

**DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.**  
***JULY 2016***



# ***W3OK***

# ***CORRAL***

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

## **JULY MEETING PROGRAM**

**“The Real T42US Story”**

**John / KK4SHF - Ruth / KC4BAB – Stephanie / WX3K**



**“Radio In The Dissapearence Of Amelia Earhart”**

**Brian / KN4R**

## MINUTES FROM THE JUNE MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on June 2, 2016, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

**Call to Order:** Bill / W3MJ President called the meeting to order at 1930 hrs.

**Pledge of Allegiance:** led by Bill / W3MJ

**Member Happenings:**

**Approval of the Minutes:** motion to accept by Jay / N3OW, seconded by Bill / W3MJ. **Motion carried.**

**Treasure's report:** Mike / KB3LOD presented the treasurer's report for April. Motion was made to approve the Treasure's report by Jay / N3OW and seconded by Bob / NE2C. **Motion carried**

**Club Station:** No issues were reported

**Club Repeater:** No issues were reported

**Website:** Brad / W3JXQ said that there were no issues

**Membership Report:** Frank / W3WOW stated that the following new members were red into the membership rolls:

KC3HCM, KC3HCL, KC3HCJ, KC3HDO, KC3BGX, KC3HDR, and KC3HCK.

**Education Classes:** Bob / KE3AW stated that fall classes will begin in September. Iron Pigs tickets are on sale – see Bob / KE3AW. See Al / W3CE to purchase DLARC Patches. Anyone interested in volunteering for the City to Shore (MS bike ride) need HAM'S for communication along the route.

**Awarding Club Jackets:** Barry / N3NVA, Charlie / K3HKZ and Jeff / N3MFT received their jackets.

**Hanover Insurance Group:** They were paid for our equipment in the Milk House.

**Magic Jack service:** the service was renewed.

**Members that Pass away:** Al Luisser / W3EUD, Ed Giglotti / W3APE, Lamar Dirk / N3AT

**Adjournment:** there being no further business before the Club the meeting was adjourned at 2010 hrs.

**Presenter for the evening** – Brian / KN4R was on the radio transmissions during the flight where Amelia Earhart disappeared.

Submitted by Steve / KB3WYJ

## JULY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
					1	2
3	4 Independence Day	5	6DLARC Net (ND3JJ)	7 DL ARC MEETING 7:30 PM	8 VE SESSION	9
10	11	12	13 DLARC Net (NB5R)	14	15	16
17	18	19	20 DLARC Net (W0ROY)	21 DLARC BOARD MEETING	22	23
24	25	26	27 DLARC Net (KC3II)	28	29	30
31						

## JULY CONTESTING AT THE OK CORRAL



July 2 & 3 – Venezulan ind. Day Contest  
 -- DARC 10 Mtr digital Sprint  
 July 9 & 10 – SKCC Weedend Sprintathon  
 -- IARU HF World Championship  
 July 16 & 17 – DMC RTTY Contest  
 -- Run For The Bacon QRP Contest  
 July 23 & 24 –  
 July 30 & 31 – RSGB IOTA Contest



## 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.***

***EDMOND (ED) GIGLIOTTI / W3APE***

## 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@arri.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

## JUNE BRAINTEASER ANSWER

**The paragraph does not contain the letter e,  
the most common letter used in English**

Winner – Bob / KE3AW



## JULY BRAINTEASER

**Jane's grades in three different courses are 88, 94 and 82.**

**The credit hours for these courses are 3,4 and 1, respectively.**

**What is Jane's average score per credit hour?**

## VE TEST SESSION

There will be a test session this month on July 8th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact George / N3SQD at george@bioserv.com or Al / W3CE at w3ce@arri.net

## 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 Nathan A. Hahn / KC3HCM, Lois Prytherch / KC3HCL, Nathan Moore / KC3HCJ, Jerry Clayton Moore / KC3HDO, Danny Waldrop / KC3BXG, Edward F. Kolenda / KC3HDR, and Mark Houle / KC3HCK.

