

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
FEBRUARY 2015



W3OK

CORRAL

**Club Meeting February 5th, 7:30PM At the
Bethlehem Township Community Center**



**Power Line RFI
“ Trials & Tribulations “
Stephanie / WX3K**

FEBRUARY MEETING PROGRAM

**“ LIBRARY SCIENCE”
Easton Library Director
Jennifer Stocker**



MINUTES FROM THE JANUARY MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on January 8, 2015, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

Call to Order: Jay / N3OW-President, called the meeting to order at 1935 hrs.

Pledge of Allegiance: Led by Jay / N3OW

Member Happenings: Jon / NJ3I reported his participation in the RTTY Roundup. He also noted that the W3XMAS special event was a success. Pete / NL7XM showed two interesting QSL cards from the 1940s. Barry / K3UX showed a miniature antenna analyzer, a MFJ 223 that does up to 6 meters for which he has posted a You Tube video.

Proposal For Board Consideration: Mark / N2BR asked the Board to consider purchasing a Yaesu System Fusion 2M/440 repeater that is capable of operating in digital and analog modes. Yaesu is offering the repeater to ham clubs at a reduced price of \$500.

Approval of the Minutes: Larry / AB3TY asked if there were any additions, or corrections to the minutes as they appeared in the last newsletter. None were noted. Jay / N3OW asked for a motion to approve the minutes of the last meeting.

Motion: It was moved by Doreen / K3PDL second by Bob / NE2C. **Motion carried.**

Treasurer's Report: Mike / KB3LOD presented the Treasurer's Report for November. Jay / N3OW asked for a motion to accept the report as read.

Motion: It was moved by Pete / NL7XM, second by Barry / KU3X, **Motion carried.**

Website Report: Various members voiced concern that the website was not up to date. Jay / N3OW said that the CallFire list was also not up to date and that both issues will be addressed.

Club Repeater: No issues or problems reported.

Club Station: Jay / N3OW reminded that the Milkhouse is open every Wednesday evening and most weekends. The HF station is available to all members.

Membership Report: No new members were announced.

Guests: Joann Schaeffer. Joann is enthusiastic about becoming a Ham and will be in the tech education class. She was a guest of Larry / AB3TY.

HT Giveaway: Jay / N3OW announced that the Board was initiating a new program of giving a HT away as part of the General Meeting's raffle. One HT will be raffled each quarter with two being raffled at a meeting directly following the end of each education class, for a total of eight for the year.

CallFire: Bill / K3ANS inquired why the Robocalls were not being done to remind members of the upcoming meetings. Ben / KB3CTX said he was waiting for an updated list from George / N3SQD which should follow the payments of member's dues as there was incorrect phone numbers on the current roster. Pete / NL7XM suggested that all members check their own information and update if necessary.

Member Dues: Jay / N3OW stressed that those members not being marked as paid by the March meeting will no longer be considered members, will have to re-apply and be voted back in.

Gary / N2AUO: Jay / N3OW offered that Gary was in the hospital at Fountainhill Bethlehem and asked that Gary be kept in the members' thoughts and prayers.

Adjournment: There being no further business before the Club, Jay / N3OW adjourned the meeting at 1958 hrs.

Respectfully submitted by Larry / AB3TY, Secretary

FEBRUARY QUICK CHECK CALENDAR

SUNDAY		TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2 QCWA Net 8:30 PM	3 D-Star Mid – Atlantic 7:30 PM	4 DLARC Net (K3PDL)	5 DL ARC MEETING 7:30 PM	6 NO VE SESSION	7
8	9 QCWA Net 8:30 PM	10 D-Star Mid – Atlantic 7:30 PM	11 DLARC Net (KB3WYJ)	12	13	14
15	16 QCWA Net 8:30 PM	17 D-Star Mid – Atlantic 7:30 PM	18 DLARC Net (KC3AHT)	19 DLARC BOARD MEETING	20	21
22	23 QCWA Net 8:30 PM	24 D-Star Mid – Atlantic 7:30 PM	25 DLARC Net (NB3R)	26	27	28

NOTICE NOTICE NOTICE

Article IV: Section 3: Failure to pay annual dues by the February meeting shall result in the membership being terminated. Reinstatement to membership by the march meeting will be accepted with out penalty. Thereafter reinstatement application shall be the same as for a new member.

