

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
FEBRUARY 2021



W3OK

CORRAL

Club Meeting February 4th, 7:00PM
Via ZOOM

FEBRUARY MEETING PROGRAM
To Be Announced



JANUARY MEETING PROGRAM
“Homebrew Night: Hands on Experience”
STEPHANIE / WX3K

REMEMBER TO USE WHEN BUYING AT AMAZON



FROM YOUR PRESIDENT'S SHACK

In just a few days, we will say hello to 2021. The past year has been one that we will never forget and one that displayed the resilience, courage, and generosity of all of us in the face of unimaginable challenges.

We, DLARC, must step up to these challenges head on. We must promote Amateur Radio like never before. I believe we need to target the younger group, 30 and under group, starting with an emphasis on the middle schools. Also lets not forget our older group that still might be interested.

Will the amateur airwaves fall silent? Since the dawn of radio, amateur operators—HAMS—have transmitted on tenaciously guarded slices of spectrum. Electronic engineering has benefited tremendously from their activity, from the level of the individual engineer to the entire field. But the rise of the Internet in the 1990s, with its ability to easily connect billions of people, captured the attention of many potential HAMS. Now, with time taking its toll on the ranks of operators, new technologies offer opportunities to revitalize amateur radio, even if in a form that previous generations might not recognize.

The number of US licenses has held at an anemic 1% annual growth for the past few years, with about 7,000 new licensees added every year. The FCC doesn't track demographic data of operators, but anecdotally, white men in their 60s and 70s make up much of the population. As these baby boomers age out, the fear is that there are too few young people to sustain the hobby.

"It's the \$60,000 question: How do we get the kids involved?"

This question of how to attract younger operators also reveals deep divides in the HAM community about the future of amateur radio. Like any large population, HAM enthusiasts are no monolith, their opinions and outlooks on the decades to come vary widely. And emerging digital technologies are exacerbating these divides. Some HAMS see them as the future of amateur radio, while others grouse that they are eviscerating some of the best things about it.

No matter where they land on these battle lines, however, everyone understands one fact. The world is changing and the amount of spectrum is not. And it will be hard to argue that spectrum reserved for amateur use and experimentation should not be sold off to commercial users if hardly any amateurs are taking advantage of it.

Before we look to the future, let's examine the current state of play. In the United States, the ARRL, as the national association for HAMS, is at the forefront, and with more than 160,000 members it is the largest group of radio amateurs in the world. The 106-year-old organization offers educational courses for HAMS; holds contests where operators compete on the basis of, say, making the most long-distance contacts in 48 hours; trains emergency communicators for disasters; lobbies to protect amateur radio's spectrum allocation, and more.

Sterling Mann (NOSSC) is advocating that HAM radio shift away from a focus on person-to-person contacts.

It's a click bait title, Mann admits: His blog post focuses on the challenge of balancing support for the dominant, graying HAM population while pulling in younger people too. "The target demographic of every single amateur radio show, podcast, club, media outlet, society, magazine, live stream, or otherwise, is not young people," he wrote. To capture the interest of young people, he urges that radio give up its century-long focus on person-to-person contacts in favor of activities where human to machine, or machine to machine, communication is the focus.

These differing interests are manifesting in something of an analog-to-digital technological divide. As [Sectru reported in July 2019](#), one of the key debates in HAM radio is its main function in the future: Is it a social hobby? Or a utility to deliver data traffic? And who gets to decide?

Those questions have no definitive or immediate answers, but they cut to the core of the future of HAM radio. Loring Kutchins, president of the [Amateur Radio Safety Foundation, Inc. \(ARSF\)](#)—which funds and guides the "global radio email" system Win link—says the divide between hobbyists and utilitarian's seems to come down to age.

As we enter the 'brave new world' of 2021, we have new possibilities to get young people involved in HAM radio: With FT8, Network radio, DMR, ISS, Satellite, microwave, Internet, SDR, etc. Teach them to get involved in community and emergencies and give them self-esteem. We amateurs need to show them there's more in life than video games and cell phones.