## DLARC'S EQUIPMENT LOANER PLAN

Within the last few months the club's loaner program was updated and restructured. Here is some of the equipment that is available and the rules.

### HF equipment:

Kenwood TS-440SAT package

The radio has a built in antenna tuner, also comes with a hand microphone, DC power supply and an Off Center Fed 40 meter antenna.

Kenwood TS-430S package

This radio comes with the matching external antenna tuner, power supply and a 20 meter dipole.

Yaesu FT-840

This radio comes with a hand microphone and power supply

MFJ-9040

This radio is a QRP CW only radio. It has the internal audio filter installed, comes with CW key and power supply.

There are two each MFJ antenna analyzers. Borrow time on the antenna analyzers is limited to a maximum time of one week.

The club also has a large selection of books to choose from in its library.

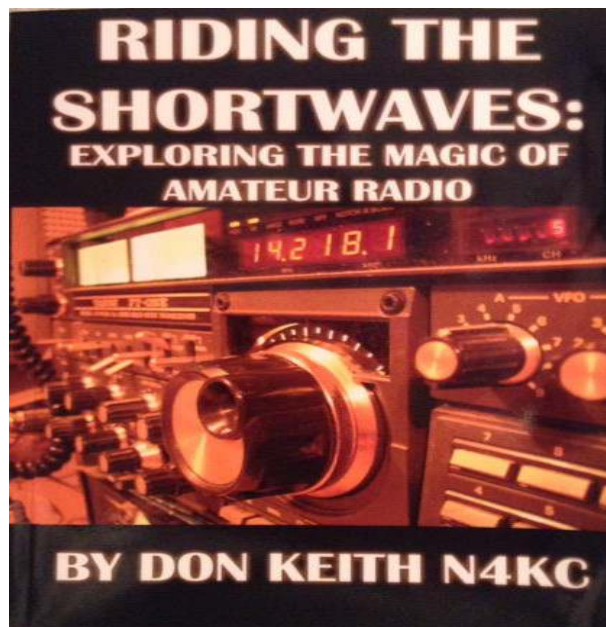
### Rules:

1. Fill out the logbook with the following information when borrowing any piece(s) of equipment. Item(s) borrowed, name, call sign, date, email address and phone number.
2. You may borrow the equipment for up to 90 days. At the end of the 90 day period the equipment must be returned to the club's station. If there isn't anybody waiting to borrow the equipment you have just returned you may continue to borrow the equipment for another 90 days. You can repeat this cycle three times for a total borrow time of one year.
3. It is not the club's responsibility to call you for the return of the equipment, it is YOUR responsibility to return it ON TIME !
4. As mentioned above, the antenna analyzers are on the lender program and can be borrowed for no longer than one week. They are in high demand and for that reason the borrow time is very limited.

If you would like to borrow any of the above mentioned items, stop by the club's station, located in the Milk House, on the Gracedale complex any Wednesday evening.

**Barry G. Kery, KU3X**

## PETE'S BOOK OF THE MONTH FOR JULY





## JUNE PROGRAM REPORT

The June meeting program was "Radio In The Disappearance Of Amelia Earhart", presented by Brian / KN3R. If you missed the program, you missed a very informative and interesting presentation.

Amelia Earhart was born in 1897 and was interested in flying at an early age. When she was in her teens she looked for a female pilot to train her to get her license. A female pilot was hard to find, as there were only a few at the time.

After obtaining her license, Amelia soon began collecting records, some just as female records, but some that were also male records.

In 1937 she decided to go for the around the world record. During preparations changes were made to the planes on board communications. Mainly the installation of a transmitter and receiver that were on preset frequencies that were the frequencies mainly used in the United States and not the rest of the world.

On takeoff from her last known stop, it was believed that the weight of the plane caused it to be physically lower and the mast that supported her receiving antenna was broken and the antenna lost. It was also believed that she was not carrying that long wire antenna.

