

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
JANUARY 2019



W3OK

CORRAL

**Club Meeting January 3rd, 7:30PM At the
Bethlehem Township Community Center**

JANUARY MEETING PROGRAM

**“3D Printing and Amateur Radio”
George / N3SQD**



DECEMBER MEETING MINUTES

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on December 6, 2018 at the Bethlehem Township Community Center, Bethlehem, PA.

President, Stephanie Koles, WX3K, called the meeting to order at 7:31 p.m.

President's Report:

- Stephanie reported that Ann French AA3BH is now an SK. She and her husband were former members of DLARC and she was 100 years old.
- We will be signing DLARC up with the AmazonSmile program. This is a charitable program by Amazon that enables non-profits to register with the site in order to receive .5% of all eligible AmazonSmile purchases. Members will given more information about how to utilize the program in the near future.
- John Barbaz, NT3P, is now the administrator of the Club's Facebook page. If you are a Facebook user, please "like" us. You may contact John if you have any announcements to post.
- Stephanie urged members to listen for calls from YOTA - Youngsters on the Air. This is a program from IARU Region 1. Its members are mostly under 25. All of December is YOTA Month. Listen for call signs with the suffix "YOTA."
- Bid forms for surplus Club equipment will be available at the January General Meeting. The winning bidders will be selected on March 31, 2019.

Members Announcements:

Doreen Gramling, K3PDL, announced a bus trip to the 103rd Pennsylvania Farm [Show](#) in Harrisburg on Saturday, Jan. 5th Perkiomen Tours is organizing the trip. Passenger pick-up is at 8:55 a.m. at Calvary Temple Church, 3436 Winchester Rd., Allentown; Return 7:00 p.m. The cost is \$44. Call Perkiomen Tours at (800) 222-4434 to reserve your seat.

Steve Levine, K2OPA, announced that a friend of his has antique test equipment from the '30s and '40s. Members should contact Steve if they are interested.

Secretary's Report: JoAnn Schaffer, ND3JJ, announced that the Minutes for the November 2018 General Meeting were emailed to the membership on Nov. 29th. A motion to accept the Minutes was made by Mark Bond, W2MB seconded, and so moved.

Treasurer's Report: Mike Gower, KB3LOD, gave his report. Closing balance as of end of October 2018 was \$3,049.69. A motion to accept the Treasurer's Report was made by Les Morrow, W3LES, seconded, and so moved.

Committee Reports:

Club Station: Les Morrow, W3LES announced that the Club's scores for the PA QSO Party have been submitted. Due to a variety of problems, the scores were lower than we would have liked. The Club's final score was 8,455. If we want to continue to participate in future QSO Parties, we need more dedicated people to come out. We have five stations and, if needed, could run seven. Les also said that we have 3 computer towers at the Club Station that need hard drives and programming. Jay Mason, N3OW, has offered to help.

Membership: Terry Swinney announced the following applications for membership: Susan Bush, KC3BPS, Abhinay Soanker KC3MKN, Peter Mammana, KC3MKO, Jim Matlack, KC3MKP, Joseph Weber, KC3MKQ, Ted Goffinet, KC3MKR, Barry Casper, KC3MKS, Thomas Smith, KC3MKT, Joseph Harvilla, KC3MKU, Richard Young, KC2MLD, Matthew Stone, KC3MLH, Christopher Peters, KC3MLI, Geoffrey Barbier, KC3MLJ. Carl Seier, AA3IX, moved to accept all of the applicants for membership. It was seconded and so moved.

Awards: Terry Swinny, KC3JHT, presented the 2017 PA QSO Party Norm Zoltak awarded to George Weiland, N3SQD. George logged in 388 Qs, 60 counties, and 42 sections with a score of 43,176.

Adjournment: There being no further business, the Meeting was adjourned at 7:57 p.m. Minutes submitted by

Secretary, JoAnn Schaffer, ND3JJ

VE TEST SESSION

There will be a test session this month on January 4th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact John / NT3P at nt3p@arrl.net

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 members are Susan Bush / KC3BPS, Abhinay Soanker / KC3KMN, Pete Mammana / KC3MKOP, Jim Matlack / KC3MKP, Joseph Weber / KC3MKQ, Tim Goffinet / KC3MKR, Barry Casper / KC3MKS, Thomas Smith / KC3MKT, Richard Young / KC3MLD, Mathew Stone / KC3MLH, Christopher Peters / KC3MLI and Geoffrey Barber / KC3MLJ

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.