MEMBERSHIP DUES ARE DUE!

It's that time, already! DUES are payable for the calendar year 2015. 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 call sign 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.

2015 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 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@arrl.net

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FEBRUARY CONTESTING AT THE OK CORRAL

February 7 & 8 – 10-10 int. Winter Contest - SSB
– Mexico RTTY International Contest
February 14 & 15 – CQ WW RTTY WPX Contest
– Dutch PACC Contest
February 21 & 22 – ARRL Int. DX Contest - CW
– REF Contest - SSB
February 28 & March 1 – CQ 160 Meter Contest – SSB
– UBA DX Contest - CW



JANUARY PROGRAM REPORT

The January program was the recounting of Stephanie / WX3K's five-year odyssey to have her local power company make the necessary repairs to minimize the RFI she was experiencing while pursuing her hobby, amateur radio.

She began by attempting to contact the power company through the normal customer contact procedure and while receiving acknowledgment, no action was taken. She continued by using her power company's customer contact e-mail. She received acknowledgment from the company's investigating engineer. He reported no problems to the power poles in her area.

At this point, she began using a homebrew transmitter hunting antenna, her amateur radio's S-meter and her cell phone, to locate and record the readings she was getting. These readings, she posted on Youtube. She followed this video with additional videos.

While receiving acknowledgments, no additional actions were taken. At this point Stephanie contacted the ARRL, and EPA section manager, K3RF. It was following these letters, that action began. The ARRL contacted her power company's president and she finally received not only acknowledgment but a promise to correct the problem. The correction began, but Super Storm Sandy struck, and the repairs were delayed for several months due to the necessity of the repairs needed following the the storm. At which time, all the bell style insulators were replaced, not only on the main problem power pole, but on the poles in her development. Thus making it possible for her to enjoy her hobby again.

Stephanie concluded with this advice to any member who may have a similar problem. Her advice was always be polite and persevere. Let the companies know won't quit.

Stephanie then proceeded with the normal question-and-answer session.

If you were not here for this informing program, you missed another good one.



NEWSLETTER ARTICLES WANTED

Many DLARC members have discovered various insights to our hobby. Insights which would be of help and interest to other club members. A small article on these discoveries in the newsletter will inform other club members, and assist them to the benefits of your expertise.

An article on your favorite part of ham radio and how you go about enjoying it, for example, QRP CW operations, as chasing DX or building items for your shack. This is another way to share your interests with other club members and maybe to find another member with your interests.

This article need not be long nor high tech, but just a way to spread such information to other club members and possibly find someone else to share your enthusiasm. It could open a window for a new ham or even re-open an old window for the long-time ham. It would be a good way to share the wealth of knowledge within our club.

de **Don / KC3II**, Editor

VE TEST SESSION

There will not be a test session this month. The next session will be on March 6th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact George / N3SQD at george@bioserv.com or Al / W3CE at w3ce@arrl.net.

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

JANUARY BRAINTEASER ANSWER

486 (not 1/3 of 162, but 163 divided by .333333333)

Winner – Ken / KB3MDT

FEBRUARY BRAINTEASER

If a ham operator can make four scheduled contacts in an hour, he will only have to make three contacts in his final hour. But if he can make five contacts in one hour, he will only need to make four contacts in his final hour. What is the smallest number of contacts he must make?

THANK YOU ATLANTIC DIVISION MEMBERS

I wanted to announce a new Atlantic Division appointment – Diane Ryan KC2SOA was appointed to an Atlantic Division Assistant Director position.

As this year comes to a close and my term of office as the Atlantic Division Director also comes to a close, I'd like to extend my warmest thanks to each Atlantic Division member for your support of amateur radio, the ARRL and for allowing me to represent you on the ARRL Board.

You have given me a unique opportunity to serve on the board of an outstanding membership based organization that represents amateur radio operators from many different backgrounds and occupations but all with a love for communications through RF.

You gave me the opportunity of a lifetime to work alongside some outstanding members, board members, government staff and ARRL staff. Some of you have become very dear friends and I can't begin to tell you how much that is treasured.

There are several people who I truly need to acknowledge:

Past Director Bernie Fuller N3EFN – I had the very distinct pleasure of working with Bernie for over 20 years in various amateur radio appointments and projects. Bernie has been an outstanding mentor and collaborator. His advice has always been deeply appreciated.

