

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
DECEMBER 2018



W3OK

CORRAL

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

DECEMBER MEETING PROGRAM

"ANNUAL HOLIDAY CELEBRATION"

NOVEMBER PROGRAM



"THE K3LR SUPERSTATION STORY"

Bob Naumann / W5OV

FROM OUR PRESIDENT'S SHACK THE ROAD

Holiday Greetings to all as we enter the upcoming 2018-2019 holiday season. We all think of this time of year as a time to be thankful for what we have. The world around us is awash with change and turmoil. We try to make sense of it from our own personal perspectives but we come up short on solutions that make sense for everyone.

Paul Segal W9EEA's 1928 "The Radio Amateur's Code" certainly seems valuable in this day and age when it comes striving for harmony among amateurs worldwide. BEING Considerate, Loyal, Progressive, Friendly, Balanced and Patriotic are the listed essential elements.

We all share "the ROAD" when we tune up our brand new transceiver on our favorite band and expect to take it for a test drive. Some operators on "the ROAD" are newbies and unsure of themselves but with time they will become more confident in sharing space with us on "the Road". We should allow them to make mistakes and offer considerate ways of operating if we are in a position to do so. Most operators handle themselves well on "the Road" but of course there are those few that like to be examples of what not to do and put us at risk in the eyes of discerning authority. There is no need to express oneself in any manner which others consider less than civil when trying to enforce the situation. Excuse them for their ignorance of the big picture and proceed on with your day to find others that you enjoy chatting with you on "the ROAD".

Operating practices have changed a little over the years from my perspective but as long as we can share "the Road", we will continue to succeed in demonstrating to the FCC and other worldwide entities that we are worthy of maintaining our privileges. Privileges? Yes, privileges! We all need to take a step back and think about how lucky we are to have frequency spectrum available to us to experiment with and communicate on. As technology changes and industries clamour for more spectrum to satisfy their new service needs and we dive into new cool things like DSTAR, DMR, FT8 and JT65, we must realize we all don't have to pay for our radio spectrum usage. Yes, we may have to pay for the gear but not the spectrum. Treat "the Road" like a privilege instead of a right, this way we can all enjoy "the Road" for many generations to come !"

Stephanie WX3K

NOVEMBER MEETING MINUTES

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on Nov. 1, 2018 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. Stephanie's vision for the Club is to get more involved with social media, putting the good word out there. She would like to see us do more to get young people licensed. She noted that we are making strides in revitalizing our Facebook page, and looking at our website to see how we could modernize it to catch people's attention. Stephanie is investigating our getting more involved in something similar to the Make Lehigh Valley organization. She reached out to Scott Piccotti, KC3IAP, to talk about having our two groups work together to promote a youth-oriented session on ham radio or STEM-related subjects. Stephanie also suggested that next year we might host an ARRL Kids Day, which takes place twice a year in January and June. Next year it will be held on Saturday, January 5th.
- b. We have an up and running PayPal account on our website, so you can now pay your dues online. Simply log in, go to USER MENU and select "PayPal dues payment."
- c. In the interest of better continuity, we are compiling a list of passwords for all of the Club's accounts. If you are the administrator of a Club on-line account, please let JoAnn know the password for the account.

Members Announcements:

Howard Sherer, AE3T, brought to the meeting a QRP Labs QCX Kit to show members. The kit, with cost \$49 plus shipping, is a 5W, single-band, CW transceiver kit with WSPR beacon, and built-in alignment/test equipment. It is available for 80, 60, 40, 30, 20 or 17m bands. He built his for 40 meters. Howard said that the receiver is spectacular, and it can function as a CW beacon transmitter or a whisper beacon.

Carl Seier, AA3IX, announced that Sacred Heart Hospital has been taken over by St. Luke's Hospital. They have some 19" flat, wide-screen monitors, keyboards, and computers, about 4 years old but without a hard drive and need a battery, they will sell at cost. If anyone is interested, contact Carl.

