

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
MARCH 2021



W3OK

CORRAL

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

MARCH PROGRAM

“HRD Software”

Tim / KB3NPH

DLARC HISTORY REMEMBERED



**Larry and Lamar Hildenbrandt stand Guard while Al Wiemann Operates
during Field Day at Hackett's Park probability 1969**

REMEMBER TO USE WHEN BUYING AT AMAZON



FEBRUARY MEETING MINUTES

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on February 4, 2021 via a Zoom video-conference. President Jim Matlack / KC3MKP called the meeting to order at 7:06 p.m. with 36 members online.

President's Report: Jim opened the meeting announcing Walt Tremer / KC3MNP, Program Chair has asked for a two months leave of absence. Walt intended to present his program for tonight's meeting, but a medical issue prevented him from doing so. Jim said he tried to find a replacement, but with short notice, he was not able.

Announcements: None

Guests: Octavio Arizala / KM6TOB—Octavio is a transplant from California. His XYL's grandfather, Gordon Jacoby was the DLARC President in 1951 as pointed out by DLARC Historian Barbara / W3ATC
Scott Moser / N3PVA—Scott had met a few members at last Field Day held at the Milford Fire Company. Scott has been a Ham for 30 years and has recently become re-involved with the hobby. His interests include repair and maintenance of tube equipment.
Don Gardner / KC3RDV—Don just received his Tech ticket and plans on taking the General test shortly. Don has been involved with the Belvidere and Delaware River Railroad out of Phillipsburg, NJ.

Secretary's Report: Larry / AB3TY, announced the Minutes for the January General Meeting. Dean / AB3BD motioned to accept. It was seconded by AL / W3CE and so moved.

Treasurer's Report: Larry / KC3JTK reported on the Club's financial status for December 2020. Steve / W3NAM motioned to accept. It was seconded by Dean / AB3BD and so moved.

Committee Reports:

Classes: Bob / KE3AW said he has had inquiries for club classes but until things settled down concerning Covid-19, classes will continue to be suspended. The county complex continues to be closed until further notice.

Membership: No Report

Club Station: Steve / NS3L said there were two items which he has notified the Tech Committee—the rotator controller and the amp was not keying. AL / W3CE said that George / N3SQD was aware of the controller problem and would make an assessment when the weather is more favorable. AL said he made a new cable for the Kenwood 590 to the amp. AL said Kenwood menu for keying the amp had been disabled and he has now reset that for proper operation. Steve added the 4 radios are connected. When the Milkhouse can again be open, Steve stressed with the controller issue, the beam is pointing 285 degrees west and should not be moved. Steve asked that if a member does operate from the Milkhouse to please disconnect the antenna from the wall-mounted header. Steve added that he made a few tweaks to the security system and it is now optimally functioning.

Tech Committee: AL / W3CE said the D-Star repeaters were not connected to reflector-20 and he has reset them. Also, the Gateway computer for the D-Star also had to be reset. All now is working properly.

Website: Larry / AB3TY reported on January 7, 2021 there was an intrusion on the website. Subsequently, he has installed a security program that will prevent further issues. Larry pointed out DLARC has DMR channel 3200 on the TGIF Network and would like to see greater utilization by members.

Repeater: No issues reported.

New Business: None.

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

Program: No program presented.

MARCH CONTESTING AT THE OK CORRAL

- March 6 & 7 – ARRL International DX Contest – SSB
- Open Ukraine RTTY Championship
- March 13 & 14 – SARL VHF/UHF Analogue Contest
- Tesla memorial HF CW Contest
- March 20 & 21 – Russian DX Contest
- AGCW VHF/UHF Contest
- March 27 & 28 – CQ WW WPX Contest – SSB

MARCH QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 DLARC Net (N3WR)	4 DLARC MEETING 7:30 PM	5	6
7	8	9	10 DLARC Net (K3PDL)	11	12	13
14 Day Light Savings Begins	15	16	17 DLARC Net (KC3MKP)	18	19	20 First Day of Spring
21	22 DLARC BOARD MEETING	23	24 DLARC Net (W3CE)	25	26	27 Passover Begins
28 Palm Sunday	29	30	31 DLARC Net (KC3II)			

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

When your child reaches the age you were when he or she was born, you'll stay "twice as old" until your next birthday.

The winner is Paddy / AJ3B



MARCH BRAINTEASER

You leave home and go to your right. You reach a corner and turn left. You reach another corner and turn left again. You reach another corner and turn left again and go home. When you get there, there is a person with a mask there waiting for you.

What's happening?

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.

DLARC ARCHIVES

Thank you to Conrad W3ZMN and Alice AA3UO Clark for the donation of club records to the DLARC Archives. Among the material was the club's 15 page FCC repeater application in 1973; the 1976 cookbook of recipes from the Pot Luck Dinner held to celebrate DLARC's move to the Greystone Building, and 1970s profiles of club members and photos of them in their ham shacks. Connie and Alice also shared memories and reminiscences about club events in the 1970s.

