DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.

JUNE 2018

W3OK CORRAL

Club Meeting June 6th, 7:30PM At the Bethlehem Township Community Center

JUNE MEETING PROGRAM

"The Dangers of Lyme Disease"

Cathy Gumlock

MAY MEETING PROGRAM

"Radios of the 1931 Lindbergh Survey Flights"
Brian / KN4R
April Program Speaker

MAY MEETING MINUTES

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on May 2, 2019 at the Bethlehem Township Community Center, Bethlehem, PA.
President Stephanie Koles, WX3K, called the meeting to order at 7:30 p.m.

President's Report:

a. There is a get-well card for members to sign for Don Boehrer, KB3YGR, who has cancer and is in the hospital awaiting a liver transplant.
b. There is a condolence card to the family of Bill Lagler, N3PWS, for members to sign.
c. Stephanie read a letter to our members from Joanne Heisler, the widow of Bob Heisler, KC3FXG, thanking us for our condolence card.
d. Webmaster, Rich Hurd, WC3T, has informed that Board that Marc Borgo, N3GRE, who had agreed to assist Rich, is having some major health issues. However, Rich will ask Marc if he would be able to design a new website for us.
e. Rich and Mike Gower, KB3LOD, will create an option on the website for donations to the Club.
f. A list of Elmers has been posted on the members' page of the website.
g. Howard Sherer, AE3T, asked if he could set up his Flex 6400 at the Club station and operate it remotely. Although he is willing to let other members use the radio, this would require setting up an antenna/radio usage schedule. There is also the question of liability. The Board declined Howard's request.

Members Announcements:

a. Bob Green, KE3AW, and several other members continue to work with high school students at the Museum of Industrial History and urge others to help out at their radio exhibit.
b. Mark Bond, W2MB, Dean Guth, AB3BD, and George Wieland, N3SQD, were experimenting with a 2-meter packet radio on 145.51 and urge members to make contact.
c. Bill Goodman, K3ANS, has a lot of equipment and antennas he wants to get rid of.
d. Bob Green asked members to let him know on what dates they would like to attend an Iron Pigs game as a group.

Secretary's Report: JoAnn Schaffer, ND3JJ, announced that the Minutes for the April 2019 General Meeting were emailed to the membership on April 25, 2019. Dean, AB3BD, moved that the Minutes be accepted, it was seconded, and so moved.

Committee Reports:

Club Station: Les Morrow, W3LES, reported that the Board decided that, for now, the radios that were not sold during the recent auction will be used as loaners. That will give us 3 loaner radios.

Membership: Terry Swinney, KC3JHT, announced that Tom Julius, KB3YWK, and his stepson Steven Lantosh, KC3NKL submitted applications for membership. Dean, AB3BD, moved that we accept them for membership; it was seconded and so moved. Our membership count is now 178.

Field Day: Jim Matlack, KC3MKP, said that many of those who usually help with Field Day will be unable to so this year. He encouraged more people to sign up. Mark, W2MB, suggested that we organize a PEST (pre-event support team) committee so that those who usually help might contact Jim to solidify what he needs to do.

Tech: Al Wiemann, W3CE, reported that DStar software has been updated, along with new ICOM software. His committee will build a new hard drive from scratch, and the DStar Gateway will be down for a few days. George, N3SQD, said that Skyhawk beam performance is sketchy. It seems that one leg of the rotor position sensor is not connected. George will talk to Charlie Adams, K3HKZ, about getting a climber. Al will use his drone to get better pictures of the situation.

New Business:

Stephanie presented Steve Harper, W3NAM, with a plaque honoring his service as a past president.

Adjournment: There being no further business, the meeting was adjourned at 8:07 p.m.

Minutes submitted by

JoAnn Schaffer / ND3JJ, Secretary

VE TEST SESSION

There will not be a test session this month. The next session will be on July 12th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact John / NC3P at nc3p@arrl.net

NEW MEMBERS

The DLARC is continuing to grow, so be sure to greet our new members, shake their hand and give them a warm welcome to our club. The newest members are Tom Julius / KB3YWK and Steven Lantosh / KC3NKL.

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.