So in conclusion, I say to you all, in 2021 ' promote the hobby, let's make FD2021 bigger and better, let's do more with on line HAM fest type activities, let's upgrade the milk house to more advanced technological friendly equipment and maybe give the place a face lift.

Have a safe and happy new year,

Jim Matlack-KC3MKP

DLARC-President

JANUARY MEETING MINUTES

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on December 3, 2020 via a Zoom video-conference.

President Jim Matlack / KC3MKP called the meeting to order at 7:06 p.m. with 33 members online.

President's Report: Jim opened the meeting announcing Walt Tremer / KC3MNP has stepped up to be the Program Chair for 2021. Walt said that the majority of the programs presented at the General Meetings are amateur radio related but he has ideas for a few programs of other interesting topics. Walt said he would be emailing various members to get their input.

Jim asked for the results of the WX3MAS Christmas City special event. Stephanie WX3K and Steve / NS3I provided a summary of the logs. Stephanie said a number of operators worked both at the Milkhouse and from their home QTH. Steve said 5 members operated—NS3I; AB3TY; K3ABE; KC3OJA; KE3AW. Larry / AB3TY said a comprehensive list on the website on the navigation bar by clicking on WX3MAS Results. Bob KE3AW asked if operating the event over the 4 days was beneficial. Steve said the contacts were spread over the 4 days.

Jim said he has written a letter that he will send to new members. It will be personalized, It welcomes them to the Club and encourages them to become involved in Club activities, explains out mentor program and offers help to get them on the air.

Jim said the Survey is up on the website and asked those on the meeting to take the survey

Announcements: None

Secretary's Report: Larry / AB3TY, announced the Minutes for the December 2020 General Meeting. Dean / AB3BD motioned to accept. It was seconded by Steve / W3NAM and so moved.

Treasurer's Report: Prior to Larry / KC3JTK reporting on the Club's financial status for November 2020, the Board approved the report with Larry / AB3TY motioning to accept the report as written. It was seconded by Dean / AB3BD and so moved. Larry / KC3JTK then presented the November 2020. Pete / NL7XM motioned to accept. It was seconded by Steve / W3NAM and so moved. Steve / NS3L said Larry / AB3TY should amend the December 2020 Board meeting minutes to reflect the adoption of the Treasurer's report. Larry / AB3TY said the changes will be made.

Pete / NL7XM said one of the member payment listed was attributed to him, that he had made the payment for Paul Schlueter / KB3LIC. Larry / KC3JTK said he would make the change. Pete / NL7XM motioned to accept. It was seconded by Steve / W3NAM and so moved.

Pete asked the Treasurer if he had filed the 2020 taxes for the Club. Larry replied that he had not as he did not have the final bank statement for 2020. Pete explained that the filing was actually an estimate pointing out, if income was under \$50,000, it was a formality. He added the former treasurer Mike / KB3LOD could guide him through the procedure. Pete emphasized the Club is not only a 501(3c) but also a charitable entity, that the tax filing must be on time so not put the charitable designation in jeopardy.

Committee Reports:

Membership: Membership Chair Terry / KC3JHT said there were no new members. For 2021, there are 90 voting members, 9 lifetime members and 1 associate for a total of 100.

Club Station: Steve / NS3L said there were not pressing issues but the controller for the beam is not operating properly, that George / N3SQD has been notified. Steve said he was purchasing cables to operate 2 of the Club Station radios

Tech Committee: AL / W3CE had nothing to report. President Jim asked AL if he recalled a project about a balloon launch. AL said approximately 10 years ago, the club purchased 2 balloon envelopes but the committee dissolved. AL said due to the number of years since the purchase, the balloons most likely have deteriorated in long term storage. AL said he would research the balloon project in the archived newsletters.

Website: Larry / AB3TY reported no issues. Larry said he has configured a Donate button on the website.

Repeater: No issues reported. Steve / NS3L asked if the problem with the voter receivers had been resolved. AL said Barry / N3NVA was taking care of the problem.

New Business: Jim announced Adam / KC3OJA has assumed the open director position on the Board.