ANNE FRENCH / AA3HG

JANUARY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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		1 HAPPY NEW YEAR	2 DLARC Net (K2ACW)	3 DLARC Meeting 7:30 PM	4 VE SESSION	5
6	7	8	9 DLARC Net (W3CW)	10	11	12
13	14	15	16 DLARC Net (KC3II)	17	18	19
20	21 MLK Jr DAY	22 DLARC BOARD MEETING	23 DLARCC Net (N3SQD)	24	25	26
27	28	29	30 DLARC Net (KB3CTX)	31		

JANUARY CONTESTING AT THE OK CORRAL



- January 5 & 6 – WW PMC Contest
– ARRL RTTY Roundup
- January 12 & 13 – UBA PSK 63 Prefix Contest
– North American QSO Party – CW
- January 19 & 20 – North American QSO Party – SSB
– WAB 1,8 MHz – SSB
- January 26 & 27 – UBA DX Contest – SSB
-- CQ 160 Meter Contest – CW



W3OK CLUB STATION

Better known as the “Milkhouse” is open Wednesdays' 6 PM until ??, and Saturdays'9:30 AM until ??. Our repeater 146,700 is always on ... So just call W3OK and check.

de **Les / W3LES**

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."

Pete / NL7XM

DECEMBER BRAINTEASER ANSWER

It was a body in a coffin with the bearers

The winner is **Paddy / AJ3B**

JANUARY BRAINTEASER

People buy me to eat, but never eat me what am I?

WEDNESDAY NIGHT NETS

Additional Net Controls are needed for the Wednesday Night ARES, RACES & DLARC net. If we have enough interested operators, it will only be necessary for each operator to have only one net session in each three month period. Actually 13 weeks in a period, so 13 net controls would be ideal, and maybe some extras to fill in if needed. This would give us a pool of experienced controls, for any emergency which would arise. Interested operators should contact Don / KC3II at kc3ii@arrl.net. The NIMS IS-700 and ICS-100 courses are not required to be a net control, but should the need arise and we do supply controls and operators for real emergencies, then the courses requirement will be in effect and EMA issued IDs will be needed to be on the scene of an emergency.



**2018 K3NZ NORM ZOLTAK AWARD WINNER
N3EYT Photo**



Each year, the DLARC member with the highest score in the PA QSO Party is awarded the K3NZ Award. This year's winner was George / N3SQD with a score of 43,176 points, made up of 388 QSOs, including 60 Pennsylvania counties and 42 ARRL sections.

REFLECTIONS FROM THE PAST



BEN / KB3CTX

GLENN / N3ULW

DECEMBER MEETING PROGRAM

Here we are at the final meeting of 2016. The December's meeting is the annual Holiday Celebration. Members and their families attend bearing gifts of food and other goodies to share with other members and their families. It is a renewal of old friendships and the developing of new friendships. This has been an annual event for many years, and the attendance shows this.



FROSTFEST

The Mid-Atlantic's
Largest Winter Hamfest!

We are officially kicking off Frostfest 2019! The largest hamfest in the Mid-Atlantic will be held on Saturday, February 2nd, 2019 at the Richmond Raceway Complex.

www.frostfest.com is the place to find all the information about this great hamfest! Sales are open!

Many of your favorite vendors are already committed, and there will be more to come. Get a table or two and sell your excess equipment.

Check out all the details at www.frostfest.com

Discounted Group Rate: Holiday Inn - Airport, \$95/night. [Hotel Reservation Link](#) Pre-Show "Meet & Greet" will be held in the hotel restaurant/lobby, Friday @ 7:30pm. - Details to follow on Facebook

CHRISTMAS CITY SPECIAL EVENT 2018

The event began in 1969. WX3MAS was the first Special Call issued by the FCC and is now permanently assigned to the Christmas City Amateur Radio club. We are active each year around two weeks before Christmas. This year, the station operated from 9 AM to 5 PM on the weekend of December 15TH and 16TH. The announcement of the special event was published on page 96 of the December issue of QST magazine.