William Leglar / N3PWS

JUNE QUICK CHECK CALENDAR *

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	3	4	5 DLARC Net (K3PDL)	6 DLARC Meeting 7:30 PM	7 NO VE SESSION	8
9	10	11	12 DLARC Net (W3NAM)	13	14 Flag Day	15
16 Father's Day	17	18 DLARC BOARD MEETING	19 DLARCC Net (ND3JJ)	20	21 First Day of Summer	22
23	24	25	26 DLARCC Net (K3ACW)	27	28	29
30						

JUNE CONTESTING AT THE OK CORRAL

June 1 & 2 – 10 – 10 Open Season PSK Contest
– Dutch Kingdom Contest
June 8 & 9 – VK Shires Contest
– ARRL June VHF Contest
June 15 & 16 – All Asian DX Contest – CW
– Ukrainian DX Classic RTTY Contest
June 22 & 23 – RSGB 80m Club Championship – CW
-- ARRL Field Day
June 29 & 30 – RSBB 80m Club Championship –SSB
– Battle of Carabobo International Contest

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 / NL

MAY BRAINTEASER ANSWER

The car is 18 months and the tires are one year

The winner is **Bob / KE3AW**

JUNE BRAINTEASER.

Often we are covered with wisdom and wit, and often with a cloth where the dinner guests sit: In beauty around you and over your head, we are countless, though numbered when bound to be read. What am I?

=

FIELD DAY 2019

This years Field Day is June 22 & 23,and is being held at All-American Park, Louise Moore was unavailable. Jim / KC3MKP is this years chairman, and although he has experience in organizing, a field day may not have been in his past. He will need volunteers to aid in his task, so that everything is not delayed until June 16th. To volunteer contact him at kc3mkp@arrl,net

DIRECTIONS TO ALL-AMERICAN PARK

East Side – Access to Pavilion C: Fields 1,2 and 3

FROM AIRPORT ROAD (Rt 987) & NOR-BATH BLVD (Rt 329)

Travel SOUTH on Airport Road about 1 mile to Dogwood Road, on your right is the sign for All-American Park
TURN RIGHT onto Dogwood Rd. follow about ½ mile to where the road turns left and becomes Hanover St.
CONTINUE on Hanover to Park entrance
TURN RIGHT onto LIBERTO LANE.

FROM AIRPORT ROAD South (Allentown/Bethlehem Area)

TRAVEL NORTH on Airport Rd past intersection at Hanoverville Road about .3 miles, just over the Highway overpass.
TURN LEFT on Dogwood Road at the sign for All-American Park.
FOLLOW about ½ mile to where the road turns Left and becomes HANOVER ST.
CONTINUE on HANOVER ST. to Park entrance
TURN RIGHT on LIBERTO LANE

Follow driveway through park to parking lot. Speed limit is 5 mph.
Pavilion is at top of hill among the trees
Please use the stone road to drop off at the pavilion, then return to parking area

THE FCC IS NOT REINSTATING VANITY CALL SIGN FEE

An erroneous report this week suggested that the FCC planned to again impose an Amateur Radio vanity call sign application (regulatory) fee of $70 for the 10-year term. This incorrect conclusion resulted from an incomplete reading of the May 7 FCC Notice of Proposed Rulemaking (NPRM) in the matter of the assessment and collection of regulatory fees for fiscal year 2019.

Although the Schedule of Regulatory Fees does show a $7 annual fee for Amateur Radio vanity call signs, a boldface heading in that section of the NPRM states, "REGULATORY FEES. This section is no longer is effect as it has been amended by RAY BAUM'S Act of 2018..."

Section 9(e)(2) of RAY BAUM'S Act gives the Commission discretion to exempt a party from paying regulatory fees when the FCC determines that the cost of collection exceeds the amount collected. A new section 9(e)(1) incorporated the Amateur Radio vanity fee exemption
from FCC rules into the statute.

The NPRM makes clear in several other places that regulatory fees no longer apply to Amateur Radio licenses. The FCC eliminated the regulatory fee for Amateur Radio vanity call signs in 2015.

WEDNESDAY EVENING DINNER CLUB

Don't forget the Wednesday Evening Dinner Club. Club members get together for dinner prior to heading up to the "Milkhouse" for the weekly gathering. Listen to the Wednesday Net for the following weeks location. Each week is a different location. Also it is posted on the club FORUM. A fun get together!

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**

PAST PRESIDENT'S AWARD

At the May DLARC General Monthly meeting, President Stephanie /WX3K awarded Steve / W3NAM the Past President's Plaque. Commemorating Steve's term in office for the past year. A year in which the club continued its growth.