We are always happy to acquire DLARC related material and photos for the club archives, which are located at the club station in the Milk House near Gracedale. Items can be photocopied or digitized for our archives if you wish to keep originals. Contact Barb Wiemann W3ATC, 610-262-6977 or blwiemann@gmail.com.

Delaware-Lehigh Amateur Radio Club History

Chapter 3

The Second Decade, 1956-1965

DLARC's first ten years were marked by growth and service to the community, culminating in the club's all out effort during Hurricane Diane. The next ten years would see new members, new activities, and the acquisition of a permanent call sign for the club station. Again, unfortunately, no meeting minutes or financial records have survived from this period, so we have to rely mostly on newspaper clippings and other media reports to chronicle the club history. Undoubtedly, there are many gaps in our story.

Some of the notable members during this decade:

Benjamin C. Hiatt (W3FKE), 1909-1978, was DLARC President in 1959. Hiatt graduated from Haverford College and was employed by Thomas A. Edison, Inc. before moving to Bethlehem. At Western Electric, he was an engineer, acquiring several patents, including one for a traveling wave mixer for satellite communications. In retirement, Benjamin moved to the Jersey shore, where he drowned in 1978.

Elaine Kelley (W3GEU), 1933-2014, was DLARC's first female member, active during the latter 1950s and early 1960s. An Easton resident who worked for Bell Telephone, Elaine earned her General ticket in 1956. She participated in Field Days, served as net control for Civil Defense nets, and handled traffic messages (especially for GIs). She aided handicapped hams, teaching radio theory and then setting up their stations. Elaine was a visible ham; the Morning Call ran a photo of her sitting in her white convertible, one hand on the steering wheel and the other using the code key on her mobile rig. Elaine married Harry Marshall and died in Florida in 2014; she maintained her Advance license until 2012.

Paul F. Remely (W3JNC), 1916-1973, a noted Bethlehem artist, was President of DLARC in 1960. In 1962 he helped build a portable amateur TV station that was used at Field Day. Paul was a founder of the Palette Club in 1947 and headed the Bethlehem Fine Arts Commission.

Robert R. (Bob) Rothrock (K3MAZ), 1921-1987, a Bethlehem native, was an Army veteran of World War II and a welder at Bethlehem Steel for 34 years. Licensed in 1958, he joined DLARC that same year. Bob served as Treasurer for nine years, Trustee of W3OK (his home address was used as the club station address), and President in 1965. According to a biographical sketch, he also served as club Secretary and Vice President. In recognition of his many efforts in getting the club repeater on the air, Bob was named "Official FM Chairman".

Bylaws, Incorporation, and Club Call

The earliest bylaws that have survived are dated July 1956. Meetings were held on alternate Thursdays. If a member missed eight consecutive meetings, they could be dropped from membership, which was limited to 60. Regular members had to hold a license other than Novice. Associate members held a Novice or no license; they had to upgrade or get a license within one year or they could be dropped from membership.

Although DLARC was founded in 1946, the club was not incorporated until 1957. Attorney Bernard Goodman (father of William Goodman, K3ANS), handled the paperwork pro bono. In 1960, DLARC obtained tax exempt status from the Internal Revenue Service.

In the summer of 1958, after Ed Hartman's death in April, the W3OK call was transferred to DLARC. Before this transfer, DLARC held no call of its own, using club members' calls during emergencies and Field Day.

Membership

To become a member, someone had to attend at least two of the previous four meetings before submitting an application, find a sponsoring member, pay an initiation fee (\$1) and the first quarter dues (\$1), have their name read at two meetings, undergo an investigation by the Membership Committee, and finally be approved by the Board of Directors. Dues were \$4 per year, collected in quarterly installments. The earliest membership records date from the last quarter of 1963. 33 hams paid dues that quarter. Only 17 of the 1963 members were still on the roll two years later. Membership dropped to 25 by the close of 1964, and 24 at the end of 1965.

Field Day

After a decade of experience, club members developed a Field Day operating system to maximize results. Each transmitter had a team of two operators and a logger assigned for four hour shifts, with six shifts covering the 24 hours. Expectations for a record number of contacts in 1956 were dashed when a driving downpour flooded the transmitter area of Sell Field in three inches of water, knocking the club off the air for three hours. Final tally was 512 stations worked. Field Day in 1960 was held on South Mountain, where club members used their own rigs for the event, but also tested CD equipment in communications vans from Bethlehem and Northampton County Civil Defense. By the end of the decade, Field Day results were impressive. In 1964 DLARC placed 11th in the nation. In 1965, operating from the "Old Indian Burial Ground" northwest of Nazareth, the club logged almost 1000 contacts.