Director-Elect Tom Abernethy W3TOM – When Tom and I ran as a team for Atlantic Division leadership over nine years ago, we were truly committed to a team approach. Tom and I operated as a team talking constantly about division and ARRL issues. Tom's unwavering support was truly instrumental in my success in representing the Atlantic Division on the ARRL Board. It was a real pleasure to see that Tom was chosen by the Atlantic Division members to serve as your next Atlantic Division Director. I know Tom will do an outstanding job for our members.

A big tip of the hat goes to:

Assistant Directors: Debbie Abernethy KA3VNF, Jason Bange KB3PJF, Lloyd Caves N2PU, Viv Douglas WA2PUU, Pam Edgar KB3SVG, Ed Gable K2MP, Brandon Graham KB3IGC, John Rodgers N3MSE, Diane Ryan KC2SOA, Steve Ryan N2ITF (SK), John Szwarc N3SPW, Bill Thompson W2MTA, Gregg Young KE2VW and Tony Zona WB3KGT

Division Legislative Action Chair: Dave Prestel W8AJR

Section Managers (past and present): Jim Cross W13N, Tom Dick KF2GC, Bill Duveneck KB3KYH, Bob Famiglio K3RF, Frank Filipkowski AD3M, Eric Olena WB3FPL, Larry O'Toole K3LBP, John Rodgers N3MSE, George Strayline W2GSS, Bill Thompson W2MTA and Tom Valosin WB2KLD

Advisory Committee Representatives: Chas Fulp K3WW, Chris Shalvoy K2CS, Jim Cross W13N and Joe Taylor K1JT

Best wishes for a healthy and happy New Year!

Bill Edgar N3LLR

IMPORTANT NOTICE

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

WX3MAS 2014, THE DLARC ANNUAL CHRISTMAS CITY SPECIAL EVENT STATION



Barbara / W3ATC and Steve / KB3WYJ



Dan / AB3VU and Charles / KC3DVM with Dave / NB3R



Jay / N3OW on 10 meters



Bob / NE2C Checking the history of the special event



Doreen / K3PDL a little chilled at the moment but operating



George / N3SQD on 40 meters

Photos by Bob / KE3AW

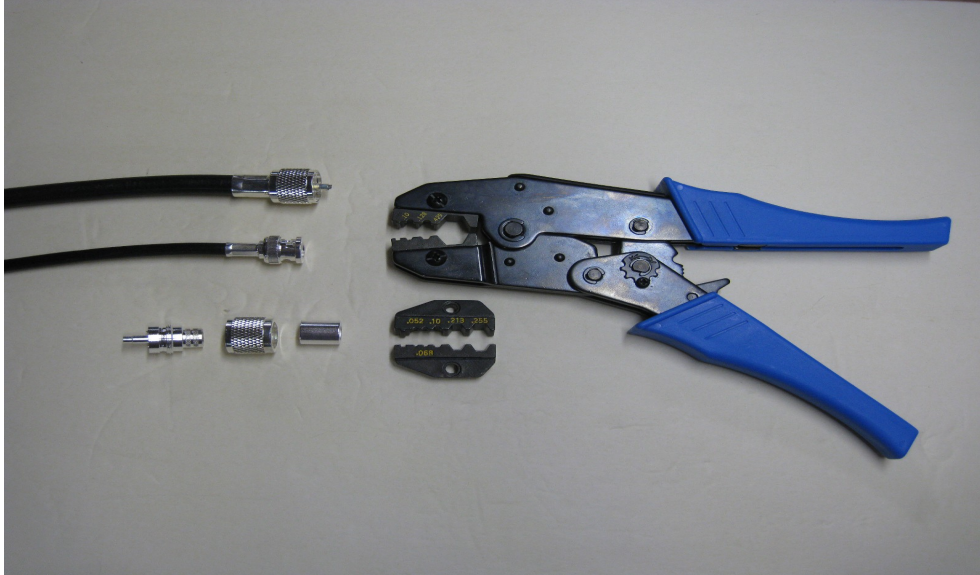
RF CRIMP CONNECTORS

Barry G. Kery, KU3X

I had a PL 259 fail on the top of my 73 foot tower. Trying to solder on a new connector while there is a slight breeze is not an easy task. I even wrapped my light jacket around the tower to try to keep the breeze away from my work area. I was using a 350 watt Weller soldering gun and finally got the job done. I knew there had to be a better way.