THREE BIRDS CONSTELLATION CUBESATS DELIVERED TO ISS FOR ORBITAL DEPLOYMM,ENT

A Cygnus resupply mission to the International Space Station (ISS) on April 11 also delivered three CubeSats of the BIRDS-3 constellation and three other CubeSats. The BIRDS-3 constellation is a project of students at the Kyushu Institute of Technology. The additional CubeSats include Swiatowid, KrakSat, and EntrySat.

All BIRDS-3 CubeSats are of the same design and have been coordinated to operate on a common downlink frequency of 435.375 MHz. Each will transmit a CW beacon and 9.6 k GMSK telemetry. The CubeSat deployer in the ISS Kibo module will deploy the BIRDS-3 CubeSats at a later date.

The BIRDS-3 constellation includes CubeSats from three countries: They are Nepal's first satellite, NepaliSat-1; Uguisu from Japan, and Sri Lanka's first satellite, Raavana-1. The primary mission of the BIRDS constellation is to provide ciphered short messages via its 435.375 MHz beacon, giving the opportunity for the Amateur Radio community to decipher the messages using a publicly available key on the BIRDS-3 website. Operators able to successfully decipher the message will be recognized on the BIRDS-3 website and receive a BIRDS-3 QSL card.

In addition to their primary mission, BIRDS-3 CubeSats will conduct remote data collection based on low-powered LoRa modulation to demonstrate remote data collection and processing aboard a CubeSat to, for example, monitor water levels in flood-prone areas. The LoRa remote station will operate at 433 MHz for Sri Lanka and Nepal and at 920 MHz for Japan. Data collected will be posted on the BIRDS-3 website. Radio amateurs contributing to receiving the processed data will receive a QSL card showing the nature of data collected.

Swiatowid will carry a V/U transponder, with an FM voice uplink at 436.000 MHz and downlink at 145.850. EntrySat will carry an Amateur Radio FM relay with a downlink of 436.950 (uplink not available). Read more. -- *Thanks to* AMSAT News Service

MAY 2019 PROGRAM REPORT

Radios of the 1931 Lindbergh Survey Flights and Pan AM Airlines

We welcomed back for another chapter of Radio and Aviation, Brian Harrison / KN4R. His last visit covered Radio and Amelia Earhart leading up to the final flight.

Following his famous flight, Charles Lindbergh and his wife Anne Morrow began flying for Pan Am airlines, to establish air routes and the related logistics for Pan Am to lay out flight patterns and the necessary requirements for their airline. During these flights Ann Morrow was the radio operator for Charles Lindbergh. Also she became a licensed pilot and a excellent CW operator. In those days CW was the best way to communicate, this was in the days before AM radio. Brian with slides, presented pictures of the radio equipment in the two-seater aircraft that the Lindbergh's used for these survey. These radios were RCA models that had been adapted for use in aircraft and also for the ground-based stations by Pan Am.

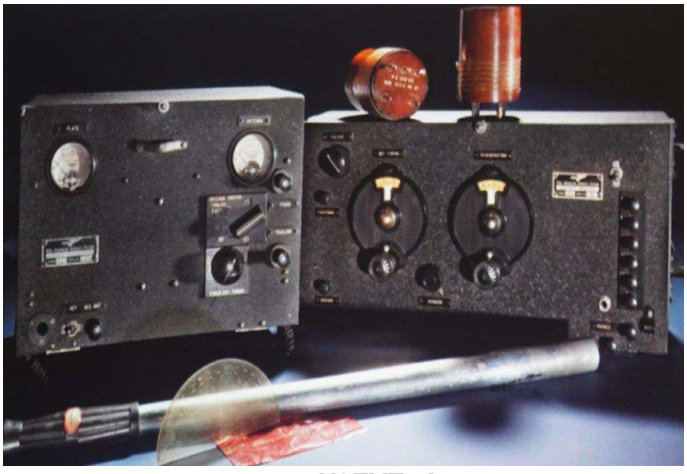
Pan Am wished to become the first international airline in the US, and was restricted from flying into Europe by the British. So it was decided to fly west to Hawaii and Asia than South to Africa, across the ocean to South America and north to California.

With the development of these routes, radios had to be developed in order to maintain communications. These radios needed the range in order to stay in contact with the base stations and still be light enough to allow the airplanes capabilities. The big thing at this onset was the US mail and the less weight in the plane meant more mail capability. PAMSCO which was an offshoot from Pan Am became the primary source of this radio equipment

Because of the lack of airports through these routes, all the planes were seaplanes which could land at the islands that were necessary for refueling and service, it wasn't until after World War II that land-based planes could fall the routes. This was because airports that were built during the World War II could now serve the commercial aviation needs.