Programs and Social Activities

Club meetings, using sites in Bethlehem and Easton, combined business and education. A popular program was a transmitter hunt. In 1958, Joseph Welsh from the FCC came to speak and conduct exams for 25 registered applicants.

In 1959 the club sponsored its first award for which we have a record - the Edwin D. Hartman W3OK Memorial Award, to be presented to the Boy Scout attaining the highest Pennsylvania score in the annual Boys Life Amateur Radio contest. The winner, Ken Proud, K3AXH, from Montgomery County, received \$25 in radio equipment.

DLARC and the Lehigh Valley ARC cooperated in annual events. In 1960 the event was a picnic at Hess-Lehigh Farms. In 1961, the event was a "hamfest" at Flickinger's Grove in Saucon Park. 57 hams and their families attended, enjoying entertainment and family games. For the amateurs, the highlight was a transmitter hunt; the winning pair, Elaine Kelley and Jack Sobota, K3CDL, received a plaque.

In 1963, there is the first record of novice classes for prospective hams. Bob Rothrock and Larry Hildenbrandt, K3TSO, offered free code and theory training at the Northampton County Civil Defense building in Easton.

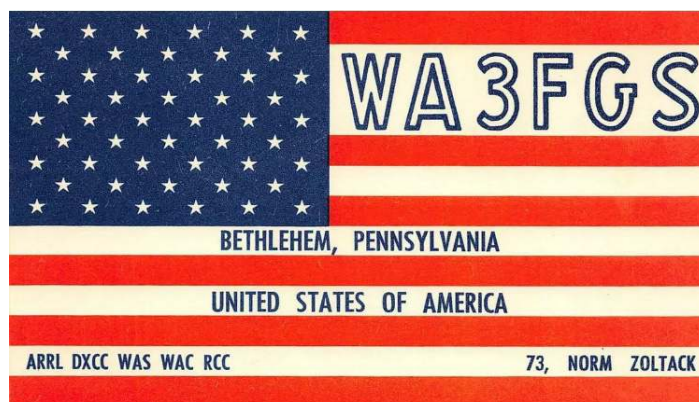
Emergency Service

Civil Defense drills, using the Sell Field control center for the state amateur radio system, continued to be an important aspect of club operations. In 1956, discussion at one club meeting focused on expanding to seven frequencies, rather than one frequency that was then in use. The next year, the club installed \$4,000 worth of new Civil Defense radio equipment.

In 1962, two club members, Paul Remely and William Earnest, W2JOP, built a portable TV station in a Jeep station wagon. Although this was not the first amateur TV station, it was the first portable one on the East Coast. When operating, 20 foot antennas on the roof provided a range of 50-60 miles. The station was designed for RACES operations, and debuted at Field Day, where Paul and William made a contact with a Philadelphia amateur TV station.



ARRL Public Service Award certificate awarded to Alice Clark WA3SWU after Hurricane Agnes in 1972. Note that the certificate is signed by ARRL Communications Manager George Hart, the brother on Ed Hart, one of DLARC's founders.



Norm Zoltack (K3NZ) Original QSL Card



THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

BETHLEHEM, PENNA.

VOLUME IV NUMBER 5 MAY 1975

EDITORS: W3BCA & WA3EUG
VHF EDITOR: K3YWY

SPECIAL PUBLICATIONS: WA3FGS
TECHNICAL EDITOR: W3SAP
PUBLICATION AND CIRCULATION MANAGER: WA3HDP

***** MEETING NOTICE *****

A regular meeting of the DLARC will be held on Thursday, May 1 at the new club site located at the Northampton County Alternate E.O.C., at the Gracedale Complex near Nazareth. The starting time will be 1930 hours EDST. W3BCA will present a review of last year's Field Day activities which will be followed by a planning session on this year's edition.

BANQUET

A jolly group of club members, wives and friends gathered in Hellertown for the Annual DLARC Banquet on April 5th. The magician pulled off a terrific trick. He disappeared before appearing. We are sorry to say that he was not able to appear due to a sudden illness.

The group provided their own entertainment by eating, visiting and talking. Some of us met John (W3AMC), Ed (W3BNR) and Ed's wife Sally for the first time. Glad they traveled the long distance to spend the evening with us.

We also found out that Arnie (W2OAF & K3INV) really exists and is well and living near Kintnersville. Incidentally, Arnie and Johnny (W3IDD) met again after approximately 30 years. They last met when Johnny was an electronics instructor in the Navy and Arnie was a student. They were reunited through a recent QSO on WR3AAB.

SIGNALS AND NOISE

Marge (WA3Fpp) has recently been heard on the Sunday morning Eastern PA RACES Net.

Kay (K3IEH) recently completed a Heath TV kit that works great. She is currently shopping the catalog for her next project.