It is also thought that this receiving antenna loss and no long wire antenna, was the reason she was unable to zero in on any of her reference points. While her transmissions were heard she was unable to copy any of the incoming signals. This lack of input could have caused her to be of course and thusly low on fuel and needing to land. It is known that she landed on a recent and that her associate was injured. After extensive searches nothing was ever found. However in the early 2000's a journal which was written in 1937 by a teenage girl, who enjoyed listening to shortwave transmissions on her family radio, had indicated that she was actually copying Amelia and her information seemed accurate.

Since that time there have been several theories as to what happened to Amelia and her plane, however none have been corroborated.

Brian also presented radios and other equipment of the type that could have been on her plane. Also samples of the various books and other informative reading on Amelia's disappearance.



**If you missed it or want more, please watch the youtube videos below in order...**

1. <https://www.youtube.com/watch?v=GaMp5SibXRk> loses receive antenna during takeoff Lae New Guinea
  2. <https://www.youtube.com/watch?v=wiUScofSIPw> (last radio call - we skipped this one Thursday due to lack of time)
  3. <https://www.youtube.com/watch?v=N2uNOIQsIJ8> the world responds (slowly)
  4. <https://www.youtube.com/watch?v=aPko65DtPtM> Radio Direction Finding, and "Betty's Notebook" (video has two parts, be patient)
  5. <https://www.youtube.com/watch?v=bFKCkN6C5JQ> - Tighar artifact 2-2-V-1 (aluminum plate)
- Please watch this last video - It is a long video but it's worth it...!

**The best book on the subject is "Finding Amelia":**

[http://www.amazon.com/FINDING-AMELIA-Story-Earhart-Disappearance/dp/1591143187/ref=sr\\_1\\_2?s=books&ie=UTF8&qid=1451754905&sr=1-2&keywords=finding+amelia](http://www.amazon.com/FINDING-AMELIA-Story-Earhart-Disappearance/dp/1591143187/ref=sr_1_2?s=books&ie=UTF8&qid=1451754905&sr=1-2&keywords=finding+amelia)

## CAROLE PERRY / WB2MGP – RECEIVES YASME EXCELLENCE AWARD

The QCWA Board of Directors wish to congratulate QCWA Director, Carole Perry, WB2MGP who recently received the YASME Excellence Award.

<http://www.qcwa.org/wb2mgp-31513.htm>

"The Yasme Excellence Award is made in recognition of Carole's many years of contributions to teaching and Mentoring youth interested in amateur radio and her efforts in organizing and promoting the interests of young operators. This youth-oriented work becomes more and more important to amateur radio with every passing year. Carole's dedication to this work, including through the Radio Club of America, is in the finest traditions of amateur radio's self-teaching and training."

The Yasme Excellence Award is presented to individuals who, through their own service, creativity, effort and dedication, have made a significant contribution to amateur radio. The contribution may be in recognition of technical, operating or organizational achievement, as all three are necessary for amateur radio to grow and prosper. The Yasme Excellence Award is in the form of a cash grant and an individually-engraved crystal globe.

73, Ken Oelke, VE6AFO, President, Quarter Century Wireless Association, Inc.

## THE DLARC AT NATIONAL PARKS ON THE AIR



Yesterday, June 4th 2016, The Delaware-Lehigh Amateur Radio Club helped the National Park Service celebrate their 100th anniversary by activating the Delaware Water Gap National Recreation Area, one of the 483 units nationwide, for the American Radio Relay League's NPOTA program.

Our Event was a resounding success. The weather, propagation and insects all cooperated with us. Between 8AM and 5PM local time we made 265 two-way radio contacts with chasers from many states, Canada and Cuba.

Our station was located on River Road, a main thoroughfare on the Pennsylvania side of the park. We were visited by non-DLARC amateur operators, park staff and the general public. A couple of project managers for Amazon.com visited and seemed particularly interested in our operations. Park Ranger Mike Cuff enjoyed operating our station under George, N3SQD's supervision.

Over the course of the day approximately 15 club members visited and/or operated the station.

On the behalf of the Club, Barry KU3X, Jay N3OW and myself, I like to thank all of our members, both those that were actually present and those that helped in other ways that made this event successful.