Also needed was a means of direction finding due to the large distances over open water. And these directions and finding systems were developed by Pan Am and increased the safety of flying. Also developed were better radios and also AM radio was improved to the point where it could be used by the industry

Brian ended with the usual question-and-answer session and gave more detail to individual questions.

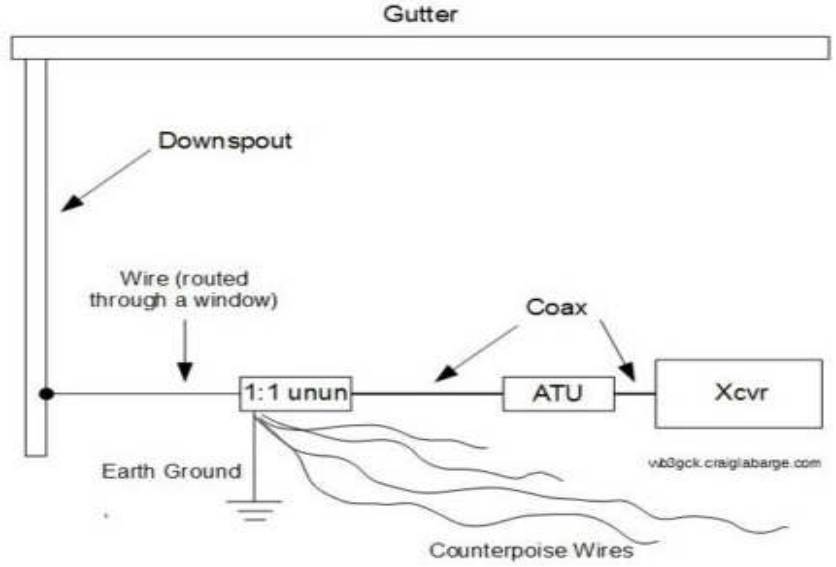


N3EYT photos

THE WB3GCK DOWNSPOUT ANTENNA

Craig A La Barge / WB3GCK

After years of trying to come up with a good way to get on the HF bands from my little townhouse (without attracting a lot of attention from my neighbors), I started experimenting with using my aluminum rain gutter and downspout for an antenna. The results have been surprisingly good. In fact, it has turned out to be the ultimate low-profile antenna.



The downspout has a vertical run of about 16 feet, connecting the horizontal rain gutter which is about 16 feet long across the front of the house. Including the feed wire into the shack, the total length is in the neighborhood of 42 feet; over a quarter wavelength for 40 meters and almost a half-wave for 30 meters. The house is made of brick, so the entire system is isolated from ground.

I use my downspout like a random wire antenna, using a commercial autotuner (or internal tuner, in the case of my KX3). I feed the antenna through a homebrew 1:1 unun. I use a short run of coax between the unun and the autotuner on my operating table. A length of #22 stranded hookup wire is used to connect the output of the unun to the downspout outside. To connect the wire to the downspout, I first sanded the downspout and connected the wire using three sheet metal screws. I used multiple screws to help ensure a low resistance connection. After making the connections to the downspout, I sealed them up using an adhesive/sealant called Goop. Goop is available at most hardware stores. With the downspout behaving essentially like an end-fed wire, it really helps to work this type of antenna against a good ground. Fortunately, my basement operating position is only a few feet away from where the water supply pipe enters the house. I used a piece of 1/2-inch copper pipe as a ground bus between my operating position and the incoming water pipe. A tinned copper braid strap and a couple of ordinary automotive hose clamps were used to connect the bus to the water pipe. A short braid strap connects the ground stud on the unun to the copper ground bus. For good measure, I attached counterpoise wires to the ground stud of the unun; one each for 40, 30, 20, and 15 meters. The counterpoise wires are made from garden variety stranded hookup wire cut to a quarter-wavelength. I just run these wires around the shack, hiding them under the rug. Operation on the 80 meter band has been successful using just the ground bus.

How well does it work? During the first few months of operation, I worked 49 states; all with 5 watts or less. I've also worked a bunch of DX stations (though I'm more of a casual rag chewer than a DX-chaser).