I knew about crimp type RF connectors but was not sure how well they would hold up. After meeting with some big gun contesters, they assured me the crimp type connectors are the way to go.

Max-Gain Systems, Inc had just what I needed at a very reasonable price. The ratcheting handle cost \$29.95 and the interchangeable dies cost \$14.95 each. Since I use numerous types of coax cables and RF connectors, I opted to purchase a complete package. Max-Gain also stocks numerous types of RF crimp connectors. Delivery was fast, I received my order in three days shipped via priority mail.



I found YouTube very helpful in learning, not only how to prepare the coax cable, but how to crimp the the connectors. I did not realize that you do not have to solder the center conductor to the center pin of the PL 259 or the Bayonet Neil Concelman (BNC) connector. It also gets crimped on. You can solder the center pin if you like, but there is no need to.

Once crimped, you will not be able to pull the connector off of the coaxial cable. It is a very mechanically and electrically strong connections. My Off Center Fed 80 meter antenna is about 55 feet in the air and the RG 213 coax hangs from the antenna, with no supports, until it reaches ground level. The entire weight of the coaxial cable is hanging on one PL 259 connected to the balun. No need to worry about this connector pulling apart.

When it comes to crimping the center pin, there is one thing you need to know, "never crimp to a solid center conductor." RG 58 uses a solid center conductor and it must be soldered. Coaxial cable like RG-213 and RG-8X uses stranded center conductors, crimping this is fine, soldering is optional.

Making the change from solder type connectors to crimp type connectors is the way to go. I will never solder a PL 259 to RG 213 again.

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.

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.

EPA SECTION AND THE YEAR AHEAD

Fellow Amateurs of the ARRL EPA Section,

I want to let everyone in EPA know there will be important leadership announcements coming in the next few days. By way of introduction and background, let me take a moment to express my appreciation and gratitude for the trust placed in me by my predecessor, Vice Director Bob Famiglio K3RF and by Director Tom Abernathy W3TOM who respectively recommended and appointed me to complete Bob's term. The job of Section Manager has got to be one of the great unheralded positions and it is much like trying to take a sip of water from a fire hose. That is to say, "you'll get your drink, alright!"

EPA Section has long been a leader within the ARRL itself. Of course our current League president, Kay N3KN and her husband Carter N3AO are but two well known alumni with lifetimes of dedication. Another example at hand is Vice Director Famiglio's service as Volunteer Counsel. His tremendous and on-going legal work on the well-known tower case coming out of Chester County has implications for the entire Mid-Atlantic region of the U.S. We can each rattle off a catalog of fellow members who made -- and make -- a real difference in our radio lives and beyond.

With that in mind, we believe the best stewardship opportunity is to concentrate on organizational matters for EPA, the sort of dreary drudge-work no one relishes but which, from time to time, must be done nevertheless. To that end, look for announcements of new Section leaders with successful organizational experience and significant responsibilities not only in their Amateur Radio careers but in their professional lives, too. It is likely we'll see at least one "interim" appointment, coinciding with the balance of the present SM term of office, which speaks volumes to the thankless nature of the work we have in mind for EPA. However, as you will see, the benefits for the League will be worth every bit of it when we're done.

The goal is quite simple: take EPA to the next level of mutual cooperation to support the various ARRL endeavors already in place here. Many of you know of my long held vision of "reintegrating ARES and NTS" but this goes beyond that focused goal to include a reinvigorated Affiliated Club network, all the better to make use of the tremendous talent and leadership in EPA's fifty-eight ARRL Affiliated Clubs.

Details will be published at the EPA Section website www.epa-arrl.org and via email to ARRL members subscribed to the Section Announcements option.