Special Thanks go to Park Superintendent John J. Donahue and Deb Zirwas of the National Park Service for allowing this activation to happen.

Mark Bond, W2MB Photo by Dave / N3EYT



## NEW FIELD DAY BANNER



Photo by Dave / N3EYT

## BEHIND THE SCENES AWARDS



George / N3SQD awarding Charlie / K3HKZ, Barry / N3NVA and Jeff / N3MFT club jackets for their long time behind the scenes contributions to the DLARC.

Photos by Mark / W2MB

## REFLECTIONS FROM THE PAST



Field Day at Hacketts Park, Easton, Pa.

**NOTICE – STATION COMPONENTS FOR SALE – NOTICE  
for Sale as a Lot. \$830**

The radio station of Carl Maurer / N3NGL (Silent Key – 2011), non-smoker, previously a member of DLARC, is for sale by his widow, in the Allentown area.  
Equipment is in LIKE-NEW condition, functionally (bench tested) and cosmetically (no nicks, scratches or smudges).



Heil Proset earphones with HC-5 element boom mike



**Yaesu FT-890 Transceiver with built-in Automatic Tuner 160 through 10 meters, 100 watts**

**Yaesu Manual More specs at:**

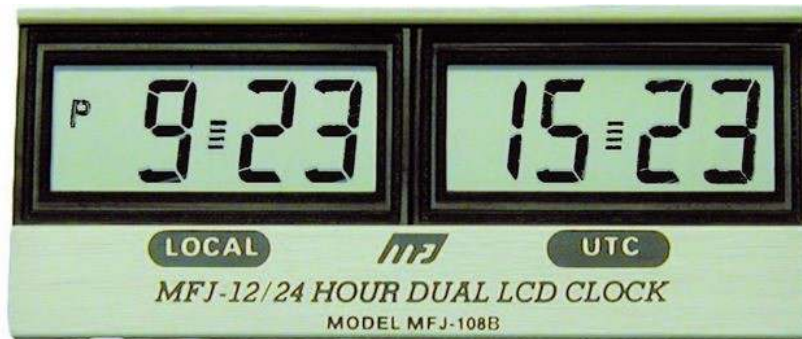
<http://www.qsl.net/sm7vhs/radio/yaesu/ft890/specs.htm>



**Yaesu FP-800 20 Amp Matching Power Supply**

[http://www.radiomanual.info/schemi/ACC\\_powersupply/Yaesu\\_FP-800\\_user.pdf](http://www.radiomanual.info/schemi/ACC_powersupply/Yaesu_FP-800_user.pdf)





**MFJ-108B 24-hour clock**



**Yaesu MD-1 Desk Microphone**

[http://www.radiomanual.info/schemi/ACC\\_microphone/Yaesu\\_MD-1\\_user.pdf](http://www.radiomanual.info/schemi/ACC_microphone/Yaesu_MD-1_user.pdf)

**Yaesu G-800 Desk Controller (controller only) for Yaesu antenna rotator**

**Estimated 50+ feet of RG-213 coax**

**Estimated 50+ feet of rotator cable**

**Interested? Contact Bob/KE3AW    [KE3AW@arrl.net](mailto:KE3AW@arrl.net) or 610.432.8286**

**RCA YOUTH FORUM SPONSOR SIGN AT THE DAYTON HAMFEST**



**CALLING ALL HAMS**  
**Interested in a fun event for a good cause?**  
**Looking for a public service event to show off your communications expertise?**  
**Look no longer!**  
**Volunteer for the BIKE MS: 2016 CITY TO SHORE**  
**SEPTEMBER 24<sup>th</sup> and 25<sup>th</sup>**

**Positions include:** Route Support, SAG and truck drivers, Rest Areas, Clerks, Road Marshals and General Volunteers.

The ride starts in Cherry Hill, NJ and ends up in Ocean City, NJ but bicyclists need your support all along the route. volunteer locations include Cherry Hill, Hammonton, Egg Harbor City, Waterford, Mays Landing, Ocean City and Egg Harbor Township.