Secretary's Report: JoAnn Schaffer, ND3JJ, announced that the Minutes for the October 2018 General Meeting were emailed to the membership on Oct. 24, 2018. A motion to accept the Minutes was made by Howard Sherer, AE3T, seconded, and it was so moved.

Treasurer's Report: Mike Gower, KB3LOD, gave his report. A motion to accept the Treasurer's Report was made by Dave Blankenship, N3EYT. It was seconded, and so moved.

Committee Reports:

Membership: Applications for membership were submitted by: (1) Brett Holland, who received an Extra license. (He had no call sign at the time of the meeting, but he has since been granted the call sign, AC3DL.) Mark Bond, W3MB, moved to accept him for membership; it was seconded and so moved. (2) Thomas Keel, K4IZY. Terry Swinney moved to accept him for membership; it was seconded and so moved. (3) Matt Vanderhoff, N3VAN, Mark Bond moved that his application be accepted; it was seconded and so moved.

Programs: Evelyn Uhler, W3DOY, announced that Bob Mohn, W5OV, would replace Tim Duffy as host of this evening's program. We are still in need of speakers/presenters for next year. Evelyn asked that members contact her with suggestions.

Community Service: Bob Green, KE3AW, said we had 15 members participating in the radio security detail of the

Emmaus Halloween Parade.

Other: Ben Ramig, KB3CTX, said that there was a notice on our Club's Facebook page from the Reading Radio Club stating that their speaker on Nov. 9 would be Riley Hollingsworth, K4ZDH, the ARRL Atlantic Division Vice Director. The meeting venue is the Berks County Agricultural Center.

New Business:

Dave Blankenship, N3EYT, announced that the **WX3MAS event** will be held on December 15th & 16th. This is the 50th year we have hosted this event, although not contiguously. It will run from 9 a.m.-5 p.m. each day.

For this year's **Club Christmas Party**, JoAnn Schaffer, ND3JJ, will coordinate the food and Ed Pitosky, AA3OU, will handle the beverages.

Adjournment: There being no further business, the Meeting was adjourned at 7:58 p.m.

Minutes submitted by

Secretary, JoAnn Schaffer, ND3JJ

DECEMBER QUICK CHECK CALENDAR

*

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|--------|-------------------------|------------------------------|-----------------------------|-------------------------------|------------------------------|----------|
| | | | | | | 1 |
| 2 | 3 HANUKKAH BEGINS | 4 | 5 DLARC Net (KB3CTX) | 6 DLARC Meeting 7:30 PM | 7 NO VE SESSION | 8 |
| 9 | 10 HANUKKAH ENDS | 11 | 12 DLARC Net (K3PDL) | 13 | 14 | 15 |
| 16 | 17 | 18 DLARC BOARD MEETING | 19 DLARCC Net (W3NAM) | 20 | 21 FIRST DAY OF WINTER | 22 |
| 23 | 24 | 25 MERRY CHRISTMAS | 26 DLARC Net (ND3JJ) | 27 | 28 | 29 |
| 30 | 31 | | | | | |

VE TEST SESSION

There will not be a test session this month. The next session will be on January 4th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact John / NC3P at nc3p@arrl.net

DECEMBER CONTESTING AT THE OK CORRAL



December 1 & 2 – EPC Ukrainian DX Contest

– Ten Meter RTTY Contest

December 8 & 9 – ARRL Ten Meter Contest

– International Navel Contest

December 15 & 16 – Croatian CW Contest

– ARRL Rookie Roundup

December 22 & 23 –

December 29 & 30 – Original QRP Contest

– Stew Perry Topband Challenge



NEW MEMBERS

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- 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 Brett Holland / AC3DL and Thomas Keel / K4IZY.

MEMBERSHIP DUES ARE DUE!

It's that time, already! DUES are payable for the calendar year 2019. Here's how easy it is to remit your club DUES and keep your valuable D.L.A.R.C. Membership current. Whether in person or by mail, **CHECKS made payable to the D.L.A.R.C.** Is one method of payment to more accurately record your timely renewal. Please ensure that your call sign appears somewhere on the instrument, such as in the memo field. Payment may also be made using PayPal. Paying with cash is discouraged, but if you really, *really* have to, kindly make certain you are prepared with the correct sum according to the rate table shown below. Remember, if your DUES are not paid by December 31st, your membership will expire.