Adjournment: There being no further business, the meeting was adjourned at 7:45 p.m.

Program: Stephanie / WX3K—"Homebrew Night-Hands on Experience"

FEBRUARY CONTESTING AT THE OK CORRAL

- February 6 & 7 – 10 10 Int, Winter Contest – SSB
- EurAsia HF Championship
- February 13 & 14 – CQ WW RTTY WPX Contest
- Dutch PACC Contest
- February 20 & 21 – Russian PSK WW Contest
- ARRL Inter. DX Contest – CW
- February 27 & 28 – CQ 160-Meter Contest – SSB
- REF Contest – SSB

FEBRUARY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Black History Month Begins	2 Ground Hog Day	3 DLARC Net (N3WR)	4 DLARC MEETING 7:30 PM	5	6
7	8	9	10 DLARC Net (K3PDL)	11	12 Lunar New Year	13
14 Valentines Day	15	16 Mardi Gras	17 DLARC Net (KC3MKP)	18	19	20
21		23 DLARC BOARD MEETING	24 DLARC Net (W3CE)	25	26	27
28						

W3OK CLUB STATION

Better known as the "Milkhouse" the W3OK Station is closed until further notice.. Our repeater 146,700 is always on ... So just call W3OK and check.

de Steve / NS3L

MEETING PROGRAM CHAIRMAN

The DLARC has a new program chairman. Welcome Walt / KC3MNP to the position Help him by volunteering to present a program or even suggesting a future program, will assist him lining up future programs. Programs though nice, don 't have to be Amateur Radio related, just of interest to the membership.

WEDNESDAY EVENING DINNER CLUB

The Wednesday Evening Dinner Club is on hold until further notice due to the COVID-19 Pandemic. Listen to the nets and watch the Forum for the latest information on our get together.

PA QSO PARTY RESULTS – 2020

The DLARC came in 10th in the PA Based Club Category, with 4 entries. and score of 59,996..

WEDNESDAY NIGHT NETS

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

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

JANUARY BRAINTEASER ANSWER

There are two "THE"s in the statement

The winner is Doreen / K3PDL



FEBRUARY BRAINTEASER

There is only one time in your life when you're twice as old as your child. When is that?

Delaware-Lehigh Amateur Radio Club

Chapter 2

The First Decade, 1946-1955

DLARC was founded in 1946 by 7 young hams. They were soon joined by a small but dedicated group who moved the club into service activities that culminated with the vital role assumed by club members during the great flood of 1955. Unfortunately, no meeting minutes or other records survive from this decade, so we have to rely on newspaper clippings and other media reports to chronicle the club's history. This undoubtedly has left many gaps.

Some of the leaders (the club was all male until at least 1956) who joined during this decade were:

Edwin D. (Ed) Hartman (W3OK), 1904-1958, was a radio and electronics teacher at Bethlehem High School. In 1940 he was a radio aide of the 3rd Corps Area of the Army Amateur Radio System, and coordinated the Bethlehem Civil Defense program during World War II. Ed was a DLARC president and his call was transferred to the club station after his death.

Gordon H. Jacoby (W3PQX), 1921-2005, remained an active ham until his death. A member of the Quarter Century Wireless Association, he was DLARC President in 1951. Gordon retired to Alabama, where he died.

Douglas A. Morick (W3NNT), 1918-2008, was a licensed ham for 60 years. As DLARC President in 1954-1956 and an Emergency Coordinator, he helped guide club efforts during Hurricane Hazel in 1954 and Diane in 1955. Doug worked for Western Electric for 40 years, retiring to Florida in 1982.

Clarence Snyder (W3PYF), 1920-2005, was first licensed in 1947 and remained an active club member his entire life. He was club president in 1952, 1989, and 1990, served as newsletter editor, and was Northampton County radio officer. Clarence was an ARRL member for more than 50 years. His son Mel (who was licensed in 1957) took over Clarence's call after his death.

ARRL Membership

One of the first significant milestones in club history occurred in 1948 when DLARC affiliated with the American Radio Relay League.

