

**DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.**  
**JANUARY 2014**



***W3OK***

***CORRAL***

**Club Meeting January 2nd, 7:30PM At the  
Bethlehem Township Community Center**

**JANUARY MEETING PROGRAM**

**“ Electrical Assembly and Automation “  
Paul / N3YNT**



## 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. With the nicer weather, a pre-meeting get together can be had in the pavilions near the parking lot area.



### MINUTES FROM THE DECEMBER MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on December 5, 2013, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

**Call to Order:** Jay Mason / N3OW, President, called the meeting to order at 1933 hrs.

**Pledge of Allegiance:** Led by Jay / N3OW

**Member Happenings:** Jay / N3OW asked if anyone had any ham-related activities they wanted to share. Jon / NJ3I worked the World-Wide DX Contest CQ WW Contest with his friend; WD3J.

Al / W3CE reported that his wife Barbara received her new call, W3ATC. Al added that to celebrate Barbara's general license and new call, they bought a Kenwood TS-590 HF transceiver.

on / NJ3I pointed out that even relatively low scores in contests can produce results. He and Blair / K3YD casually worked last May's CQ World Wide WPX CW Contest in the multi-operator, single-transmitter category and he was never so surprised in his life to find out they won first place in the 3 Call Area with a score of 531,000 points.

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

**Motion:** It was moved by George / N3SQD, second by Chris / NU3L to approve the minutes as presented. **Motion carried.**

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

**Motion:** It was moved by Al / W3CE, second by Barry / KU3X to approve the Treasurer's Report as presented. **Motion carried.**

**Christmas City Special Event Station WX3MAS:** Jon / NJ3I announced the Christmas City Special Event Station WX3MAS will be in operation at the Milk House on Saturday December 14 and Sunday December 15 from 9 am to 6 pm. Jon advised that the notice in the ARRL special event section incorrectly lists Sunday December 15 and Monday December Saturday will include a Christmas party featuring ham and turkey. For anyone coming who would like to bring something, a side dish or desert would be appreciated. Weather permitting Jon will put up his spider beam antenna. Jon encouraged everyone to come out to operate or just stop by.

**Club Station Report:** Howard / WO3P reported that Dave / NB3R was planning to clean up the Milkhouse this Saturday morning to get it ready for the WX3MAS event in case anyone want to stop in to lend a hand.

**Club Repeater:** No issues reported.

**Website Report:** Brad / W3JXQ reported the site was up and running. No issues were reported.

**Membership Report:** George / N3SQD reported that there was one application for membership this month. Michael Mandell / KC3BLF.

**Motion:** It was moved by George / N3SQD, second by Howard / WO3P to accept the new member. **Motion carried.**

**Licensing Classes:** George / N3SQD reported that both the Technician and General Fall classes are over and will be stating again in March.

**New Business:** Jay / N3OW asked if there was any new business.

**Nameplates for the Life Membership Plaque:** Al / W3CE reported that in addition to George / N3SQD, there are two other life members who are not recognized on the life membership plaque. When reviewing an old club ledger book from the late 1960's, Al found there were three life members listed. They are Paul Young, who is recognized on the life membership plaque, and also listed as life members are Jim Niedeck / W3MRW and Olive Sonnenfeld / K3MHP. Al asked if there is a club archivist or club repository for historical documents.

**Adjournment:** There being no further business before the Club, the meeting was adjourned by Jay / N3OW at 1945 hrs.

**Respectfully submitted by John / NT3P, Secretary**

### JANUARY CONTESTING AT THE OK CORRAL



JANUARY 4 & 5 – ARRL RTTY Roundup

JANUARY 11 & 12 – North American QSO Party - CW

JANUARY 18 & 19– Hungarian DX Contest

JANUARY 25 & 26 – UBA DX Contest - SSB



### VE TEST SESSION

There will be a test session this month on January 3<sup>rd</sup> at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact George / N3SQD at [george@bioserv.com](mailto:george@bioserv.com) or Al / W3CE at [w3ce@arrl.net](mailto:w3ce@arrl.net).

### JANUARY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1 <b>NO NET</b>	2 <b>DL ARC MEETING</b>	3 <b>VE SESSION</b>	4
5	6	7 D-Star Mid – Atlantic 7:30 PM	8 DLARC Net ( <b>K3PDL</b> )	9	10	11
12	13	14 D-Star Mid – Atlantic 7:30 PM	15 DLARC Net ( <b>KB3WYJ</b> )	16	17	18
19	20	21 D-Star Mid – Atlantic 7:30 PM	22 DLARC Net ( <b>NB3R</b> )	23 <b>DLARC BOARD MEETING</b>	24	25
26	27	28 D-Star Mid – Atlantic 7:30 PM	29 DLARC Net ( <b>W3CE</b> )	30	31	

### DECEMBER MEETING REPORT



Old and new friends came together for the DLARC's annual holiday celebration. Good food and good company brought the year, 2013 to a close.