– 2019 DUES Rates

Regular Membership 18-64 years of age:

Jan. - Dec.\$20.-

65 and over, or retired from all forms of employment (no age limit)

Jan. - Dec.\$15.-

Additional Family member
each \$5.-

Associate Individual Membership
\$12.-

You are strongly encouraged to MAIL your DUES so that I may conduct the bulk of the record-keeping duties apart from where I believe you deserve the most of my attention. In person at Club Meetings, I'd prefer to answer your questions, address your concerns, and welcome your thoughtful revenue raising and savings ideas. Therefore, it is firmly advocated that DUES correspondence be mailed to:

Michael J. Gower

1511 Shelbourne Drive

Bethlehem, Pa. 18018

Enclosing a S.A.S.E will bring your new membership card back to you immediately if you can't attend the next Meeting where they are routinely distributed. You may write to me anytime with questions regarding DUES, or to discuss issues that you believe are my responsibility at: Treasurer@dlarc.org. Include your phone number if you prefer a live reply.

de Mike / KB3LOD, DLARC Treasurer

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

NOVEMBER BRAINTEASER ANSWER

The Letter N

The winner is **Bob / KE3AW**



DECEMBER BRAINTEASER

There were five men going to church and it started to rain.
The four that ran got wet and the one that stood still stayed dry.
How did the one stay dry?

EMMAUS HALLOWEEN PARADE

"This was the quietest, most uneventful parade yet. That is a good thing." - Mark / AK3M His statement was a summary of thoughts about this year's Emmaus Halloween Parade,

Saturday, October 20. Surely it was an enjoyable evening for the thousands of spectators watching curbside and on SECTV2, too.

Our presence of 14 "Security" vehicles in the parade- the eyes and ears - alert to any irregular activities among the spectators, parading units or the parade progression -- in general is credited in large part for the untroubled event.

Thanks and recognition go out to our contingency that included our Net Control Operator, George / N3SQD, and 14 drivers and their passengers. Steve / K2OPA with Josie / K2OMA and her mother; Jay / N3OW with Cathy / YL;

Steve / W3NAM with Bonnie and grandchildren, Mark / W2MB, Mark / AK3M, Dean / AB3BD with son William; Doug / N3WGH with Kathy; Evelyn / W3DOY with Charles; Doreen / K3PDL; Sean / KC3LMZ; David / N3EYT with Maurie / KC3AVX and Kathy; Larry / AB3TY with Anne / KC3EYB; Shea / KC3LOS with friends; and Bob / KE3AW with Andrea and N3SQD's wife, Wendy.

Additionally, thanks to Doug / N3WGH for the use of his home station as the location for our cross-band repeater. After the parade the tradition of a fun "Meeting B" was held at the Superior Restaurant in Emmaus.



HOW TO REGISTER TO THE DLARC WEB PAGE

I was recently asked how to register to the DLARC site.

First - for those that do not know, the page address is still the same: www.dlarc.org

Only club members can register to the site.

Only club members can post to the site or gain access to the club rosters which includes addresses, phone#s, e-mail etc. I believe there will be more added later that members only have access.

Scroll down on the front page. You will see on the left a place to log in. Under the log in spaces you will see:

-forgot your password?

-Forgot your username?

-Create an account.

Click on "create an account"

Now you will see the registration form. All fields must be filled in. We are a private forum/web page on the site so feel free to use your real name in the first space.