Field Day

Field Day was an important yearly activity. There is an early photo (perhaps taken in 1948 or 1949 by Clarence Snyder) of club members sharing their operating tent with cows. The 1950 Field Day was held at Montana Mountain in New Jersey. A Snyder video from 1951 is available on YouTube: <http://www.youtube.com/watch?v=haSYVvkzVWvY>. The club used Hartman's W3OK/3 call for the event.

In 1952, Field Day was held on Chestnut Hill on Rt. 115 north of Easton. Eleven operators made 422 contacts with 30 states. With permission from Bethlehem City Council, the club operated from the club station at Sell Field in 1954 and 1955. The 582 contacts made in 1955 placed the club seventh best in the nation in their class.

Programs and Social Activities

Two club programs with distinguished speakers highlighted 1951. George Hart, the ARRL national emergency coordinator (and the brother of founder Edward Hart Jr.) explained the operations of the Radio Amateur Civil Emergency Service, its cooperation with the Federal Civil Defense Administrations and the Federal Communications Commission. Philip S. Rand, of the Laboratory of Advanced Research of Remington-Rand Company in Connecticut, presented an illustrated lecture about amateur radio techniques. Although both of these programs were held at the Bethlehem Red Cross headquarters, the club also held meetings in at 3rd and Ferry Streets in Easton.

In an effort to publicize amateur radio, DLARC presented a hobby exhibit at the 1952 Sportmen's Show in Easton. In 1953, the club began holding annual dinners, an event that included wives.

Emergency Services

A main focus of the club was public service. In 1950 Snyder was appointed acting emergency coordinator for amateur radio in Northampton County, and DLARC agreed to aid the Red Cross in disaster operations. Eighteen hams, led by Snyder and Edward Hart Jr., who was Warren County, NJ, coordinator, conducted an emergency test in October.

In 1953, DLARC played an important role in the state's largest air raid alert. Northampton County relied on the club to keep civil defense units in contact with each other during an "attack" on Philadelphia. The club headquarters at Sell Field in Bethlehem served as "field control center". Boy and Girl Scouts served as "victims" who were rescued and transported to safety. During the 15 minute raid, all traffic – pedestrian and vehicular – was halted by air raid wardens, emergency firemen and welfare workers and motorists were required to abandon their cars and walk to the nearest air raid shelter. Again in 1954, the club coordinated civil defense communications for a mock atomic attack on Bethlehem Steel.

Diane in the Delaware Valley

All of this practice paid off in 1954 and 1955, when the area faced two real emergencies. In 1954, emergency radio operations were activated for Hurricane Hazel, but the true test came in August, 1955, when Hurricane Diane caused the worst flooding on record, knocking out 150 rail and road bridges and breaching 30 dams in eastern Pennsylvania.

Although we cannot be certain, it seems likely that almost every DLARC member was involved in the club's disaster response. Douglas Morick, SEC of Eastern Pennsylvania, and Nelson Crandell (W3ZOM) were helicoptered by the Army to Milford, PA, where they operated a portable transmitter that **Crandell built**. After stringing antennas in the dark, they were able to make contact with Clarence Snyder, Gordon Jacoby, and Edwin Hartman, ending the borough's isolation. They operated for seven days until a caravan of vehicles was finally able to reach the town.

In Bethlehem, hams operated from the third floor of the Red Cross building on Market Street. Ernest Smodish manned a radio for 32 straight hours. Gordon Jacoby recalled that the hams had to handle police emergency traffic.

In Easton, SCM Snyder set up headquarters at the Northampton County Court House. Operators were stationed at the municipal building, hospitals, toll bridges, fire stations, etc. to provide communications. Lew Papp operated a control station from his home on North Delaware Drive until flood waters forced him to flee his station. By staying at his post, he lost all of his equipment, and he only escaped by scaling a steep wooded embankment, no easy feat for a man who was blind.