VY 73 AR DE W3JY

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VY 73 AR DE W3JY

DLARC COMMITTEE CHAIRPERSONS

Education – Bob / KE3AW

Public Information Officer – Bob / KE3AW

V.E. Coordinator - George / N3SQD

Newsletter Editor – Don / KC3II

Field Day – Stephanie / WX3K

Social Activities – Al / W3CE

Station Trustee – Barry / N3NVA

Web Master - Brad / W3JXQ

RFI Committee – Ben / KB3CTX

Membership – George / N3SQD

Loaner Equipment – George / N3SQD

Newsletter Circulation – Paul / N3YNT

Nominating Committee – Dave / N3EYT

Programs – Doreen / K3PDL

PA QSO Party – Al / W3CE

County Radio officer – Al / W3CE

Christmas City – Jon / NJ3I

Awards – Charlie / W3OPA

These are the various chairpersons of the DLARC. If you are interested in any of these groups contact the chairperson listed above.

“AMATEUR RADIO PARITY ACT”

Campaign Will Resume in New Congress

Largely as the result of a grassroots campaign, "The Amateur Radio Parity Act of 2014" (H.R. 4969) attracted the support of 69 members of the US House of Representatives in addition to that of its sponsor, Rep Adam Kinzinger (R-IL). While the just-adjourned 113th Congress did not enact the bill, the effort to gain passage of the legislation will begin anew when the 114th Congress convenes in January. Introduced with bipartisan support last June, H.R. 4969 called on the FCC to apply the "reasonable accommodation" three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The limited PRB-1 pre-emption currently applies only to state and municipal land-use ordinances. The FCC has indicated its reluctance to provide the same legal protections from private land-use agreements -- often called covenants, conditions, and restrictions (CC&Rs) -- without direction from Congress. ARRL Regulatory Information Manager Dan Henderson, N1ND, stressed this week that the fight is not over.

"While we are disappointed that the bill did not make it through the process during the session, the effort was extremely energized by the efforts of thousands of ARRL members who participated in our grassroots lobbying effort," Henderson said. "In just 6 short months we gained tremendous traction for the Amateur Radio Parity Act."

Henderson explained that sometime after the new Congress is called into session in January, a new "Amateur Radio Parity Act" bill with a new number will be introduced into the US House. "Once this happens, the ARRL will gear up for a fresh effort to push this legislation forward," he added.

In a note to ARRL Section Managers this week, ARRL CEO David Sumner, K1ZZ, thanked Section leaders and Field Organization volunteers on behalf of the ARRL Board of Directors and Headquarters staff for their help in garnering legislative support for H.R. 4969. "We had hoped to gain 30 co-sponsors for the bill and ultimately ended up with 69, plus the sponsor," Sumner noted. "The overwhelming majority of these 70 supporters are returning in January, which gives us a good base on which to grow additional support."

Sumner said the objective for 2015 is to continue the momentum, gathering enough support to move the bill through the Energy and Commerce Committee. "We have received expressions of interest from the Senate side and are hoping to have the bill introduced there as well," he added.

Henderson said the bill would not have attained its current level of support in the US House without the thousands of letters and phone calls made by ARRL members to their congressional representatives. "The success of this crucial issue relies on the efforts of all radio amateurs and ARRL members," he said. "We know you will step forward in the new year, when we renew our efforts on Capitol Hill."

A THANK YOU AND FAREWELL TO EPA FROM THE SM

As many of you may have heard, starting January 1st, 2015, I have the pleasure of serving as your Vice Director for the ARRL Atlantic division. I am pleased to serve with Tom Abernathy, W3TOM, who was elected as our Atlantic Division Director. Together, we look forward to representing the members, and indeed the interests of all radio amateurs in the seven sections located in five states that comprise the Atlantic division. I pledge to bring the experience and knowledge that I gained as your section manager to the league board meetings. My first meeting is scheduled in Newington, CT in several weeks. Even now, I'm being brought up to speed on the depth of various issues ongoing at the ARRL. I'm amazed at the amount of activity and league business that is decided upon and voted on by your board.

Also, I will continue to work as Atlantic division volunteer counsel, as I have for some 30 years. To all the section appointees, a heart felt thank you for your assistance. I would like to especially thank our EPA Section Emergency Coordinator, Bob Wiseman, WB3W, who was my right-hand man in managing section affairs, as well as advancing the competence and mission-ready status of our Amateur Radio Emergency Service. Bob, my chief of staff for some time, has served as the best SEC I have seen in our section for years.

I admit being saddened to leave the section manager position after only three years. However, I am pleased that our assistant section manager, Joe Ames, W3JY, has agreed to step up to the position of section manager for the remainder of my term. Many of you know Joe. He is an active radio amateur and has served as an exemplary assistant section manager since the beginning of my term. In fact, Joe took over the work of four separate assistant section managers. I'm certain we are in good hands.