!!!!The user name **MUST BE YOUR CALL SIGN!!!!**

CHRISTMAS CITY – WX3MAS 2019

We are looking for some wise men and women to journey from afar and come join us in celebrating the holiday season and the 50th anniversary of the WX3MAS Christmas City Special Event. We will be operating from our club station in Nazareth, PA and sharing Season's Greetings with Amateurs near and far. Watch for sign-up sheets and opportunities to bring food for the two day event to be held on December 15 & 16, 2018. Operating times will be 9 am to 5 pm ET each day. Look for us in the December issue of QST magazine. For more information, contact Dave / N3EYT at N3EYT@ARRL.NET

JOTA 2018



On Oct 20th we enjoyed a visit by Boy Scout Troop #40, from Good Shepherd Lutheran Church in Kreidersville, for the 2018 edition of Jamboree on the Air. We had approx. 15 scouts and several parents in attendance. As usual for this part of the Sun spot cycle 20 meters was almost useless. We were able to get the scouts talking on 40 meters to other stations in the eastern U.S. Several other Scout troops in the U.S. were also visiting amateur radio stations and were able to compare notes with each other. A good time was had by the troop and plans are in the works to operate again next year.

LIGHTBULB QSO PARTY

Do you have what it takes to be TOP BULB? Announcing the 2019 Lightbulb QSO Party.

March 9th, 2019 20:00 UTC through March 10th, 2019 20:00 UTC

That's right!.....a QSO party where the participants transmit and receive signals on CW, Phone, and digital modes using an antenna where a lightbulb is the main radiating element. TOP BULB honors will be awarded to participants in 5 categories of operation.

HOUSEHOLD – COMMERCIAL/INDUSTRIAL – HOMEBREW – DUMMY LOAD -- FREESTYLE

Skeptical? Check out work that has already been done to prove that a lightbulb-based antenna can be used in QSO's over significant distances at hamsignal.com.

The Objective of the Lightbulb QSO party is to build and use an antenna constructed in a manner so that the lightbulb is the main radiating element and to promote understanding and practical application of antenna matching concepts that allow a lightbulb to be used as a radiator in two way radio communications.

Google "The Lightbulb QSO Party".for more Information



NOVEMBER PROGRAM REPORT

Amateur Radio Superstation – K3LR

Tim Duffy, K3LR of West Middlesex, PA. Was unable to present the program, but Bob Naumann / W5OV, who is a long time friend and contester stepped in for this evening. Tim has been a ham since 1972 and in 1987 he bought an 11 acre, 1860's farm property and immediately started setting up his dream station. Today, 27 years later, it has become that and much more. Simply stated, the K3LR station is one of the number one Multi/Multi contest DX stations on the planet. Tim engineered and built the entire station and its massive 11 acre antenna farm of 13 towers, including its Yagi's, directional arrays, and switching systems that give it capabilities that are seldom seen in the amateur world.

The operating positions are in the basement of the old farm house and nearly every antenna is fed with 1 5/8 inch hardline in uninterrupted runs that span as much as 1500 feet from the antennas to the shack. Why hard line? Although very expensive new, most of the line Tim used was obtained used as surplus from cellular or two way antenna companies at a fraction of its original cost. The towers are also from cellular and broadcast surplus sales.

One of Tim's crown jewels is the 20 meter stacked Yagi array. Situated on one of the tall towers, it includes 4 full sized, custom designed 20 meter Yagi's that Tim built himself. Spaced exactly one wavelength apart on the tower, they can be operated either individually or in various phased combinations. Each antenna has its own separate ring rotator. When all 4 are fed in phase and pointed towards Europe, signal reports are 5/9+ on a bad day. With a total of 24 elements in phase, the array sounds like a 1500 watt linear, even when running only 100 watts.

Tim has multiple Yagi's on all bands from 40 through 6 meters however most of his favorite and challenging operating is done on the lower bands with vertical arrays.

Let's have a look inside the shack. First, however, you should know what a multi/multi station is used for. A multi/multi station is a Multi-operator / Multi-radio contest station. In the large DX contests, these large stations are in a separate category. Four times per year, Tim invites a dozen or so of the best contest operators from around the world to join him in his shack to work the contests and have fun. The K3LR station has an impressive track record of success, having won (#1 in the USA) an impressive number of DX contests in the multi multi category, especially since 2004. Tim has hosted over 100 different contest operators during the 22 years they have competed in Multi Multi.

