

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.

MARCH 2018



W3OK

CORRAL

**Club Meeting March 1st, 7:30PM At the
Bethlehem Township Community Center**

MARCH MEETING PROGRAM

“Common Mode Noise: Problem & Solutions”

Mark / KC3BNV



FEBRUARY PROGRAM

“Logger 32”

Jay / N3OW



MINUTES FROM THE FEBRUARY MEETING

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on February 1, 2018 at the Bethlehem Township Community Center, Bethlehem, PA.

President, Steve Harper, W3NAM, called the meeting to order at 7:32 PM

President's Report: Steve express gratitude of the Club to Doreen Gramling, K3PDL, for her 5 years of service as Program Chair;

George Wieland, N3SQD, and Ben Ramig, KB3CTX will continue to act as back-up signators on the Club's bank account;

Skip Leslie, KD2BDA, has volunteer to scan the Club's collection of QSL cards, which will then be posted on the Club's website. No timeline has been set for the completion of this project;

Stephanie Koles, WX3K, said that members have expressed an interest in the Club sponsoring a Hamfest or swap Meet. This will be an item for further discussion;

The Board discussed the possibility of establishing a Youth Committee to interest more young people in ham radio.

This will be an item for further discussion; We also talked about expanding our Christmas Cities Event to include

giving children the opportunity to make radio contact with "Santa". This will be an item for further discussion.

Steve Levine, K2OPA, has received a grant of \$500 from TD Bank, which he will turn over to the Club for the purchase a document presenter, which can be used at the Club's licensing classes.

Visitors: **Ryan Ross** announced that WolfPack Search and Recovery has just incorporated a chapter for the Lehigh Valley Their website is <https://wolfpacksr.com>.

Pete Madsen, K2PM, introduced his recently licensed son, James Madsen, KC3JMW, and Craig Woodley, recently retired and thought he would look us up.

Secretary's Report: JoAnn Schaffer, ND3JJ, announced that the Minutes for the January 2018 General Meeting were emailed to the membership on January 24, 2018. A MOTION to accept the Minutes was made by Mark Bond, W2MB, seconded, and so moved.

JoAnn also ask for a volunteer to act as Membership Co-Chair to ensure continuity in case of an unforeseen event.

Terry Swinney, KC3JHT, volunteered for that position.

Treasurer's Report: Mike Gower, KB3LOD, gave his report. A MOTION to accept the Treasurer's Report was made by Dean Guth, AB3BD, seconded, and so moved

Committee Reports: **Club Station:** Lester Morrow, W3LES, said that everything is up and running at the Club Station. There are now four HF stations, however, connections were getting mixed up. He and Barry Kery, KU3X, have now color-coded the wires for each of the radios and antennas.

Education: Bob Green, KE3AW, announced that the classes are being advertised on Service Electric TV, and we will be running newspaper ads. Thus far eight have registered for the Tech class and six for the General Class.

Old/Unfinished Business: Ben Ramig, KB3CTX, is looking into securing a Club Station phone number and methods for Issuing blast text or phone messages. Members said that they want a phone at the Club Station that can be answered by voice and/or machine. Ben suggested VOIP, Voice over Internet Protocol, which would use a Google phone number. This would require a one-time fee of \$50. A phone could be plugged into the VOIP box. We still have CallFire capability, which is a blast phone and text messaging service.

MOTION: Mark Bond, W2MB, moved that in the interest of expediency, Ben purchase the system that he deems best for the Club. It was seconded and so moved.

Ben, KB3CTX, announced that we are asking \$75 for the Club's old projector. (After the meeting, it was purchased by a member.

Barry, KU3X, Dean Kantz, N3HOG, urged the Club to have a copy of the current volume of the ARRL Handbook and Antennas books. Les, W3LES, made a MOTION that we purchase both copies for the Club Station. It was seconded and so moved. Barry, KU3X, will purchase the books.

Dave Blankenship, N3EYT, announced that the statewide Emergency Services drill for February 10 was cancelled.

However, the Club will hold a local drill on simplex from 9:30 AM. to 11:00 AM. on that day.

New Business: Steve, W3NAM, mentioned that we might purchase a GoPro camera so that we can record club presentations. Jay Mason, N3OW, said that a digicam is a better option for that purpose. Howard Sherer, AE3T, will donate a digicam to the Club. We now need a volunteer to do the recording.