Al (WA3CXM) is active in backpacking these days and is hiking the Appalachian Trail.

Bob (K3MAZ) and Russ (WA3SJR) both have built the Heathkit digital thermometers and find them very handy devices.

The first page of the May 1975 Delaware-Lehigh Amateur Radio Club News, the oldest issue in our club archives. Editors were Marv Wagner W3BCA and Bill Marinelli WA3EUG. The return address was the home of Bob Rothrock W3MAZ. The issue is labeled vol. 4, no. 5, indicating that the likely first issue was January 1972.



DAYLIGHT SAVINGS TIME

Daylight saving time (DST)—also **summer time** in several countries including in British English and European official terminology is the practice of temporarily advancing clocks during the summertime so that evenings have more daylight and mornings have less. Typically clocks are adjusted forward one hour near the start of spring and are adjusted backward in autumn. Modern DST was first proposed in 1895 by George Vernon Hudson and it was first implemented during the First World War. Many countries have used it at various times since then; Details vary by locations.

The practice has been both praised and criticized. Adding daylight to evenings benefits retailing, sports, and other activities that exploit sunlight after working hours, but can cause problems for evening entertainment and other occupations tied to the sun. Start of spring and are adjusted backward in autumn.

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The practice has been both praised and criticized. Adding daylight to evenings benefits retailing, sports, and other activities that exploit sunlight after working hours, but can cause problems for evening entertainment and other occupations tied to the sun. Its effect on health and crime is less clear. Although an early goal of DST was to reduce evening usage of [incandescent lighting](#), formerly a primary use of electricity, Modern heating and cooling usage patterns differ greatly, and research about how DST currently affects energy use is limited or contradictory

DST clock shifts present other challenges. They complicate timekeeping, and can disrupt meetings, travel, billing, recordkeeping, medical devices, heavy equipment, and sleep patterns. Software can often adjust computer clocks automatically, but this can be limited and error-prone, particularly when DST protocols are changed.

So now having read this brief history, do not forget to turn your clocks ahead one hour on March 14

A Guide to Setting Your Clocks Forward



SMARTPHONE

Leave it alone. It does it all by itself using unknown magical sorcery.



SUN DIAL

Move one house to the right.



OVEN CLOCK

You'll need a masters degree in electrical engineering or a hammer.



CAR CLOCK

Not worth it.
Wait 6 months.

**FOR ST. PATRICK'S DAY
IRISH LUCK**

His name was Fleming, and he was a poor Scottish farmer. One day, while trying to make a living for his family, he heard a cry for help coming from a nearby bog. He dropped his tools and ran to the bog. There, mired to his waist in black muck, was a terrified boy, screaming and struggling to free himself. Farmer Fleming saved the lad from what could have been a slow and terrifying death. The next day, a fancy carriage pulled up to the Scotsman's sparse surroundings. An elegantly dressed nobleman stepped out and introduced himself as the father of the boy Farmer Fleming had saved.

'I want to repay you,' said the nobleman. 'You saved my son's life.'
'No, I can't accept payment for what I did,' the Scottish farmer replied waving off the offer. At that moment, the farmer's own son came to the door of the family hovel. 'Is that your son?' the nobleman asked. Yes,' the farmer replied proudly.

'I'll make you a deal. Let me provide him with the level of education my own son will enjoy. If the lad is anything like his father, he'll no doubt grow to be a man we both will be proud of.' And that he did.

Farmer Fleming's son attended the very best schools and in time, graduated from St. Mary's Hospital Medical School in London, and went on to become known throughout the world as the noted Sir Alexander Fleming, the discoverer of Penicillin.

Years afterward, the same nobleman's son who was saved from the bog was stricken with pneumonia. What saved his life this time? Penicillin. The name of the nobleman? Lord Randolph Churchill .. His son's name? Sir Winston Churchill.

Someone once said: What goes around comes around.

Work like you don't need the money.

Love like you've never been hurt.

Dance like nobody's watching.

Sing like nobody's listening.

Live like it's Heaven on Earth.

It's National Friendship Week Send this to everyone you consider A FRIEND.

Pass this on, and brighten some ones day.

AN IRISH FRIENDSHIP WISH:

I hope it works...

May there always be work for your hands to do;

May your purse always hold a coin or two;

May the sun always shine on your windowpane;

May a rainbow be certain to follow each rain;

May the hand of a friend always be near you;

May God fill your heart with gladness to cheer you.

and may you be in heaven a half hour before the devil knows you're dead.

F.Y.I.

The April Program will be “

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
OFFICERS**

President – Jim Matlack / KC3MKP ----- president@dlarc.club
Vice President – Steve Harper / W3NAM ----- vicepresident@dlarc.club
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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

**The W3OK Corral is published monthly and is the Official Publication of the
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Nazareth, Pa. 18064-9211**

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