We operated primarily on 20 and 40 meters and had a total of around 276 QSOs. One station was operational on 80 meters, but local noise levels limited us to just a few contacts on 80. An effort is underway to locate the source(s) of the noise and determine how to limit it. In summary, we had 159 QSOs on Saturday and 117 on Sunday; 116 on 40 meters, 151 on 20 meters and nine on 80 meters. All were SSB contacts except for 3 PSK31 QSOs. Where are our CW operators?

We utilized N1MM for logging purposes. This is a free download and has become somewhat a standard for use by our club. If you don't already have it, download and start learning about it. This program will prove useful for Field Day and the PA QSO Party, as well.

Part of the purpose of the Christmas City Special Event is sharing Christmas greetings with the Amateur community over the air, but sharing a fine meal and conversation also has a big draw for our members. We enjoyed a variety of culinary delights including, but not limited to, roast turkey, stuffing, sweet potatoes, kielbasa and kraut, baked beans and various sweets. If you weren't there, you missed a great time.

Operating in the 2018 Christmas City Special Event were the following; Les - W3LES, JoAnn - ND3JJ, Steve - NS3L, Jay - N3OW, George - N3SQD, Pete - K2PM, Bob - KE3AW, Mark - W2MB, Doreen - K3PDL, Dave - N3EYT, Ian - KC3KOP, Al - W3CE, Skip - KD2BDA, Scott - KC3PCS, Jess - KC3PIG, Tyler - KC3LVS, and Alex- KE1FIE.

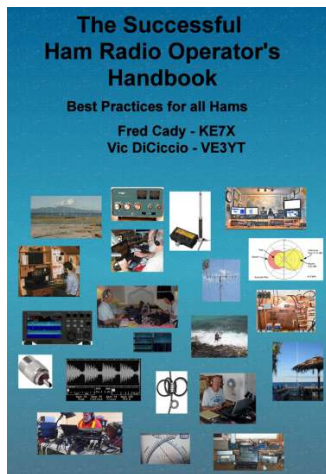
Thanks to all who made this event a success!

de **Dave - N3EYT**

Christmas City Special Event Chair







THE SUCCESSFUL HAM RADIO OPERATOR'S HANDBOOK

This new book is aimed at new or returning hams, to help them understand the practical aspects of the hobby, how to use their radios, build antennas and baluns, and get on the air successfully. In it you will find explanations of how the various parts of your ham radio - the transmitter and receiver - work, plus how these are being implemented using software defined radio technology. Operating techniques for VHF/UHF repeaters, HF radio DXing techniques, and the new digital modes are covered. Radio propagation, antennas, transmission lines, SWR and the mysteries of baluns are explained. Building your HF station, choosing a radio, connecting your radio to a computer, and mobile and portable operation are extensively covered.

Both the pdf and spiral-bound printed versions are available from Lulu.com, and the print copy is also sold by DX Engineering. You can find them via the links below: <http://www.ke7x.com/successful/ordering-the-successful-ham-radio-operator-s-handbook>

Here is a link that describes the book in more detail: <http://www.ke7x.com/successful>

Follow us on www.facebook.com/KE7XBOOKS to keep up-to-date on book news and to be notified of book discounts at www.lulu.com.

This book has 267 pages, 211 figures and diagrams, and 53 tables of data to make understanding the sometimes complicated ham radio operations much easier. The book follows KE7X's philosophy of presenting material in several forms to accommodate people with different learning styles -- reading, visualizing, hands-on -- with the many figures and text explanations and there are hands-on exercises throughout the book that can help you learn more about your particular radio.

Follow us on www.facebook.com/KE7XBOOKS to keep up-to-date on book news and to be notified of book discounts at www.lulu.com.

One instructor for new and advanced ham classes has said, "This book is exactly what is needed. I've seen some other books targeting the new hams that are less than satisfying both technically and in content but this one is right on the mark and covers so much information that I so often get asked about, during and after teaching classes."