Barry Vogt, N3NVA, who is in charge of the Club repeater, was in an accident, not a serious one, and will need neck surgery

Adjournment: There being no further business, the meeting was adjourned at 8:13 PM

Minutes submitted by JoAnn Schaffer / ND3JJ, Secretary

VE TEST SESSION

There will be a test session this month on March 2nd at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact John / NT3P at nt3p@arrl.net.

FEBRUARY MEETING PROGRAM REPORT

“LOGGER 32”

Jay / N3OW presented his experience and satisfaction with Logger 32. While not new it has been kept up to date, and even additional elements added over the years, Logger 32 was written by Bob / K4CY, and the updates were added by and other hams from around the world.

It is not a contest program like N1MM, but has many of the same bells and whistles of N1MM. One of the best attributes of the program is that it is free. It will run under most of the Windows programs. It will log more than 1.5 million QSO's, will keep comprehensive statistics tables for awards and QSO's, satellite tracking and will support many radios. This list just goes on and on. Jay felt that for a home station logging system it was a win, win bargain,

Jay finished up with the usual Q & A session.

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

FEBRUARY BRAINTEASER ANSWER

1 hour and 20 minutes is 80 minutes.

The winner is Arden / WI5S

MARCH BRAINTEASER

When does $10 + 3 = 1$?

WORK PROGRESSING TO INCORPORATE CQ MAGAZINE'S AWARD INTO LoTW

Beta testing for bringing CQ Magazine's Worked All Zones (WAZ) award program into ARRL's Logbook of The World (LoTW) system continues to move forward, officials from CQ and ARRL assured this week.

Some problems in the implementation were discovered by testers and have since been corrected; the documentation has also been improved by feedback from the testers. In parallel, the LoTW server has been executing a background task that creates and populates a WAZ account for each LoTW user.

Beta testing will continue until this background task completes. When all WAZ accounts have populated, LoTW-WAZ will be made available to everyone.

"The goal is for Amateur Radio operators to be able to directly submit LoTW confirmations for WAZ credit," ARRL and CQ said in a joint statement. "Standard LoTW credit fees and separate CQ award fees will apply."

Logbook of The World is ARRL's electronic confirmation system for Amateur Radio contacts. It provides a confirmation when both stations in a contact submit their logs to the system and a match between the logs is confirmed. LoTW has supported the CQ WPX Award program since 2012.

REFLECTION OF THE PAST



Field Day 1983 – Hackett's Park

WEDNESDAY EVENING SUPPER CLUB



NOMINATIONS SOLICITED FOR SIX ARRL AWARDS

ARRL invites nominations for awards that recognize educational and technological pursuits in Amateur Radio. Nominations are also open for the League's premier award to honor a young licensee -- the Hiram Percy Maxim Award.

- **The Hiram Percy Maxim Award** recognizes a radio amateur and ARRL member under age 21 whose accomplishments and contributions are of the most exemplary nature within the framework of Amateur Radio activities. Nominations for this award need to be made through the nominator's ARRL Section Manager, who will forward the nomination to ARRL Headquarters by March 31, 2018.

- **The ARRL Herb S. Brier Instructor of the Year Award** honors an ARRL volunteer Amateur Radio instructor or an ARRL professional classroom teacher who uses creative instructional approaches and reflects the highest values of the Amateur Radio community. The award highlights quality of, and commitment to, licensing instruction. Nominations are due by March 15, 2018.
- **The ARRL Microwave Development Award** pays tribute to a radio amateur or group of radio amateurs who contribute to the development of the Amateur Radio microwave bands. The nomination deadline is March 31, 2018.
- **The ARRL Technical Service Award** recognizes a radio amateur or group of radio amateurs who provide Amateur Radio technical assistance or training to others. The nomination deadline is March 31, 2018.
- **The ARRL Technical Innovation Award** is granted to a radio amateur or group of radio amateurs who develop and apply new technical ideas or techniques in Amateur Radio. The nomination deadline is March 31, 2018.
- **The Knight Distinguished Service Award** was established to recognize exceptionally notable contributions by a Section Manager to the health and vitality of the ARRL. The nomination deadline is April 30, 2018.

The ARRL Board of Directors selects recipients for these awards. Winners are typically announced following the Board's July meeting. [More information](#) about these awards is available on the ARRL website, or by contacting [Steve Ewald, WV1X](#), telephone [\(860\) 594-0265](#), at ARRL Headquarters.