## MONTHLY BRAIN TEASER

"A special prize awaits the first Club Member to submit the correct answer to this month's Brainteaser to the Pete / NL7XM, *only*, at nl7xm@arrl.net The winner must be present at the next Meeting to receive it, or it goes unrewarded. Officers, Board members, Newsletter staff, and Brain Teaser Authors are not eligible to win."  
de Pete / NL7XM



## DECEMBER BRAINTEASER ANSWER

**21; six Brown eyed brunettes, three Just Brown eyed, nine just brunette, three neither**



**NO WINNER**

## JANUARY BRAINTEASER

What number multiplied by itself is equal to the product of 207 x 1472?

## RILEY HOLLINGSWORTH / K4ZDH RECEIVES HONORS

Congratulations to EPA section member Riley Hollingsworth, K4ZDH, who was recently awarded the coveted Sarnoff Citation by the Radio Club of America, an organization of professionals in wireless communications, and the oldest radio society in the country, started in 1909.

While not an amateur radio club, there are many radio amateurs who are members. Notably, RCA members include ARRL president Kay Cragie and CEO Dave Sumner. Historic members include radio pioneers, such as Edwin Armstrong, the inventor of FM radio. I have had the pleasure of being an RCA member for some 20 years. I currently serve as it's Vice President and General Counsel. Riley's award was just covered in a recent ARRL newsletter, but you may not have realized he is an ARRL member here in the EPA Section.

At the annual RCA banquet in Orlando, FL recently, I had the pleasure of introducing Riley and presenting his history as the award recipient to about 170 attendees. Riley was unable to attend the event and requested me to on his behalf. The citation recognizes individuals who have contributed to the advancement of electronic communications in any significant manner, including nontechnical support of the wireless industry. Other Sarnoff Citation laureates include US Senator Barry Goldwater, K7UGA (SK), ARRL Roanoke Division Director Dennis Bodson, W4PWF, and two-way radio pioneer Fred M. Link, ex-W2ALU (SK).

In his FCC Enforcement Bureau position, Hollingsworth, who retired in 2008, revived enforcement of Amateur Service rules and regulations.

"I could never adequately thank the Radio Club of America for this award," Hollingsworth said in a statement he asked me to read. "To receive this -- and it is still hard to believe -- from such a prestigious organization is an amazing journey from a 13 year old boy in South Carolina who came to appreciate the magic of radio. Thank you all, and thank you very much for benefiting the entire nation by helping so many people choose a career in wireless."

Once again EPA members have the bragging rights they so richly deserve. Congratulations to our EPA ARRL colleague, Riley Hollingsworth, K4ZDH.

A fraternal 73

Bob Famiglio, K3RF, EPA SM

## ARRL GRANTED USE OF W100AW FOR LEAGUE'S CENTENNIAL

The FCC has authorized the Maxim Memorial Station W1AW to also use the call sign W1ØØAW during 2014, the ARRL's centennial year. Contacts made from the Maxim Memorial Station in Newington, from regional Centennial conventions, and during the IARU HF Championship will use W1ØØAW, with portable designators as appropriate. The "W1AW WAS" operations throughout 2014 from each of the 50 states will use W1AW, not W1ØØAW. Bulletins and code practice transmissions during 2014 also will still use W1AW.

Contacts with W1ØØAW will be worth 100 points in the ARRL Centennial QSO Party. To help kick off the ARRL Centennial, special W1ØØAW activity will begin at 0500 UTC on January 1, 2014 (midnight in Newington), and will include participation in ARRL's Straight Key Night; one CW station will use Hiram Percy Maxim's straight key.

Activity will continue throughout New Year's Day.

## NEW MEMBERS

The DLARC is continuing to grow, so be sure to greet our new members, shake their hands, and give them a warm welcome to our club. The newest member is Michael Mandell / KC3BLf..

## THANK YOU

**Thank you to the members who helped me retrieve a tower and antennas. I could not have done it without you. It was, and still is, greatly appreciated.**

**Peggy Moser / KC3BNQ**



## THE AMY ZIMMERMAN AWARD

### PURPOSE;

Ham Radio-related humanitarian act, deed or service that benefited the community. This award was originally conceived as a memorial to Amy Zimmerman for her service in the community and amateur radio.