NOVEMBER VE SESSIONS

John / NT3P

Two test sessions this month. The regularly scheduled odd-month session and the 10th class of the licensing classes.

Summaries below:

November 2, 2018 Session:

Tested 16 applicants and 13 people earned an upgrade or initial license.

New license class earned:

10 Technicians

3 Generals

0 Extras

November 6, 2018 Session:

Tested 9 applicants and 7 people earned an upgrade or initial license.

New license class earned:

4 Technicians

2 Generals

1 Extras

CONGRATULATIONS TO ALL NEW LICENSEES AND UPGRADES!

De KE3AW

- 1 KC3JHT Swinney, Terry Extra
- 2 KC3LMZ Campbell, Sean General
- 3 KC3MKN Soanker, Abhinay Tech
- 4 KC3MKO Mammana, Peter M Tech
- 5 KC3MKP Matlack Jr, James J General
- 6 KC3MKQ Weber, Joseph T Tech
- 7 KC3MKR Goffinet, Theodore C Tech
- 8 KC3MKS Casper, Barry R Tech
- 9 KC3MKT Smith, Thomas H Tech
- 10 KC3MKU Harvilla, Joseph L Tech
- 11 KC3MKV Parsons, Phillip C General
- 12 KC3MLD Young, Richard T Tech
- 13 KC3MLG Trumbore, Andrew Tech
- 14 KC3MLH Stone, Matthew Tech
- 15 KC3MLI Peters, Christopher Tech
- 16 KC3MLJ Barbier, Geoffrey Tech
- 17 KD2QWS Treichler, Donald Tech

ARRL, FCC DISCUSSING ISSUE OF UNCERTIFIED IMPORTED VHF/UHF TRANSCEIVERS

ARRL has taken a minor exception to the wording of a September 24 [FCC Enforcement Advisory](#) pertaining to the importation, marketing, and sale of VHF and UHF transceivers and is in discussion with FCC personnel to resolve the matter. The Enforcement Advisory was in response to the importation into the US of certain radio products that are not FCC certified for use in any radio service, but identified as Amateur Radio equipment.

"While much of this equipment is actually usable on amateur bands, the radios are also capable of operation on non-amateur frequencies allocated to radio services that require the use of equipment that has been FCC certified," ARRL said. "Such equipment is being marketed principally to the general public via mass e-marketers and not to Amateur Radio licensees."

ARRL said the upshot is that the general public has been purchasing these radios in large quantities, and they are being used on the air by unlicensed individuals.

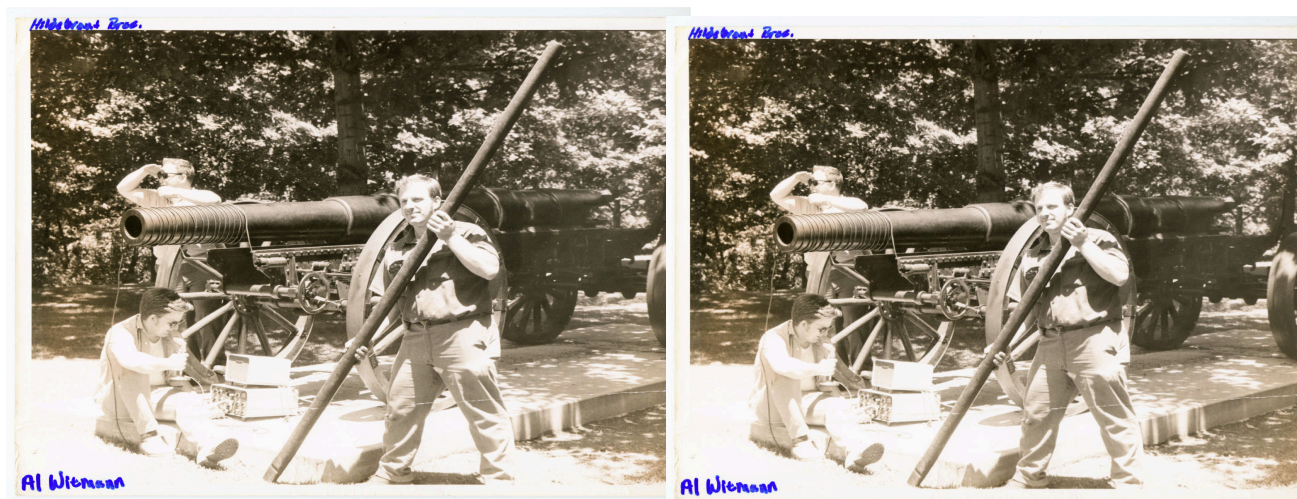
"Radio amateurs have complained of increased, unlicensed use of amateur allocations by people who are clearly unlicensed and unfamiliar with Amateur Radio operating protocols," ARRL said. But while it supports the general tenor and intent of the Enforcement Advisory, ARRL said it disagrees with the FCC on one point.