FROM THE EDITOR'S EMAIL BOX WX3MAS "CHRISTMAS CITY" REVISITED

In 1969 the DLARC worked with the city of Bethlehem, PA to promote The "Christmas City". We had Norm K3NZ and Skip K3CC as Co-chairman. promoting the W3OK DLARC.....and the " Christmas CITY of Bethlehem, PA " The Christmas City Postage Stamp may have been issued in 1969

2019 will be the 50th Anniversary of the "The Christmas City" event.....I would like to explain why WX3MAS is VERY SPECIAL.....It maybe interesting to contact the City of Bethlehem and explain the event and the 50th Anniversary in 2019.....The Sister City of Bethlehem in Japan May have also been involved.

I feel it was a BIG mistake to leave Bethlehem.....W3PYF started it because he wanted to be ARES for Northampton County.....They wanted as now a do nothing make no waves ARES.....

WX3MAS EVENT

The FCC until WX3MAS had NEVER ISSUED A SPECIAL CALLSIGN.....WX3MAS WAS the FIRST EVER SPECIAL EVENT CALLSIGN ! The Event was a WORLD WIDE EVENT and a FIRST FOR AMERICAN AMATEURS..... We worked 24 hours a day with about 20 members...at Sell Field in Bethlehem.....

The City paid the postage and QSL Cards. The Chamber of Commerce of Bethlehem was involved in financing the program This Event put the City on the World Wide Map.....

I know Rick / K3OO and Al / W3CE remember the hours spent on massive pile up, QSL'ing and playing PingPong....we maybe the only ones left from 1969! I'll be 71 in 2019....

Now I live 6 hours from Bethlehem, I would like to see an effort to promote the DLARC again after 50 years.....Maybe work to promote Bethlehem, PA

de Skip / K3CC

WORK PROGRESSING TO INCORPORATE CQ MAGAZINE'S AWARD INTO LoTW

Beta testing for bringing CQ Magazine's Worked All Zones (WAZ) award program into ARRL's Logbook of The World (LoTW) system continues to move forward, officials from CQ and ARRL assured this week.

Some problems in the implementation were discovered by testers and have since been corrected; the documentation has also been improved by feedback from the testers. In parallel, the LoTW server has been executing a background task that creates and populates a WAZ account for each LoTW user.

Beta testing will continue until this background task completes. When all WAZ accounts have populated, LoTW-WAZ will be made available to everyone.

"The goal is for Amateur Radio operators to be able to directly submit LoTW confirmations for WAZ credit," ARRL and CQ said in a joint statement. "Standard LoTW credit fees and separate CQ award fees will apply."

Logbook of The World is ARRL's electronic confirmation system for Amateur Radio contacts. It provides a confirmation when both stations in a contact submit their logs to the system and a match between the logs is confirmed. LoTW has supported the CQ WPX Award program since 2012.

A MESSAGE TO MEMBERS FROM ARRL PRESIDENT RICK RODERICK / K5UR

In the last few weeks, the ARRL's Board of Directors has been the subject of an organized misinformation campaign. It is being orchestrated by a group of hams, some of whom are well-intentioned but have been misled. This effort, which consists of a series of mis-characterizations, initially dealt with (1) the ARRL Board's censure of an ARRL Director, and (2) some proposed revisions to ARRL's [Articles of Association](#) and [Bylaws](#) that are likely to be considered at the upcoming ARRL Board meeting and which were circulated by a member of the Board. None of the proposed *Article* and *Bylaw* changes has yet been addressed by the Board of Directors. More recently, other equally erroneous and false statements have been made with respect to completely unrelated issues, in an effort to draw into question ARRL's decision-making processes. The principal suggestion is that ARRL operates under some "cloak of secrecy." The criticism is unfair and undeserved.

ARRL's representative system of governance, which has worked exceptionally well in the advocacy and promotion of

Amateur Radio and the interests of ARRL members for more than 100 years, is unchanged. And the legislative and other advocacy positions currently being pursued are critical to the long-term survivability of the Amateur Radio Service.

ARRL's representative system of governance, which has worked exceptionally well in the advocacy and promotion of Amateur Radio and the interests of ARRL members for more than 100 years, is unchanged. And the legislative and other advocacy positions currently being pursued are critical to the long-term survivability of the Amateur Radio Service.

