

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.

*MARCH 2022*

# W3OK CORRAL

*Club Meeting March 3, 7:30PM at the Nancy Run  
Firehouse. Hopefully there will be a Zoom set up  
so that Members not able to make the Meeting  
won't miss the program.*



## *FEBRUARY MEETING MINUTES*

Due to Covid issues, the General Meeting was held on ZOOM.

President Jim Matlack, KC3MKP called the meeting to order at 7:37p.m.

**President's Report:** Jim talked about the program scheduled for March's Meeting. The program would be better if it was presented in person instead of over Zoom. The program is on Interpretation and Misconceptions of VSWR which is SWR or Standing Wave Ratio. A discussion about this is further in the Minutes.

**Announcements:** None

**Guests:** None

**Secretary's Report:** John, N3IGA, asked if there was any additions or corrections to the Meeting Minutes as printed in the Newsletter last month. A motion to accept the Minutes from February was made by Dean, AB3BD and second by Adam, N3LAG and so moved.

**Treasurer's Report:** Larry, KC3JTK, presented the report for February. A motion by Dean, AB3BD to accept the report. Adam. N3LAG second the motion and so moved.

### **Committee Reports:**

**Membership:** Terry. KC3JHT, reported that there are 88 paid members, 1 associate member, and 9 life members to bring the total of 98 members. There was one new member, Charles Elliot, KC3TDQ, who was voted in by members present

**Club Station:** Adam reported that everything is looking good at the Club Station. He wants to pick a date sometime this Spring to clean out the barn.

**Tech Committee:** No report

**Website:** No Report

**Repeater:** No Report

**New Business:** There was a discussion on how to keep members and getting new members. One suggestion was having a Fox Hunt. Jim said that a lot of different clubs all are having the same problems due to the restrictions that Covid has presented. It was brought up that if the programs would start up again, that would bring members back and get new members. Programs on Zoom may not be as interesting as if in person. Another suggestion was big need to find a place to have classes and tests. There was talk about starting to have classes on Zoom. There is

still a need to find a place to do testing because you can't do that on Zoom. There will be future discussions on this in the future.

Jim talked about contacting George, N3SQD, to see if he has tried to contact the park for this year's Field Day. If he can't get the park again, then we can go back to the Fire House. Jim said that he doesn't think Stephanie will do Field Day again. If not, may have to look for a new Field Day Chairperson.

Anybody interested in do this, please contact a Board Member.

**Old Business:** John, N3IGA, gave the results of the PA QSO Party. His report is in printed in this Newsletter.

**Awards:** None

**Other information:** Jim asked the members present if they would like to have March's meeting back at the Fire House. Ed, AA3OU, informed us that the Fire House has lifted some restrictions. Masks are optional but members still can wear them if they want to. It was mentioned by Ken, KB3MDT, about why not have a hybrid meeting in which members could come if they went to or if they don't want to drive see the meeting live on Zoom. That way they will still see the program either way. There are still things that must be figured out before all this will work.

**Adjournment:** There being no further business, a motion to adjourn the meeting was made by Dean, AB3BD and seconded by Adam, N3LAG. The meeting was adjourned at 8:21p.m.

**Program:** None

## **FOR SALE**

Selling a Rig Expert AA 600 antenna analyzer. Comes with everything that came with it from new. The analyzer is in like new condition. I will also include two sets of Nickel Zinc rechargeable batteries and a charger. Nickel Metal Hydride batteries only charge up to 1.2 volts each. Nickel Zinc batteries are fully charged at 1.5 volts. This will increase the voltage range before the analyzer turns off because of low battery voltage. Do you have a fault in your coax somewhere between your shack and the antenna? The time domain reflectometer (TDR) on this analyzer will tell you exactly where the fault is. Price is \$400.

Phone, 610-91-8888 Please DO NOT CALL after 9 PM.