"In several places, the Enforcement Advisory makes the point that 'anyone importing, advertising, or selling such noncompliant devices should stop immediately, and anyone owning such devices should not use them,'" ARRL pointed out. "The Advisory broadly prohibits the 'use' of such radios, but our view is that there is no such prohibition relative to licensed Amateur Radio use -- entirely within amateur allocations -- of a radio that may be capable of operation in non-amateur spectrum, as long as it is not actually used to transmit in non-amateur spectrum."

ARRL has had extensive discussions about this issue with FCC Wireless Bureau and Enforcement Bureau staff, and those discussions are ongoing.

"It is important to protect the flexibility of the Amateur Service as essentially an experimental radio service, but it is also very important to stop the unlawful importation and marketing of illegal radios in the United States and the use of those radios by unlicensed persons," ARRL maintained. "We will keep our members informed as our discussions with FCC on this subject continue."

FROM THE DLARC ARCHIVES de Barb / W3ATC



70 years ago - In 1948 DLARC joined ARRL, 2 years after the club was founded.

60 years ago - In 1958 the W3OK call sign was transferred to DLARC after the death of member Edwin D. Hartman.

About 50 years ago -- c1967-1968 photos of Field Day at Hackett's Park, Easton, PA, showing the City of Bethlehem Civil Defense Communications Bus, club members operating from the bus, and three club members (Larry and Lamar Hildenbrandt and Al Wiemann) "hamming it up" during Field Day

30 years ago - In 1988, the club made over 2000 contacts on Field Day, a club record to that point. The club also decided to offer a club award certificate for any member who completed DXCC.

Thank You!

Joel Elston, K9TBD, donated a CD with files of the technical articles that he wrote for the club newsletter from 1983-1996. This addition to the club archives illustrates the development of technology, computers, and ham radio during this time period. Thank you, Joel!

NEW CEO WANTS ARRL TO SERVE ALL AGES AND AMATEUR RADIO INTEREST

Newly elected ARRL CEO Howard Michel, WB2ITX, is still on the uphill side of the learning curve as he acquaints himself with ARRL Headquarters and the nearly 90 staffers who work there. The New Jersey native arrived at HQ on [October 15](#) and has spent much of his time since meeting with department managers and others to get his bearings, with an eye toward building consensus and aligning people, programs, and services in the same direction.

"I'm still trying to understand what is working and where the challenges are," Michel said. "Once I understand where the challenges are, I need to understand *why*. Before I make any changes in what we're doing, I need to make sure the change is a step in the right direction and for the right reasons, and not kind of a random process."

Michel would like to see ARRL focus on the future of Amateur Radio and not become the redoubt of a particular generation of radio amateur or interest group. He said, "Ham radio shouldn't abandon the old guardians of the hobby, but at the same time, it needs to have new things that appeal to people who have different interests and different passions."

Ham radio appears currently entrenched with opposition often expressed to FT8 and other digital modes and protocols that bend Amateur Radio traditions and conventions, Michel observed. However, as he sees it, technology for the whole of Amateur Radio has been changing, and detractors to advances have always been present. He'd like ARRL to encourage more technological diversity without creating controversy.