The ARRL Board does seek thoughtful, informed input on policy issues concerning Amateur Radio from its roughly 150,000 members. ARRL's governance structure provides that regionally elected, volunteer Directors will represent the interests of the members in their respective Divisions, working collectively and collegially within our Board to make policy and to advocate their constituents' interests. ARRL's Board members hold cabinet meetings and forums at hamfests and conventions, and they staff ARRL booths at hamfests and conventions in order to find out what interests and concerns you have as ARRL members. They take this feedback from you, and they come to Board meetings twice a year to make policy for the organization. They work together collegially to develop the best policy decisions. This structure presumes that the Board's collective wisdom is far greater than that of any one Board member, and each Board member is obligated by our *Articles* and *Bylaws* to come to meetings with a good idea of what the members need and what is best for Amateur Radio as a whole.

As is the case with most large, national nonprofit associations, ARRL Board meetings are not open to the public. It has always been that way, as a matter of necessity. That is because, at all such meetings, confidential issues such as spectrum protection, employee compensation, financial information, and FCC submissions are candidly discussed, and the members' interests at those meetings are advocated by the Directors on a representative basis.

Unfortunately, it was necessary for the Board to take the highly unusual action of publicly censuring one of its members recently. The Board heard the allegations made by an ARRL member of what transpired at an Amateur Radio event; it heard reports from other amateurs who were there, and it heard all the information that the Director involved chose to present. Everyone had a chance to speak and to evaluate the presentations. The Board, in an 11 to 3 vote with one abstention, took action to protect the organization's integrity based on the information presented. This process and procedure are what nonprofit associations have to be prepared to employ, and do employ, to maintain order within their organizations and to ensure that the interests of the affected Director are protected as well. This is not a procedure that any nonprofit organization would conduct publicly.

ARRL Directors are volunteers. They are smart, dedicated radio amateurs who each devote thousands of hours per year of their own time to representing you as best they can. -- ARRL President Rick Roderick, K5UR

The ARRL has been drawn into question, probably as the result of the fact that the Board's censure decision was based upon a violation of that policy by the Director involved. The Policy is intended to protect the democratic decision-making processes by which ARRL has operated effectively for so long, and to set forth principles to guide an organization's decision making and the behavior of individual board members when acting on behalf of ARRL. When it was adopted by the Board a year ago, it was posted for ARRL members to read. The policy calls for honesty, integrity, transparency, confidentiality, and equity. The purpose of adopting such a statement formally is to provide employees, volunteers, and board members with guidelines for making ethical choices and to ensure that there is accountability for those choices.

When board members of a nonprofit adopt a code of ethics, they are expressing their commitment to ethical behavior. It is intended to protect the Board's deliberations and to protect the staff from inappropriate actions by Board members. It seeks to preclude precisely the type of selective disclosures and unilateral and subjective characterizations of proposed Board actions that have happened recently. There is nothing at all insidious about the policy, which is subject to regular review and modification, as are all other ARRL organizational documents.

As to the criticism of the proposed *Articles* and *Bylaws* changes, the Board has not yet considered them. It may or may not adopt some or all of the changes recommended by its Executive Committee or by an individual Director. Any responsible Board of Directors regularly reviews, amends and updates its *Articles* and *Bylaws*. And ARRL member input is welcome on all such subjects. Indeed, the recommended *Article and Bylaws* changes were not considered to be Board confidential. The problem, however, is that it is not fair to members, or to the representative Directors who have yet to evaluate them collectively, to have the proposals mischaracterized or misrepresented.

ARRL Directors are volunteers. They are smart, dedicated radio amateurs who each devote thousands of hours per year of their own time to representing you as best they can.

To those who try to suggest that the Board has abandoned its obligation to the members in favor of the organization -- you draw a distinction that doesn't exist. The Board absolutely understands that the members are the organization. The members of ARRL are always best served by an informed Board that works together to make policy that is in the best interests of the organization. The divisive tactics that are being used now, commenced through disinformation and a lack of candor, are harmful not only to the organization, but to Amateur Radio operators everywhere, the good work of the ARRL staff, and the Service that we love so much.

THE YEAR IS 1917

The year is 1917 "One hundred years ago."

What a difference a century makes! Here are some statistics for the Year 1917:

The average life expectancy for men was 47 years.

Fuel for cars was sold in drug stores only.

Only 14 percent of the homes had a bathtub.

Only 8 percent of the homes had a telephone.