Barry G. Kery, KU3X

[bgkx33@ptd.net](mailto:bgkx33@ptd.net)

## ***MARCH MEETING PROGRAM***

Mark Hoffman, KC3BNV, will present the Interpretation and Misconceptions of VSWR, using mathematics. We all know that VSWR is simply called SWR or Standing Wave Ratio.

This presentation talks about how to calculate it mathematically, explain its meaning, and to dispel some misconceptions about it.

This looks like a very interesting program that should benefit our members and maybe help them with their equipment.

## **PA QSO Party 2021 Results**

The results are on the website for all categories. The following are the PA Station Certificate Winners: N3SQD – Single Op High Power SSB, N3IGA – Single Op QRP SSB, NS3L – Multi Op High Power, W3OK – Multi Op Low Power, and N3WR – Single Op Low Power Mixed. NS3L, N3SET, and N3WR worked all 67 Counties.

W3OK ranked 8<sup>th</sup> with 4 logs submitted.

Check out for your scores if you participated in the Party.

I may have missed Club members that participated from another county. Let me know so I can put an article in the next month's Newsletter.

There was something new to me with the QSO Party this year. I received an email showing me what errors I had if any, callsigns that weren't valid, and any errors in my entering of information. It was a 10-page explanation which I found was quite interesting. Hope everyone that participated got one too.

De John, N3IGA

# DLARC NET QUICK CHECK CALENDAR

## MARCH 2022

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2 DLARC NET Jim KC3MKP	3 DLARC MEETNG 7:30pm	4	5
6	7	8	9 DLARC NET Al W3CE	10	11	12
13	14 DLARC BOARD MEETING 7:00pm	15	16 DLARC NET George N3SQD	17	18	19
20	21	22	23 DLARC NET Ben N3WR	24	25	26
27	28	29	30 DLARC NET Doreen K3PDL			

## 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. 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 George, N3SQD at [george@bioserv.com](mailto:george@bioserv.com). 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.

## 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 evening 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 positions 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 to conserve local bandwidth.

## 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.

## LOOKIN' FOR DLARC MEMBERS' HELP

Each spring and fall for the past number of decades DLARC has offered classes in preparation for the FCC ham license tests. I suppose many reading this message may have gone through the classes, as I did back in 1990.

The classes have proven to be very helpful to passing the license exam, but also in allowing new hams to get some ideas of how they might set up their unique stations, learn on-the-air protocol, experience hands-on transceivers, to name a few additional information beyond the FCC exam. Each of the two sessions per year, spring and fall, have been scheduled for 10 Tuesday evenings, 7: 00 p.m. to 9:00 p.m. The 10<sup>th</sup> session is dedicated to VE testing for those in class as well as non-students.

We want to continue the classes, but this year we are facing a problem. We need a room for the fall series of classes. The room at the 911 Center cannot be guaranteed for us at this time. Although we would like to start classes on the traditional day after Labor Day, we may need change the start day and date, and /or class times when we find a location. We'll cross that bridge when we come to it!

So, here is where your help can be valuable. We are looking for leads from anyone who knows of a possible meeting room(s) in a school, library, church/synagogue, fire hall, municipal building, etc., which could meet our needs, and if so, would you please pass that information to us – with the contact's name and phone number if known.

We are most interested in locations near the center of Northampton County but will appreciate all leads to pursue.

Contact: Bob Green/KE3AW [KE3AW@ARRL.NET](mailto:KE3AW@ARRL.NET) or phone 610.419.9286

TNX,

Bob/KE3AW

## NEWSLETTER INFORMATION

If any member has anything that they think would interest other club members such as Ham Radio articles, Contesting, and any other interesting subjects, please send them to me to put in our newsletter. It really doesn't have to be any radio subject. Remember that this is your club Newsletter.

You can send your information to my email address located at the end of the Newsletter.

## FOR SALE

Very nice FT-70DR C4FM FDMA/FM 144/430 MHz Dual Band 5W Handheld Transceiver with Optional/Extra Accessories.