On the Jersey side of the river, Jack Smith operated out of the Warren County Civil Defense Headquarters, while Warren County Radio Officer Hart maintained a link with Snyder. All phone connections between Easton and Phillipsburg had been severed when the bridge that connected the towns was washed away.

To assist outlying areas, club members with mobile units were dispatched to outlying areas. For example, Edwin Hartman made his way downstream to Raubsville. Many remained at their posts for three or four (or more) days until phone lines could be repaired.

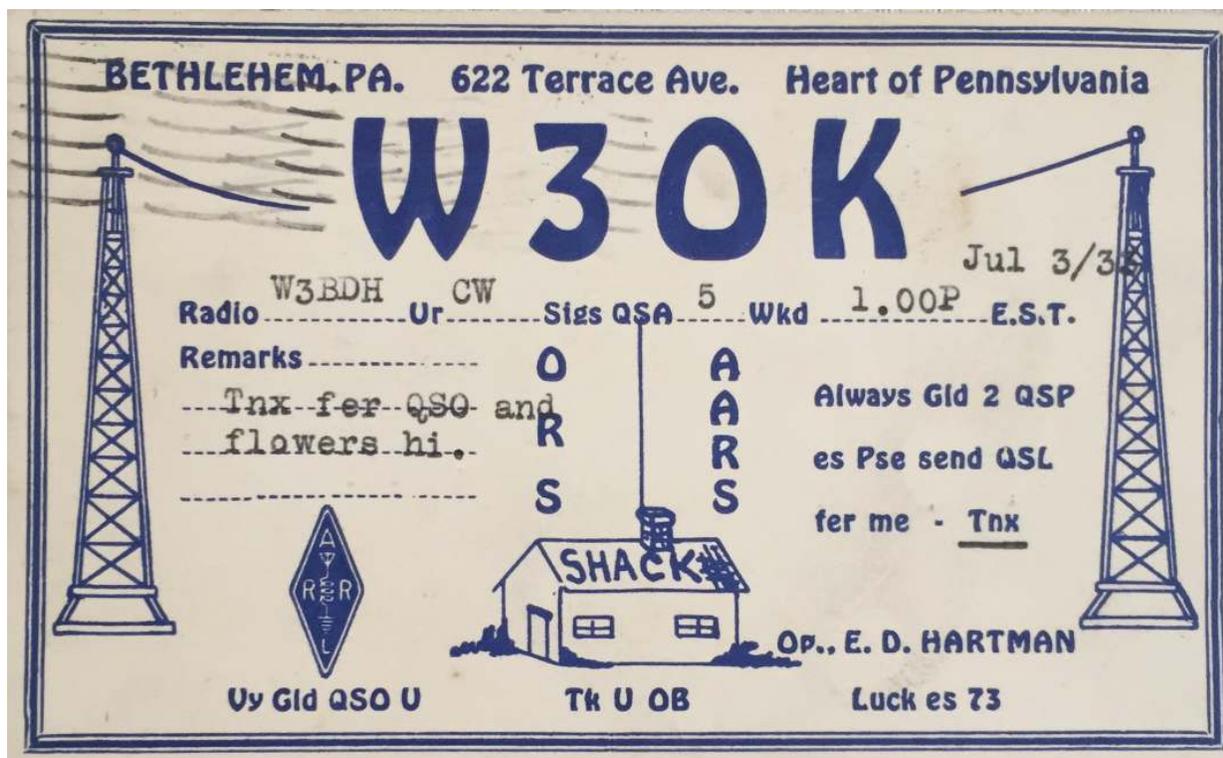
As DLARC's first decade came to a close, our dedicated club members had demonstrated the value of trained operators in an emergency and gained the respect of government officials. Our small club made a big impact.



Sell Field control station during Hurricane Hazel, October 1954 (President Morick standing on the right). Note: They are using Gordon Jacoby's W3PQX/3 call, and the warning sign that "It is unlawful for unlicensed persons to operate this equipment!"



The second Annual DLARC Dinner, 1954. President Morick hands out an award.