The maximum speed limit in most cities was 10 mph.

The tallest structure in the world was the Eiffel Tower.

The average US wage in 1910 was 22 cents per hour.

The average US worker made between \$200 and \$400 per year.

A competent accountant could expect to earn \$2000 per year.

A dentist \$2,500 per year.

A veterinarian between \$1,500 and \$4,000 per year. And, a mechanical engineer about \$5,000 per year. More than 95 percent of all births took place at home. Ninety percent of all Doctors had NO COLLEGE EDUCATION! Instead, they attended so-called medical schools, many of which were condemned in the press AND the government as "substandard."

Sugar cost four cents a pound.

Eggs were fourteen cents a dozen.

Coffee was fifteen cents a pound.

Most women only washed their hair once a month and used Borax or egg yolks for shampoo.

Canada passed a law that prohibited poor people from entering into their country for any reason.

The Five leading causes of death were:

1. Pneumonia and influenza
2. Tuberculosis
3. Diarrhea
4. Heart disease
5. Stroke

The American flag had 45 stars. The population of Las Vegas, Nevada was only 30.

Crossword puzzles, canned beer, and iced tea hadn't been invented yet.

There was neither a Mother's Day nor a Father's Day.

Two out of every 10 adults couldn't read or write.

And, only 6 percent of all Americans had graduated from high school..

Marijuana, heroin, and morphine were all available over the counter at local corner drugstores. Back then pharmacists said, "Heroin clears the complexion, gives buoyancy to the mind, regulates the stomach, bowels, and is, in fact, a perfect guardian of health!" (Shocking?)

Eighteen percent of households had at least one full-time servant or domestic help.

There were about 230 reported murders in the ENTIRE U.S.A. !

HAPPY ST. PATRICK'S DAY



into 1" cubes

4 medium carrots, peeled and sliced 1/4" thick
1 tsp salt

Irish Stew

Ingredients:

2 lbs boneless lamb shoulder, cut
4 medium potatoes, sliced 1/2" thick
2 medium onions, sliced 1/4" thick
2 stalks celery, sliced 1/4" thick
1/4 tsp black pepper
1/2 tsp thyme
1 cup water
2 tbs chopped fresh parsley



Directions:

Preheat the oven to 325 degs. F. In a large Dutch oven or covered casserole, layer the ingredients in the following order: Lamb cubes, sliced potatoes, sliced onions, sliced celery, sliced carrots, sprinkling each layer with salt, pepper and thyme. Add the water to the pot, cover and slowly bring to a boil over medium-low heat. Let simmer for 5 minutes, then transfer the pot to the oven and bake, without lifting the lid or stirring, for 2 to 2 1/2 hours or until the lamb is tender. Sprinkle with chopped parsley, stir very gently to mix (the potatoes will be very soft) and serve.

REAL DISASTERS HAPPEN TO REAL HAMS

The Great Tubbs Fire of 2017

At 11:02 PM, October 8, 2017, I answered my land line and heard:

"THIS IS SONOMA COUNTY SHERIFF EMERGENCY COMMUNICATION -EVACUATE IMMEDIATELY - THIS IS AN EVACUATION CALL - THIS IS NOT A DRILL -EVACUATE IMMEDIATELY - THERE IS A WILDFIRE AND MARK WEST SPRINGS ROAD MUST EVACUATE"

I don't remember the exact wording, but that robot call really wanted me to wake up and pay attention. I had already been patrolling my driveway for an hour. There was too much smoke -- thick, choking smoke -- although I could not see fire anywhere. I have chronic asthma and I am always alert to such pollutants. My husband and son were traveling out of state, so this was a solo evacuation; I was on my own.

October 7 was the date of the annual California QSO Party. My friend, Carole Whitteberry, W6TTF, had traveled up from Fresno to join me for a much-needed, laid-back contest. We weren't trying to run up the numbers this year - the goal was to just have fun. Her husband, Jan, WA6WTF, had become a Silent Key in July. We made just 90 QSO's in 24 hours. No rush, no worry, no sweep. At the end of the contest, for the first time in my ham life, I submitted our log before shutting down the computer. Good move. Several hours later, my house was vaporized.