- a. Qualifying act, deed or service should benefit those outside of amateur radio. (example: hams working with non-hams)
  - b. A single extraordinary act, deed or service could qualify. (working the 9/11 disaster)
  - c. Qualifications should not include normal everyday operating or contesting.
  - d. Qualifications should not include being an event chairperson of a single event every year.
1. An individual may receive the award more than once, but not for the same reoccurring act, deed or service. Multiple awards will be given for cooperative efforts by any members.
    - a. A description of the act, deed or service which qualified the individual or individuals for the award must be entered into the Executive Committee minutes
    - b. and the minutes of the general club meeting at which the award was presented.
  2. Only DLARC club members in good standing are eligible for the award. They must also have been members of the club at the time they performed the activities for which the award is being presented.
  3. The award is to be considered and reviewed each year, but may not necessarily be presented each year if there are no qualified candidates.
    - a. A three person committee is to be formed each December by the executive committee consisting of the past president and two club members at large.
    - b. The committee's function is to determine candidates who qualify for the award (either through suggestions from other club members and/or their own deliberations) and present them to the executive committee at the January executive committee meeting, as potential recipients. The executive committee may add or subtract from the committee's list of nominees the name of any qualified club whom they believe does not meet the eligibility requirements of the award.
    - c. The award winner will be decided by a majority vote of the executive committee.The award consists of the following:  
The Amy Zimmerman Plaque and a press release to the ARRL and local news agencies .

### “AMY ZIMMERMAN AWARD”

Please fill out this form and nominate your choice for The Amy Zimmerman award. The award will be chosen from these nominations by the award committee. The award committee will present their recommendation to the Executive Committee for final approval. The award will be presented at the March general meeting. Return this form to any Executive Committee member.

I nominate \_\_\_\_\_

for the Amy Zimmerman award. Because: (Use additional pages if necessary)

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## MEMBERSHIP DUES ARE DUE!

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

2014 DUES Rates / No Changes  
Regular Membership 18-64 years of age:  
Jan. - Dec. ....\$17.-  
65 and over, or retired from all forms of employment (no age limit)  
Jan. - Dec. ....\$12.-  
Additional Family member  
each \$3.-  
Associate Individual Membership  
\$10.-

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

**Michael J. Gower**  
**1511 Shelbourne Drive**  
**Bethlehem, Pa. 18018**

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

de **Mike / KB3LOD, DLARC Treasurer**

### HARD COPY SUBSCRIPTION

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

### RACES EMERGENCY REQUIREMENTS

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, on site RACES emergency operations. These courses can be taken on line by going to [www.fema.gov](http://www.fema.gov) and following the directions. These requirements are not needed to participate in the weekly Wednesday nets. The only requirement for these nets is a valid amateur radio license and an interest in emergency communications.

### 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](mailto: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.



## THE DLARC FORUM

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.gth/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

## REPEATER ETIQUETTE

Atlantic County ARES Web Page Via **Bob Green / KE3AW**

Every couple of years it seemed we used to "remind" operators using our repeaters of the proper etiquette to be used on W3OK. With numerous new hams over the past couple years, or hams new to this area, it may be worth considering using/altering to suit us some such guide to operators in our club. I know, from recent questions to me about a number of points covered in this article, below...

### **Here is the Delaware-Lehigh Amateur radio Club Repeater Etiquette.**

Use of the W3OK Repeater

- 1-Usage will be in accordance with FCC Rules Part 97.
- 2-Users will comply with directives of the control operator.
- 3-Transmissions will be courteous and professional. (See Basic Repeater Etiquette Below)
- 4-The time out timer is set for 90 Seconds. Keep transmissions under that time. Leave breaks between transmissions so the repeater can drop and the time out timer resets.