Edwin Hartman's W3OK QSL card from 1933

JANUARY MEETING PROGRAM

“ Getting Ready to Homebrew – Mini Talk “

Stephanie / WX3K

Homebrewing it is a subject which Stephanie enjoys doing, and telling you about it. She has been doing just this for many years, and finds it an enjoyable practice.

Homebrewing is a trial and error experience which as you do more, while still a challenge, becomes much easier.

Stephanie related just how much fun it was for her, and hopes, that if you follow her talk, with homebrewing of your own. Kits are available with different levels of skill needed or if you're able to can design and build your own equipment. There are beginners and advanced kits, some with programming required and some without. It all depends on your skill level

Another way to judge, is it a software or a hardware kit. Software kits which include logging programs and control programs. Hardware programs include custom antenna for example is a Yagi, and custom interfaces.

Did you homebrewing should have available test equipment, tools and the necessary supplies. Technology has lowered the price of test equipment, for example, you can pick up a 10 kHz network analyzer for about \$100. In this piece of equipment is something every shack should have, or be able to borrow. Antenna bridges another tool that is good to have on hand. Arduino driven analyzers have been developed also.

Under tools, every shack should have a dummy load and various soldering stations, the 20 W pencil type in the standard Weller professional. A digital voltmeter and of course lots of spare parts. Parts are available on the Internet from multiple sites.

Kits kits are available from Elecraft, MSJ Enterprises, QRP and eBay. Ideas can come from your personal need and the desire to build your own equipment. The AARL handbook is another of designs and with them are included in this the necessary parts, which is also a Greenville.

Stephanie finished with photographs of some of her homebrew projects and then answered questions from the group. This was a good introduction to to the fun and enjoyment and then sometimes frustration part of amateur radio.

Thank you Stephanie.

BOARD OF DIRECTORS NOTICE

Adam / KC3OJA has stepped forward to fill the remaining position on the Board of Directors.

IMPORTANT NOTICE

Please check the web page roster listing. It is important that your telephone number and email address are correct. This is the only way we can contact members. If you do not receive the newsletter in your email and are registered for the phone tree and do receive the notices by phone, your email address is incorrect on the roster, and the same for your telephone number.

FCC REDUCES PROPOSED AMATEUR RADIO APPLICATION FEE TO \$35

The FCC has agreed with ARRL and other commenters that its proposed \$50 fee for certain amateur radio applications was “too high to account for the minimal staff involvement in these applications.” In a Report and Order (R&O), released on December 29, the FCC scaled back to \$35 the fee for a new license application, a special temporary authority (STA) request, a rule waiver request, a license renewal application, and a vanity call sign application. All fees are per application. There will be no fee for administrative updates, such as a change of mailing or email address.

This fall, ARRL filed comments in firm opposition to the FCC proposal to impose a \$50 fee on amateur radio license and application fees and urged its members to follow suit.

As the FCC noted in its R&O, although some commenters supported the proposed \$50 fee as reasonable and fair, “ARRL and many individual commenters argued that there was no cost-based justification for application fees in the Amateur Radio Service.” The fee proposal was contained in a Notice of Proposed Rulemaking (NPRM) in MD Docket 20-270, which was adopted to implement portions of the “Repack Airwaves Yielding Better Access for Users of Modern Services Act” of 2018 — the so-called “Ray Baum’s Act.”

“After reviewing the record, including the extensive comments filed by amateur radio licensees and based on our revised analysis of the cost of processing mostly automated processes discussed in our methodology section, we adopt a \$35 application fee, a lower application fee than the Commission proposed in the NPRM for personal licenses, in recognition of the fact that the application process is mostly automated,” the FCC said in the R&O. “We adopt the proposal from the NPRM to assess no additional application fee for minor modifications or administrative updates, which also are highly automated.”

The FCC said it received more than 197,000 personal license applications in 2019, which includes not only ham radio license applications but commercial radio operator licenses and General Mobile Radio Service (GMRS) licenses.

The FCC turned away the arguments of some commenters that the FCC should exempt amateur radio licensees. The FCC stated that it has no authority to create an exemption “where none presently exists.”