I earned my Technician license in 2006, with the call sign KI6TII. I earned my Extra class license in 2009, and was granted my Dad's call, KU6F. I quickly developed new interests - contesting and net controlling. I joined the Auxiliary Communications Service (ACS), got my Sheriff's volunteer ham radio operator ID, trained in traffic control and emergency services, and learned how to stay safe in an emergency - training that ended up saving my life and the lives of my immediate neighbors. Who would have known?

After I submitted our log for CQP 2017 and sent Carole on her way back to Fresno, I settled into my evening routine. After nightfall, however, I began to smell wood burning smoke, too much of it. I had feeds from the Sheriff's office and City of Santa Rosa Police forwarded to my cell phone. At approximately 10:45 PM, I received a feed that Porter Creek had received evacuation orders, at which point I put both cats into their carriers and "staged" them with my briefcase, purse, phone, Rx bag, and power cords at the front door. My dog was passed out on the bed.

I walked to the top of the driveway and watched the full moon go from crimson red to completely blacked out - not good. At 11:02 PM, I received the emergency evacuation call on my landline and raced to the closest neighbors and woke them up. I phoned the more distant neighbors, rousing them - *FIRE, GET OUT NOW, EVACUATE NOW!!!*

After loading both cats, my luggage, and my very old, slow walking dog into my car, I went back into the house for food. But, I heard in my head "NO!" so I immediately moved towards the front door. I asked "what do I need before I leave?" and heard the answer in my head "*YOU NEED TO GET OUT NOW! LEAVE NOW!*" I grabbed my flashlight and sleeping bag, locked the front door, got into my car, and drove away.

At 11:26 PM, I drove down Mark West Springs Road, which was surreal. I knew there were fires at Riebli and Sky Farm, visible from the road, but all I could see was dark smoke, like an inverse valley fog. There was no one else on the road until I got to Old Redwood Highway where the sheriff had set up a roadblock. I drove south on route 101, again finding no one on the road with me heading southbound. I was in a between-evacuations bubble, for which I was grateful. Emergency vehicles sped north on 101. I drove to our shop in Roseland where I spent the night watching the emergency feeds, talking with various friends "yes, I am safe," and helping others with what was going on. What a crazy night it was. I was thankful I had my office in Roseland with both cats and the dog.

Fast forward to November 18: Alan, K6SRZ and his wife, Carole, have put my family and pets up in their home in Penngrove while we search for our new home. We are safe, and Alan and I are working single station multi-op for November Sweepstakes - a perfect ending of ham radio, how it keeps me happy as a hobby, how it prepared me for this emergency. -- *Saraj Cory, KU6F, Santa Rosa, California, ARRL Life Member*

WHICH CAME FIRST: THE RADIO OR THE ARIAL?

Bill Connelly / W3MJ

According to Clinton B. DeSoto in his book "Two Hundred Meters and Down", published by the ARRL in 1936. one of the first experiments in communication was in 1865. Dr. Mahlon Loomis, a dentist in Washington DC had sent aloft a pair of kites, 18 miles apart, in the style of Ben Franklin. The kites were made of fine copper gauze that had a tail of stranded copper wire trailing down toward the Earth. When one kite was connected to a galvanometer and then to a coil of wire buried deep in the earth, the galvanometer of the other kite would quiver.

This was most likely the first 'Aerial Telegraph" utilizing only "natural static" for operating power. The importance of the experiments were somehow not as earthshaking as Dr. Loomis had hoped and he never gave up trying to convince the scientific community of the fact. However, he did accomplish one major thing. He called the trailing wire an "aerial" and he was the first use one in wireless communications by at least 20 years.

THE BONES OF AN ORGANIZATION

The body of almost every organizations as 4 kinds of bones:

The Wishbones – Who spent all their time wishing someone else would do the work..

The Jawbones – Who doing all the talking but little else.

The Knuckle bones – Who knock everything that anybody else tries to do.

The Backbones – Who get under the load and do the work.

F.Y.I.

The April Program will be "Deep Space Communications" – Ken / KB3MDT

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 2017 – 2018 OFFICERS

President – Bill Connelly - W3MJ ----- president@dlarc.org
Vice President – Stephanie Koles / WX3K ----- 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
Malcolm Leslie / KD2BDA ----- mleslie105@yahoo.com
Les Morrow / W3LES ----- lesterf52@gmail.com
Skip Paulsen / W1PV ----- flathead@rcn.com
Bill Connelly / W3MJ ----- cqw3mj@gmail.com

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

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

THE W3OK TRUSTEE --- Barry Vogt / N3NVA

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

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