### **Basic Repeater Etiquette**

- 1-Starting a QSO via a directed call. There are two main ways by which a QSO can begin, one is via a directed call and one is via monitoring. A directed call is where one amateur calls another amateur individually, such as "N3XYZ from K3ABC". In such a case, K3ABC is looking for one particular individual, N3XYZ. It generally is not an invitation for anyone other than N3XYZ to return the call. If N3XYZ doesn't answer the call, K3ABC may just clear off by saying "K3ABC clear", or may clear and listen for other calls by saying "K3ABC clear and listening". The "and listening" or "and monitoring" implies they are interested in hanging around to QSO with anyone else who might be listening at that time. "Listening" and "monitoring" don't mean you are listening to somebody else's conversation, they mean you are listening for other people who may want to call you to start a new QSO. Likewise, just saying your call by itself with nothing following it is meaningless. If you were to say "N3XYZ", people listening wouldn't know if that means you were monitoring for calls, whether you were testing, or whether they missed the callsign of a party you were calling. Be concise, but be complete.
- 2-Starting a QSO via a monitoring call. If the repeater is not in use, simply stating your callsign followed by "listening" or "monitoring" implies that you are listening to the repeater and are interested in having a QSO with anyone else. Calling CQ on a repeater is generally not common, a simple "N3XYZ listening" will suffice. There is no need to repeat the "listening" message over and over again as you might do when calling CQ on HF. Once every few minutes should be more than sufficient, and if someone hasn't answered after a few tries, it probably means there is nobody around. If someone is listening and wants to QSO, they will answer back. Avoid things like "is anybody out there" or "is there anybody around on frequency"; it sounds like a bad sci-fi movie.
- 3-Joining a QSO in progress. If there is a conversation taking place which you would like to join, simply state your callsign when one user unkeys. This is the reason for having a courtesy tone: to allow other users to break into the conversation. One of the stations in QSO, usually the station that was about to begin his transmission, will invite you to join, either before making his own transmission or afterward. Don't interrupt a QSO unless you have something to add to the topic at hand. Interrupting a conversation is no more polite on a repeater than it is in person.
- 4-Interrupting a QSO to make a call. If you need to make a directed call to another amateur but there is already another QSO going on, break into the conversation during the courtesy tone interval by saying "Call please, N3XYZ". One of the stations will allow you to make your call. If the station you are calling returns your call, you should quickly pass traffic to them and relinquish the frequency to the stations who were already in QSO; don't get into a full QSO in the middle of someone else's conversation. If you need to speak with the party you call for a significant length of time (say, more than 15 seconds), ask them to either wait until the current QSO has cleared, or ask them to move to another repeater or simplex channel to continue the conversation.

