3CTX ----- vicepresident@dlarc.org
Secretary – Doreen Gramling / KB3PDL ----- secretary@dlarc.org
Treasurer – Mike Gower / KB3LOD ----- treasurer@dlarc.org

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Jon Matson / N3INJ ----- cjfishing@rcn.com
Jay Mason / N3OW ----- n3ow@rcn.com
Jeff Welsh / N3QO ----- jeff@jeffwelsh.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 Nancy Run Fire Company
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 147.370 (167.9) W3OI Repeater.

THE NEWSLETTER STAFF

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