The length of the antenna is somewhat short for 80 meters, but performance on that band has been a big surprise. Signal reports on 30 and 40 meters, my primary bands, have been consistently good. In fact, the downspout has been my main antenna at home for more than 20 years.

While this arrangement has served me well, it is not without an issue or two. I find that it helps to clean up and re-do the connections at the downspout periodically. Typically, I do this maintenance every other year or so. Also, I have noticed that my local noise levels on 80 and 40 meters have steadily increased over the years. I attribute this to the proliferation of electronic gadgets both in my house as well as my neighbors' houses. Those bands are still usable, though.

Some words of caution are in order, however, if you plan to use your rain spout as an antenna: Make sure your gutter and downspout are isolated from ground. Make sure there is solid electrical continuity between the various sections of your downspout and gutter. Mine are fastened with pop rivets (not the greatest for RF work, but they appear to be doing the job.)

Watch your power. I wouldn't recommend running a kilowatt into your rain spout. Ham radio is fun, but not worth burning down your house. Make sure people and pets won't come in contact with the antenna while you're transmitting. This isn't too much of a problem at QRP power levels, but be careful.

So, if you find your HF antenna options are limited by either space or legal restrictions, take a look at the outside of your house. There just might be a free multi-band antenna hanging out there!

LOOKING FOR DLARC AMATEUR RADIO OPERATORS TO WORK THE DEMO HAM STATION IN THE NATIONAL MUSEUM OF INDUSTRIAL HISTORY.

On Exhibit through November 3, 2019

Sign up to operate the amateur radio station at the National Museum of Industrial History

The demonstration ham shack is in the National Museum of Industrial History, and is available to any licensed amateur radio operator to operate (within license limitations). In the corner of that room is a great collection of radios. They range from crystal sets through radios through the decades with cathedral wooden cabinets, console units, plastic table radios, small transistor pocket radios, and boom-boxes. There are over 75 units there to stir up memories, or learn about them.

The demonstration ham shack that we are operating is in the corner of the room, and is available to any skilled licensed amateur radio operators to operate (within license limitations).
Or you may want to match a skilled operator and one who wants some experience.

The rig there is the Kenwood 590. It is like the one in the DLARC Station. Antenna is a Cushcraft R-7 on the roof of a tall 3-story building.

I don't think it is really crowded at any given time, but when someone comes by we would like you to offer some information on amateur radio to whatever level their interest is, including making them aware of Monthly Meetings, Field Day, and DLARC license classes. They may make a transmission or more if you feel they can follow your directions, under your supervision, of course. All up to you.

If visitors come by, that's great. If there aren't any or many visitors during your shift, you still have control of the rig to make as many Qs as you wish.

Go to the sign-up sheet, fill in information and send it to the Museum. **http://signup.com/go/wNkozVD** It is fine to have a couple of hams there. I need not be one operator at a time.

The Museum is located near the Steel Stacks, at 602 E. 2nd Street, Bethlehem.
Open 10 am. until 5 p.m.
Wednesdays through Sundays
610.694.6644 www.NMIH.org

WORLD SCOUT JAMBOREE GEARING UP FOR SIGNIFICANT AMATEUR RADIO PRESENCE

Amateur Radio will be a part of this summer's 24th World Scout Jamboree in West Virginia, the first World Jamboree held in North America since 1983. The Jamboree has chosen the theme "Unlock a New World." Thousands of Scouts and Scout leaders from some 200 countries are expected to attend. The Jamboree's Amateur Radio Exhibit will use the call sign NA1WJ – **N**orth **A**merica's **1**st **W**orld **J**amboree. It will be on the air during the event, July 22 until August 2, at the Summit Bechtel Reserve, hosted by Canada, Mexico, and the US. Amateur Radio testing is expected to begin as early as July 14. Operating frequencies will be posted in real time via Facebook and Twitter or via an NA1WJ email group.

"The goals of the Amateur Radio station at the World Scout Jamboree are to introduce Amateur Radio to Scouts and Scout leaders through hands-on participation in two-way communication with other stations across the globe. This activity will also serve as the Amateur Radio voice of the Jamboree," the World Scout Jamboree Amateur Radio Exhibit Operational Vision document states. Other facets of Amateur Radio at the Jamboree will include Amateur Radio direction finding (ARDF), Amateur Radio satellite contacts, and a scheduled Amateur Radio on the International Space Station (ARISS) contact with an ISS crew member.

"We also expect to launch one or two balloons with Amateur Radio payloads and track them as they cross the Atlantic," the vision document continues.