In addition, I am delighted that Western Pennsylvania has just elected Tim Duffy, K3LR, as their new section manager. I regret not being able to serve as section manager along side my good friend, K3LR, whom I serve with on the Board of Directors of the Radio Club of America. I assure you that W3JY and K3LR will see cooperation from me in their inevitable efforts to coordinate activities, and in particular emergency communications support to PEMA and many other government and non-government public-safety organizations in time of need.

As I look back over the last three years, I am pleased with the progress we've made. Cooperation among county ARES units, ARRL affiliated clubs and government agencies are as high as I've ever seen, due to your efforts. The support offered by many radio amateurs for the several different antenna zoning and other amateur radio- involved conflicts I've addressed during my term has been heartfelt and gratifying. I see a bright future for all radio amateurs, but particularly for the members of the Eastern Pennsylvania section.

While my focus must now shift to the national level, you may be assured that my feet stay firmly planted in Eastern Pennsylvania where I have always called home. Accordingly, you will see me at club functions, field days, hamfest activities, and many other functions which are being planned by our new section manager. I will serve among the ranks in ARES responses. I will also keep you informed of League matters along with our new division director with whom I am proud to serve.

I wish all of you a happy New Year and a prosperous 2015. As always, I will see you on the radio.

A fraternal 73. Bob Famiglio, K3RF, EPA SM

SOURCES OF OLD PHRASES

A SHOT OF WHISKEY'

In the old west a .45 cartridge for a six-gun cost 12 cents, so did a glass of whiskey. If a cowhand was low on cash he would often give the bartender a cartridge in exchange for a drink. This became known as a "shot" of whiskey.

THE WHOLE NINE YARDS

American fighter planes in WW2 had machine guns that were fed by a belt of cartridges. The average plane held belts that were 27 feet (9 yards) long. If the pilot used up all his ammo he was said to have given it the whole nine yards.

BUYING THE FARM

This is synonymous with dying. During WW1 soldiers were given life insurance policies worth \$5,000. This was about the price of an average farm so if you died you "bought the farm" for your survivors.

IRON CLAD CONTRACT

This came about from the ironclad ships of the Civil War. It meant something so strong it could not be broken.

W1AW WINTER OPERATING SCHEDULE

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST) CWf Mon, Wed, Fri
2100 " " CWs Tue, Thu
2200 " " (5 PM EST) CWb Daily
2300 " " (6 PM EST) DIGITAL Daily
0000 " " (7 PM EST) CWs Mon, Wed, Fri
0000 " " CWf Tue, Thu
0100 " " (8 PM EST) CWb Daily
0200 " " (9 PM EST) DIGITAL Daily
0245 " " (9:45 PM EST) VOICE Daily
0300 " " (10 PM EST) CWf Mon, Wed, Fri
0300 " " CWs Tue, Thu
0400 " " (11 PM EST) CWb Daily

Frequencies (MHz)

CW: 1.8025 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555
DIGITAL: - 3.5975 7.095 14.095 18.1025 21.095 28.095 147.555
VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM
CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM
CWb = Morse Code Bulletins = 18 WPM
CW frequencies include code practices, Qualifying Runs and CW bulletins.
DIGITAL = BAUDOT (45.45 baud), BPSK31 and MFSK16 in a revolving schedule.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular digital frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

Audio from W1AW's CW code practices, CW/digital bulletins and phone bulletin is available using EchoLink via the W1AW Conference Server named "W1AWBDCT." The audio is sent in real-time and runs concurrently with W1AW's regular transmission schedule.

All users who connect to the conference server are muted. Please note that any questions or comments about this server should not be sent via the "Text" window in EchoLink. Please direct any questions or comments to w1aw@arri.org. In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Digital at 15 minutes past the hour, and CW on the half hour.

All licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 91 in the January 2015 issue of QST or on the web at, <http://www.arri.org/w1aw-operating-schedule>.

F.Y.I.

The March Program will be "Setting up a contest station" – Jon / NJ3I

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.

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 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 2014– 2015
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Vice President – Dave Blankenship / N3EYT ----- vicepresident@dlarc.org
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**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

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