"My kick is seeing the technology advance," the former IEEE president and CEO said. "I want to see hams embrace the new technology -- as long as we do that in a way that those who *don't* adopt the new technology won't feel abandoned." In his view, the real reason behind the continued enthusiasm for CW "is not the technology; it's the legacy."

At the same time, resources should reflect usage and interest, with respect to the spectrum and with respect to how many pages QST devotes to a particular interest area. "Everything should reflect the growth and change, without abandoning the legacy interests."

Acknowledging the incessant push to get more young people into Amateur Radio, Michel wants to explore ways "to morph some of the League's processes and services and products into something that would appeal to the newer generation of hams."

"Young people in general don't join organizations, but they join causes," he said. "With that kind of attitude, how do we develop the same kind of ability for people interested in Amateur Radio to self-organize around causes? And if we can design the infrastructure around that, maybe they'll see value in ARRL and become a new type of member -- not one who necessarily comes to ham club meetings once a month but finds the League can facilitate what they want to do." Michel said he's always enjoyed tinkering with ham gear, building it, modifying it, and repairing it, and then making it do something new or different. He concedes that while he has not had an opportunity to do much hamming as he's moved around with the military and for academic and business pursuits, he'd like to become more active, and he is presently exploring his options as an apartment dweller. As for FT8, he'd like to try it, if for no other reason than the novelty.

Michel said he definitely wants to encourage partnerships with other organizations with which ARRL might share some common ground, including IEEE.

"We can't do everything ourselves. We have to find partnerships," he said. Some IEEE operating units would be applicable to Amateur Radio, and he's already heard from two unit heads that are both hams.

Michel also feels that radio amateurs need to extend their gaze beyond the everyday nuts and bolts of Amateur Radio operating. "What we need to do is protect the spectrum from competition, develop interest in the various facets of Amateur Radio, and not try to pick fights 'in house,'" he said. "Spectrum is the gold of the 21st century."

THE WORLD'S SIX BEST DOCTORS

Steve Jobs Died a billionaire at age 56. This is his final essay:

"I reached the pinnacle of success in the business world. In some others' eyes, my life is the epitome of success. However, aside from work, I have little joy. In the end, my wealth is only a fact of life that I am accustomed to. At this moment, lying on my bed and recalling my life, I realize that all the recognition and wealth that I took so much pride in have paled and become meaningless in the face of my death.

You can employ someone to drive the car for you, make money for you but you cannot have someone bear your sickness for you. Material things lost can be found or replaced. But there is one thing that can never be found when it's lost -- Life. Whichever stage in life you are in right now, with time, you will face the day when the curtain comes down.

Treasure love for your family, love for your spouse, love for your friends. Treat yourself well and cherish others. As we grow older, and hopefully wiser, we realize that a \$300 or a \$30 watch both tell the same time. You will realize that your true inner happiness does not come from the material things of this world. Whether you fly first class or economy, if the plane goes down - you go down with it.

Therefore, I hope you realize, when you have mates, buddies and old friends, brothers and sisters, with whom you chat with, laugh, talk, sing songs, talk about north-south-east-west or heaven and earth, that is true happiness! Don't educate your children to be rich. Educate them to be happy. So when they grow up they will know the value of things and not the price. Eat your food as your medicine, otherwise you have to eat medicine as your food.

The One who loves you will never leave you for another because, even if there are 100 reasons to give up, he or she will find a reason to hold on. There is a big difference between a human being and being human. Only a few really understand it. You are loved when you are born. You will be loved when you die. In between, you have to manage!

The six best doctors in the world are sunlight, rest, exercise, diet, self-confidence and friends. Maintain them in all stages and enjoy a healthy life."

F.Y.I.

The January Program will be "3D Printing and Amateur Radio" – George / N3SQD

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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Les Morrow / W3LES ----- lesterf52@gmail.com
Steve Harper / W3NAM ----- sharper3152@gmail.com
John Barbaz / NT3P ----- nt3p@arrl.netSkip
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)

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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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