- 5-Round tables and "Turning it Over". When more than two amateurs are in a QSO, it is often referred to as a "round table" discussion. Such a QSO's usually go in order from amateur A to amateur B to amateur C ... and eventually back to amateur A again to complete the round table. To keep everyone on the same page, when any one amateur is done making a transmission, they "turn it over" to the next station in sequence (or out of sequence, if so desired). Without turning it over to a particular station when there are multiple stations in the QSO, nobody knows who is supposed to go next, and there ends up either being dead silence or several stations talking at once. At the end of a transmission, turn it over to the next station by naming them or giving their callsign, such as "...and that's that. Go ahead Joe." or "....and that's that. Go ahead XYZ." If it's been close to 10 minutes, it's a good time to identify at the same time as well, such as "...and that's that. N3XYZ, go ahead Joe."
- 6-IDing and Who's Who? By FCC regulations, you must always identify at 10 minute intervals and at the end of a transmission. If you are making a test transmission or calling another party, this is a one-way transmission. Since it has no "length" as there is no QSO taking place, you should identify each time you make a call or a test transmission. When identifying yourself and another party (or parties), or when making a directed call, your callsign goes **LAST**. "N3XYZ, K3ABC" means that K3ABC is calling N3XYZ, not the other way around. There is no need to identify each time you make a transmission, only once every 10 minutes. You do not need to identify the station with whom you are speaking, only your own callsign, but it is generally polite to remember the call of the other station. Avoid phonetics on FM unless there is a reason for using them, such as the other station misunderstanding your callsign. When phonetics are needed, stick to the standard phonetic alphabet.
- 7-Demonstrations. From time to time, an amateur may want to demonstrate the capabilities of amateur radio to another non-amateur. The typical way to do this is to ask for a "demo" such as "N3XYZ for a demonstration." Anyone who is listening to the repeater can answer them back. Usually telling the calling party your name, callsign, and location is what they are looking for, not a lengthy conversation. Someone doing a demo may ask for stations in a particular area to show the range of amateur radio communications, such as if the calling station is in the Poconos they may ask for any stations in south Jersey or Harrisburg areas, which is more interesting than demonstrating that they can talk to someone in the same town as they are in.
- 8-Signal Reports. If you are unsure how well you are making it into the repeater, **DO NOT** kerchunk the repeater. Any time you key up the repeater, you should identify, even if you are just testing to see if you are making the machine. "N3XYZ test" is sufficient. Do not use the repeater as a "target" for tuning or aiming antennas, checking your transmitter power, etc. Use a dummy load where appropriate, or test on a simplex frequency. If you need someone to verify that you are making the repeater OK, ask for a signal report such as "N3XYZ, can someone give me a signal report?" "Radio check" is a term most often used on CB, "signal report" is what most amateurs ask for.
- 9-Language. Aside from some of the techno-syncretisms inherent in amateur vernacular, use plain conversational English. The kind of English that would be suitable for prime-time television, not R rated movies. Avoid starting or encouraging conflicts on the air. If a topic of conversation starts to draw strong debate, change the subject. Avoid "radio-ese" lingo whenever possible. CB has its own language style and so does amateur radio, but the two are not the same. Amateurs have "names", not "personals". Although many new hams have graduated from the CB ranks, let's try to keep CB lingo off the amateur bands. When visiting a new repeater, take some time to monitor before jumping in to get a feel for the type of traffic and operating mannerisms of that particular system. Some repeaters are very free-wheeling in that there are people jumping in and out of conversations constantly. Others primarily have directed calls on them and discourage ragchewing. Others are member-exclusive repeaters. Listen before you talk, when in Rome do as the Romans do.
- 10-Emergencies. If there is a QSO going on, break into a conversation with the word "Break" or "Break for priority traffic." **DO NOT USE THE WORD BREAK TO JOIN IN A QSO UNLESS THERE IS AN EMERGENCY!** All stations should give immediate priority any station with emergency traffic.
- 11-Malicious Interference. If there is malicious interference, such as kerchunking, touch-tones, rude comments, etc. **DO NOT ACKNOWLEDGE IT!** Continue the QSO in a normal fashion. If the interference gets to the level where it is impossible to carry on the QSO, simply end the QSO as you normally would.
- 12-Power. Use the minimum power necessary to complete a QSO. However, the minimum power necessary doesn't just mean you are barely tickling the repeater receiver squelch. If someone says that you are noisy, increase power or relocate or take whatever measures you can to improve your signal. Continuing to make transmissions after being told your signal is noisy is inconsiderate to those listening. The amateur radio manufacturers continue to come up with newer, smaller handheld radios, many with power levels well under a watt. Many new amateurs start out with a handheld radio as their "first rig". Although convenient, they aren't the most effective radios in terms of performance. Without a good external antenna, operating a handheld radio indoors or inside a car is going to result in a lot of bad signal reports.