Organizers are encouraging radio amateurs around the globe to get on the air during the World Jamboree to help NA1WJ demonstrate Amateur Radio for Jamboree visitors.
The 2019 World Scout Jamboree operation at the Summit Bechtel Scout Reserve will take advantage of lessons learned by the K2BSA Amateur Radio operation during the 2013 and 2017 USA National Jamborees. It will also take advantage of the existing infrastructure, which includes three VHF/UHF repeaters installed by Icom America, as well as the utility poles for installing antennas. K2BSA ham gear stored in West Virginia includes antennas, rotators, and cables.

Evening operation from NA1WJ will involve at least two operators using the buddy system. VHF/UHF repeaters will offer full coverage of the Jamboree area via handheld transceivers, facilitating networking as well as emergency communication. The exhibit will include an Amateur Radio station with the special event call sign W8J.

The demonstration station will include multiple operating positions offering a variety of modes. These include six stations with 100 W HF transceivers, computer logging software, and large screen computer displays; two VHF/UHF stations for demonstrations and repeater monitoring, and two satellite communication systems. The antenna farm will include two HF directional antennas, three HF dipoles, three HF vertical antennas, VHF/UHF verticals and satellite antennas with azimuth and elevation control, a trailer-based crank-up tower, a five-band Yagi, a 40-meter rotatable dipole, and a 6-meter Yagi.

Each station will be able to accommodate four participants at a time, plus one control operator. The goal is to give each participant up to about 10 minutes of operating time.

The K2BSA Amateur Radio Association will host a "Radio Scouting" booth at Dayton Hamvention®(Booth 2205 in Building 2).

REFLECTION FROM THE PAST

Barry / KU3X and Rich / N3UB – Field day 2011

IARU ARGUES FOR PROTECTION FROM WIRELESS POWER TRANFER SPURIOUS EMISSIONS

The International Amateur Radio Union (IARU) was represented April 8 - 10, when CEPT Committee SE24 - Short Range Devices met in Ankara, Turkey, to undertake further work concerning wireless power transfer/transmission (WPT). SE24 is considering WPT for electric vehicles (WPT-EV) and also for generic applications.

IARU already provided extensive input on the potential impact on radio communications resulting from spurious emissions from WPT devices, as detailed in *CEPT ECC Report 289*, published in January. According to that report, given the planned density of WPT systems for electric vehicles operating in the 79 - 90 kHz range, it is calculated that there will be a widespread and serious impact for the Amateur Service in the vicinity of WPT systems, should spurious emissions, measured at 10 meters, be at the current limits of *ERC Recommendation 74-01*.

At the Ankara meeting, IARU and other interested parties provided further input. SE24 will meet again in early July to focus on WPT issues.

Also at Ankara, IARU attended the Short-Range Devices Maintenance Group meeting (SRD/MG), where it was noted that further work was needed in SE24 before spurious emission limits for WPT devices could be addressed in a regulatory sense. IARU was represented in Ankara by IARU Region 1 President Don Beattie, G3BJ, who is spearheading the IARU's work in this area.

The issue of WPT-EV is World Radiocommunication Conference 2019 (WRC-19) Agenda Item 9.1.6, for which studies are still under way. Broadcasters, land mobile services, and others have also expressed concern about spurious WPT-EV emissions. Further work remains regarding generic WPT systems for such applications as cell phone charging, power tools, and household appliances.

THE DLARCforum

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.qth/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 you disposal. Anything you want to know, all you have to do is ask! de **Don / KA3JWE** List Administrator

F.Y.I.

The July Program will be **"DMR and Packet Radio Round table" –** Mark / W3MB

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

Gabe Lantos / KZ2A ---------- gpl-3639@gmail.com
Dean Guth / AB3BD ----------babydean1@hotmail.com
Les Morrow / W3LES ---------- lesterf52@gmail.com
Steve Harper / W3NAM ----------sharper3152@gmail.com
John Barbaz / NT3P ---------- nt3p@arrl.net
Skip Paulsen / W1PV ---------- flathead@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)

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

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

THE NEWSLETTER STAFF

Editor – Don Holmes / KC3II ---------- editor@dlarc.org
Web Master – Rich Hurd / WC3T ---------- rich@wc3t.us
Circulation – Paul Morrison / N3YNT ---------- n3ynt@aol.com
Photographer – Dave Blankenship / N3EYT ---------- n3eyt@arrl.net