Here are more details on the content:

- With nearly 110 years of ham radio experience between them, the authors are still excited about the challenges this wonderful hobby offers. *The Successful Ham Radio Operator's Handbook* will guide you when exploring some of these.
Its goal is to help new operators and returning old-timers learn about the breadth of exciting ham radio
- activities and challenges available today.
- It answers the question "Why is ham radio relevant in the Internet age?"
- It covers a wide range of topics, helping the reader to understand the excitement of different facets of ham radio and to choose a challenging and exciting activity to pursue.
- It helps the reader better understand how the radio works. Many hams only use a small fraction of the features of their radio. For example, if you understand how a noise blanker or a roofing filter or the AGC works, you will be able to more easily use these, and other, features of your radio to your benefit.
- It provides exercises designed to apply the knowledge to cement your understanding of how your radio works without being radio-specific. It is good for all makes and models.
- It helps the reader get enough background to understand much of the jargon hams who pursue special activities, such as the various digital modes, VHF contesting and moon bounce. It quickly takes the novice reader to higher level of understanding and provides URLs and websites that help the reader go deeper into new interests.
- Antennas remain a key area where all hams can still successfully experiment and create a key part of their station. This book provides information to help new hams get started cutting their own verticals and dipoles. It explains why some popular multiband antennas may have compromises that impact performance.
- It gives practical guidelines about choosing transmission lines and building and using baluns and chokes.
- Digital modes such as RTTY, PSK and the new WSTJ modes are explained. The computer-to-radio connections needed for these modes are discussed and illustrated.
- Many hams are motivated by public service and emergency preparedness. This book describes typical local emergency organizations and national networks.
- Hams who like to operate while traveling will find practical information on reciprocal international agreements and

W3OK BID FORM

Make	Model	Your bid
Yaesu	FT 840	
Kenwood	TS 520	
Kenwood	430S	
Kenwood	440S	
Icom	706MKIIG with LG matched tuner	
	Two boxed 3-500Z power triode tubes	
MFJ	9040 – 40 meter QRP CW transceiver	

ALL RADIOS COME WITH EITHER A DESK OR HAND MIC, OR BOTH, AND REQUIRE A POWER SUPPLY.

(The radios are used but in working order. Because they are used, we offer no Guarantee.)

Bidder's Name: _____ Call Sign: _____

Phone: _____ DATE OF BID: _____

ALL BIDS MUST BE RECEIVED BY MARCH 31, 2019

Procedure:

- Items may be viewed at the Club Station on Wednesday evenings or Saturdays between 9 a.m.-12 p.m.
- EACH ITEM you are bidding for should be submitted on a *separate* form
- EACH ITEM you are bidding for must be submitted in a separate, sealed envelope.
- Your bid(s) may be handed to Les Morrow or any Board member, or mailed to DLARC, Graystone Building, 14 Gracedale Avenue, Nazareth, PA 18064.
- Winning bidders will be notified, and arrangements made for pick up once payment is received.
- *In the event of a tie, or if no bid is at or above the set minimum bid, all parties will be so informed and asked to submit a new bid.*

**IF YOU HAVE ANY QUESTIONS, CONTACT THE W3OK STATION
MANAGER, W3LES/LES MORROW, AT (484) 408-3993**

F.Y.I.

The February Program will be “ **Therapy Dogs**” --Joel / **WB3IWC**

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.

NORTHAMPTON COUNTY 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 147.350 (DCS 315) W3OI Repeater.

QCWA Chapter 17 holds a net Monday evenings at 8:30 PM on 3960 +/- depending on conditions. Other inputs are the 146.85 repeater, (151.4 PL) and Echolink at K2PM-R.

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.

EXECUTIVE COMMITTEE 2018 – 2019 OFFICERS

President – Stephanie Koles / WX3K ----- president@dlarc.org
Vice President – Bill Connelly / W3MJ ----- vicepresident@dlarc.org
Secretary – JoAnn Schaffer / ND3JJ ----- secretary@dlarc.org
Treasurer – Mike Gower / KB3LOD ----- treasurer@dlarc.org

BOARD of DIRECTORS

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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)

Club Station Telephone Number – 484 291-1527 Email Address – w3ok146700@gmail.com

THE W3OK TRUSTEE --- Barry Vogt / N3NVA

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