The FT-70DR is a compact YAESU System Fusion transceiver providing both conventional analog FM operation and the advanced C4FM Digital mode.

Includes everything originally manufacturer's box. Includes lanyard, cables, manual & misc. documentation, belt clip, and stock antenna. Extra accessories included extra Yaesu battery, optional Yaesu drop-in charger. Nifty FT-70DR Mini-Manual. RT-Systems ADMS-70D-USB Programming Software and Cable.

This is a great way to get started with C4FM/System Fusion. Nice little radio with great audio and receive. Comes with everything needed to get on the air in less than an hour.

I'm selling my 1.5-year-old and virtually new condition FT-70DR because I just upgraded to a Yaesu FT5DR so I have no need to keep this unit and want it to go to a good home.

Special for DLARC members. **(Local pickup only)** \$200.00 Firm. If interested, contact me at [NS3L@yahoo.com](mailto:NS3L@yahoo.com) or by phone 610-297-5132

De Steve, NS3L



**amazon**smile

You shop, Amazon gives.

**Amazon will donate 0.5% of the price of your eligible purchases to the  
Delaware-Lehigh Amateur Radio Club, Inc.**

To sign up, go to AmazonSmile <https://smile.amazon.com/>.  
You will be prompted to select a charitable organization. Enter  
**Delaware-Lehigh Amateur Radio Club Inc.**

**Bookmark the link and support us every time you shop!**

## **MEMBERSHIP DUES ARE DUE!**

DUES are payable for the calendar year 2022. 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 callsign 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* must, 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 the end of March 2022, your membership will expire.

### **2022 DUES Rates**

**Regular Membership 18-64 years of age: Jan. - Dec. -- \$25.**

**65 and over or retired from all forms of employment (no age limit): Jan. – Dec -- \$20.**

**Additional Family member each -- \$5.**

**Associate Individual Membership -- \$15.**

**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:

**Lawrence R. Butler  
800 Maple Lane  
Easton, Pa. 18045**

Enclosing an 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: [lrbutler@ptd.net](mailto:lrbutler@ptd.net) include your phone number if you prefer a live reply.

De Larry / KC3JTK, DLARC Treasurer

# EXECUTIVE COMMITTEE 2021- 2022

## OFFICERS

**President** – Jim Matlack / KC3MKP ----- jjmatlack@gmail.com  
**Vice President** – Steve Harper / W3NAM ----- sharper3152@gmail.com  
**Secretary** – John Holmes / N3IGA ----- john.holmes@rcn.com  
**Treasurer** – Larry Butler / KC3JTK-----lrbutler@ptd.net

## BOARD of DIRECTORS

Gabe Lantos / KZ2A =----- gpl3639@gmail.com  
Dean Guth / AB3BD -----babydean1@hotmail.com  
Stephanie Koles / WX3K ----- wx3k@arrl.net  
Steve Nordahl/ NS3L ----- ns3l@yahoo.com  
John Barbaz / NT3P ----- nt3p@arrl.net  
Adam Gauntz / N3LAG ----- agent1@aol.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 Nancy Run Firehouse. TALK IN ON 146.700 (PL 151.4)  
Club Station Telephone Number – 484 291-1527 Email Address – w3ok146700@gmail.com

**THE W3OK TRUSTEE --- Barry Vogt / N3NVA**

**The W3OK Corral is published monthly and is the Official Publication of the**

**DELAWARE LEHIGH AMATEUR RADIO CLUB INC.**

**14 Gracedale Avenue  
Nazareth, Pa. 18064-9211**

## THE NEWSLETTER STAFF

**Editor** – John Holmes / N3IGA ----- john.holmes@rcn.com  
**Web Master** – Larry Kaplan / AB3TY ----- lkdds@ptd.net  
**Circulation** – John Holmes / N3IGA ----- john.holmes@rcn.com  
**Photographer** – Dave Blankenship / N3EYT ----- n3eyt@arrl.net