**INFORMATION**  
**Email: MS.EVENTCOMMUNICATIONS@Yahoo.com**  
**N3MSS@Mail.com**  
**Phone: 1-609-316-8220**

or  
**MS EVENT COMMUNICATIONS**  
**128 Stoneham Drive**  
**Glassboro, NJ 08028**

Anyone wanting the Communications Packet about the run is welcome to a copy, simply by emailing a request to [ke3aw@arrl.net](mailto:ke3aw@arrl.net)

**TENTH ANNUAL LEHIGH VALLEY**  
**KNIFE SHOW - EASTON, PA**  
**October 1 & 2, 2016**

Saturday: 9 AM to 5 PM; Sunday: 9 AM to 3 PM

**Buy, sell, trade, and display knives:** New, antique, rusty, shiny, factory, custom, hunting, military, swords, bayonets, daggers, folding, pocket, Bowies, tomahawks, razors, sharpeners!

**Charles Chrin Community Center of Palmer Township**

4100 Green Pond Road, Easton, PA 18045-2594 *[Along US-22]*

**Admission only \$6.00!** Bring your supervised children. No charge if under 13. Show your family, children, and friends the beauty and fascination of quality knives!

**Website: [www.PAKnifeShow.com](http://www.PAKnifeShow.com)**

Meals and snacks for sale in the Community Center. Many hotels and restaurants are nearby.

For information, call **Bill Goodman, CPA**, manager of Good Knives, LLC; **Cell: 484-241-6176**;

CPA Office: 610-770-9236, Home: 610-258-5063, E-mail: [GoodKnives@GoodmanCPA.com](mailto:GoodKnives@GoodmanCPA.com)

**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.

**JOHN BURNINGHAM / W2XAB RECEIVES TECHNICAL ACHIEVEMENT AWARD**

The QCWA Board of Directors wish to congratulate QCWA Life Member, John Burningham, W2XAB who was awarded the Dayton Amateur Radio Association (DARA) Hamvention® Technical Achievement Award.

John was first licensed in 1970 as WB8GZR, later as WB9GQM, WB8PUF, and currently as W2XAB. He has been involved with amateur repeaters for over 40 years. After working in the Aerospace industry and Motorola, he has been teaching in higher education for over 20 years, currently as a Senior Lecturer at Clayton State University in the Department of Computer Science and Information Technology teaching computer networking; he will retire this May. He is a Life Member of the ARRL and QCWA and has belonged to AMSAT and TAPR, in addition to a number of local clubs as he moved between ten different states.

John is currently active in the DMR community, having published a beginner's guide [ <http://guide.k4usd.org> ] and a DMR article in QST and a contributing author in the ARRL 2016 Handbook. He has also presented a number of forums at Hamfests including the Hamvention® promoting DMR.

73, Ken Oelke, VE6AFO, President, Quarter Century Wireless Association, Inc.

## F.Y.I.

The August Program will be "Inventors of Communications" – Doreen / K3PDL

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 ( 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.

The Clubhouse telephone number is 484-895-7038.

## EXECUTIVE COMMITTEE 2015 – 2016 OFFICERS

President – Bill Connelly / W3MJ	-----	president@dlarc.org
Vice President – Steve Harper / KB3WYJ	-----	vicepresident@dlarc.org
Secretary – Larry Kaplan / AB3TY	-----	secretary@dlarc.org
Treasurer – Mike Gower / KB3LOD	-----	treasurer@dlarc.org

## BOARD of DIRECTORS

Gabe Lantos / KZ2A	-----	gpl3639@gmail.com
Skip Leslie / KD2BDA	-----	mleslie105@yahoo.com
Bob Oppen / NE2C	-----	oppen.robert@yahoo.com
Evelyn Uhler / W3DOY	-----	evelynuhler@hotmail.com
Dave Mellman / KA3IWC	-----	dbm073@gmail.com
Jay Mason / N3OW	-----	n3ow@rcn.com

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

## CLUB MEETINGS

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.  
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Nazareth, Pa. 18064-9211**

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