The FCC also disagreed with those who argued that amateur radio licensees should be exempt from fees because of their public service contribution during emergencies and disasters.

“We are very much aware of these laudable and important services amateur radio licensees provide to the American public,” the FCC said, but noted that specific exemptions provided under Section 8 of the so-called “Ray Baum’s Act” requiring the FCC to assess the fees do not apply to amateur radio personal licenses. “Emergency communications, for example, are voluntary and are not required by our rules,” the FCC noted. “As we have noted previously, ‘While the value of the amateur service to the public as a voluntary noncommercial communications service, particularly with respect to providing emergency communications, is one of the underlying principles of the amateur service, the amateur service is not an emergency radio service.’”

The Act requires that the FCC switch from a Congressionally-mandated fee structure to a cost-based system of assessment. The FCC proposed application fees for a broad range of services that use the FCC’s Universal Licensing System (ULS), including the Amateur Radio Service, which had been excluded previously. The 2018 statute excludes the Amateur Service from annual regulatory fees, but not from application fees.

“While the Ray Baum’s Act amended Section 9 and retained the regulatory fee exemption for amateur radio station licensees, Congress did not include a comparable exemption among the amendments it made to Section 8 of the Act,” the FCC R&O explained.

The effective date of the fee schedule has not been established, but it will be announced at least 30 days in advance. The FCC has directed the Office of Managing Director, in consultation with relevant offices and bureaus, to draft a notice for publication in the Federal Register announcing when rule change(s) will become effective, “once the relevant databases, guides, and internal procedures have been updated.”

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.

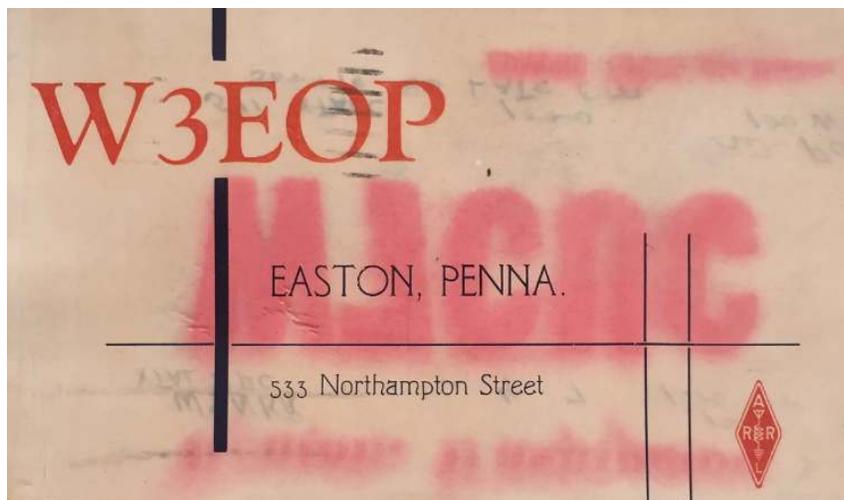
Joining the list is easy, just go to this website :<http://mailman.qth/mailman/listinfo/dlarcforum> and fill in the appropriate boxes. Instructions for the subscription process are available on the page. If you don’t have internet service, but do have email service you can still subscribe by sending 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 your disposal. Anything you want to know, all you have to do is ask! de [Don / KA3JWE List Administrator](#)

REFLECTIONS FROM THE PAST



**Former Members and Founders of the DLARC, QSL Cards
Van Van Horn / K3CP & Charles Thon / W3EOP**



**"OK, LAST NIGHT YOU WASHED DISHES,
TODAY YOU ARE FOLDING LAUNDRY.
JUST HOW MANY RADIOS DID YOU BUY?"**

FYI

The March Meeting Program to TBA

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 2020– 2021
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**PHONE NUMBERS FOR THE EXECUTIVE COMMITTEE OF THE DLARC
CAN BE FOUND ON THE WEBSITE / MEMBERSHIP LISTING
CLUB MEETINGS**

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

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

THE W3OK TRUSTEE --- Barry Vogt / N3NVA

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