## 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.**

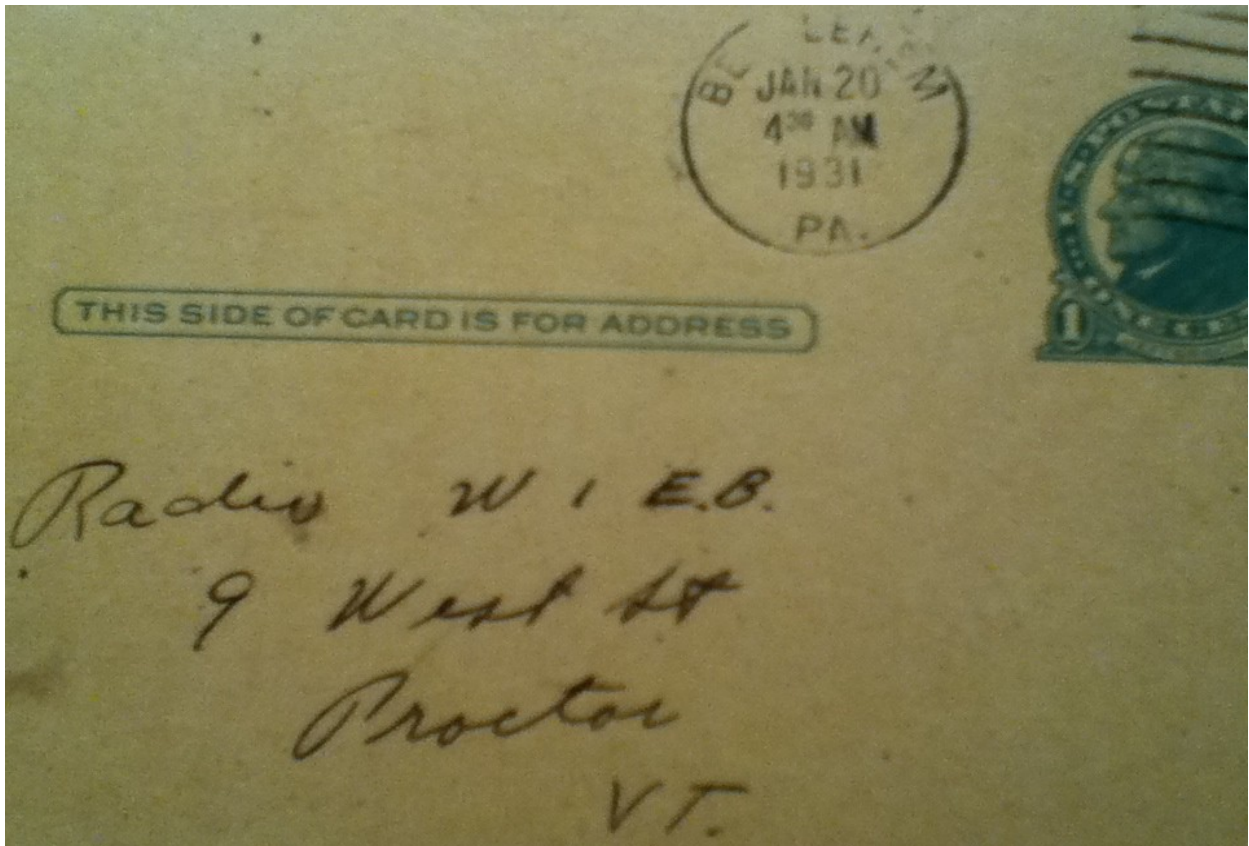
## HELP THE ENVIRONMENT

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.



**FROM THE PAST**

The 1931 QSL card of DLARC's first president, Ed Hartman / W3OK of Bethlehem, to W1EB in Vermont. As a tribute to Ed, this is now the official DLARC Club callsign.



Photos and Card courtesy of the NL7XM Collection



WX3MAS 2013



**F.Y.I.**

The February Program will be "The History of Bethlehem's Sun Inn" - "Bucky" Szulborski.

The D.L.A.R.C. meets the "FIRST" Thursday of each month. Membership, friends and interested persons meet at the Bethlehem Township Community Center, 2900 Farmersville Road, Bethlehem, Pa. 18020 ) at 7:30 PM. Committee reports and announcements of all present and future activities will be presented at that time. Followed by that month's program.

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

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

Mid-Atlantic D-Star Net meets each Tuesday at 7:30 PM. The following repeaters Dstar repeaters are available in the Lehigh Valley. W3OK -145.11000MHz -0.600 Port C – W3OI -147.16500MHz +0.600 Port C, – W3OI - 445.02500MHz -5.000 Port B All repeaters on the net are linked through **Reflector 020 port A**, so all stations checking into the net should make sure that they have *their local repeater call sign followed by the letter "G" in the eight position of the RPT2 field*. Otherwise, you will only be heard locally and not over the Reflector. Dongle users wishing to check into the net should Log On by connecting directly to Reflector 20, port A, rather than through your local repeater in order to conserve local bandwidth.

The OK Corral is an organization publication for the purpose of informing members of the D.L.A.R.C. of educational and training opportunities, club events, relevant news articles and a monthly calendar of daily activities, meetings and dates.

The Clubhouse telephone number is 484-895-7038.

**EXECUTIVE COMMITTEE 2012 – 2013  
OFFICERS**

President – Jay Mason / N3OW ----- president@dlarc.org  
Vice President – Dave Blankenship / N3EYT ----- vicepresident@dlarc.org  
Secretary – John Barbaz / NT3P ----- secretary@dlarc.org  
Treasurer – Mike Gower / KB3LOD ----- treasurer@dlarc.org

**BOARD of DIRECTORS**

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

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

All regular meetings of the D.L.A.R.C. Are held on the first Thursday of each month at 7:30 PM at the Bethlehem Township Community Center  
TALK IN ON 146.700 (PL 151.4 )

**THE W3OK TRUSTEE --- Barry Vogt / N3NVA**

**The W3OK Corral is published monthly and is the Official Publication of the  
DELAWARE LEHIGH AMATEUR RADIO CLUB INC.  
14 Gracedale Avenue  
Nazareth, Pa. 18064-9211**

**ARES, RACES AND DLARC NET**

All Radio Amateurs are welcome to participate in the ARES, RACES and DLARC net. This net meets Wednesday at 1900 hours local time, on the W3OK Repeater 51.76, 146.70 and 444.90 ( pl 151.4 ). With an alternate frequency of 147.370 ( 167.9 ) W3OI Repeater.

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