

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
JANUARY 2018



W3OK

CORRAL

Club Meeting January 4th, 7:30PM At the
Bethlehem Township Community Center



JANUARY PROGRAM
"Why The Climate Debate?"
Jim / KC3JHV



MINUTES OF THE DECEMBER 2017 DLARC GENERALO MEETING

A General Meeting of the Delaware-Lehigh Amateur Radio Club was held on December 7, 2017 at the Bethlehem Township Community Center, Bethlehem, PA.

President, Steve Harper, W3NAM, called the meeting to order at 19:30 hours.

President's Report: Steve announced that no Board meeting was held in November. He announced that the Club now has a Tech Committee, which will be headed by Al Wiemann, W3CE.

Secretary's Report: JoAnn Schaffer, ND3JJ, announced that the Minutes for the November 2017 General Meeting were emailed to the membership on Nov. 22, 2017. A motion to accept the Minutes was made and seconded, and so moved.

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

Committee Reports:

Club Station: Les Morrow, W3LES, said that everything was working well at the station and ready for the Christmas Cities Event.

Membership: JoAnn Schaffer, ND3JJ, announced that as of the start of the meeting, DLARC had 185 members. There were two applications for membership – Justin Grabe, K3JRG, Derek Richline, KQ6G. Motions were made to accept their membership applications, seconded, and so moved.

Technical Committee: Al Wiemann, W3CE, announced that the committee had met and recommended that for now the Club purchase the lower power band pass filters, which have now been installed on the radios at the Club Station.

New Business: David Blankenship, N3EYT, announced that DLARC's annual Christmas Cities event will be held at the Club Station on Saturday, December 16, and Sunday, December 17.

There being no further business, the Meeting was adjournment at 20.30 hours.

Minutes submitted by

Secretary, JoAnn Schaffer, ND3JJ

JANUARY QUICK CHECK CALENDAR

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|--------|--------------------------------------|---------|------------------------------|--------------------------------|---------------------|----------|
| | 1 HAPPY NEW YEAR | 2 | 3 DLARC Net (W3CE) | 4 DLARC Meeting 7:30 PM | 5 VE SESSION | 6 |
| 7 | 8 | 9 | 10 DLARC Net (KC3II) | 11 | 12 | 13 |
| 14 | 15 Martin Luther King Jr. Day | 16 | 17 DLARC Net (N3SQD) | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 DLARC Net (KB3CTX) | 25 DLARC BOARD MEETING | 26 | 27 |
| 28 | 29 | 30 | 31 DLARC Net (K3PDL) | 28 | 29 | 30 |

JANUARY CONTESTING AT THE OK CORRAL



- January 6 & 7 – WW PMC Contest
- ARRL RTTY Roundup
- January 13 & 14 – UBA PSK63 Prefix Contest
- North American QSO Party - CW
- January 20 & 21 – North American QSO Party - SSB
- OK DX RTTY Contest
- January 27 & 28 – QBA FX Contest – SSB
- REF Contest - CW



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.

NEW MEMBERS

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 Justin Grabe / K3JRG and Derek Richline / KQ6G.

Silent Key
The D.L.A.R.C. Wishes to honor and to express its sadness at the passing of a club member or former club member.
Richard (Dick) Selby / W3GKC

2018 DUES Rates / No Changes

Regular Membership 18-64 years of age:

Jan. - Dec.\$17.-

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

Jan. - Dec.\$12.-

Additional Family member
each \$3.-

Associate Individual Membership
\$10.-

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**

WX3MAS – 2017

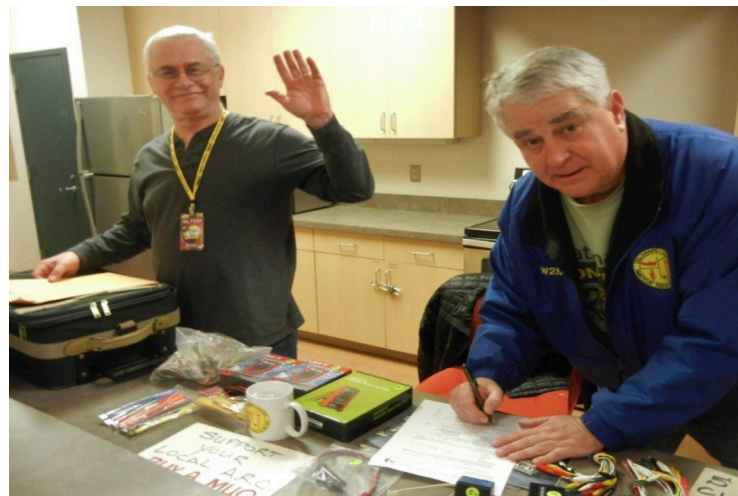
The Delaware Lehigh Amateur Radio Club, for many holiday seasons has operated a special event station celebrating the holiday season. This station is WX3MAS the Christmas City Radio Club. The club station is located between Bethlehem and Nazareth, Pennsylvania. The station this year operated from 9 AM to 5 PM on the weekend of December 16th.and 17th. Dave / N3EYT, is this year's chairperson, and working with Les / W3LES have the "Milk House" , club station, ready for the amateur radio holiday celebration. Multiple stations are ready for the membership to operate, and there is always somebody to share tales. Food and drink was available and a Christmas meal enjoyed. The QSLs should start pouring in shortly, and help will be needed handling them and the sending of the club certificates in return

DECEMBER MEETING PROGRAM

The December's meeting is the annual Holiday Celebration. Members and their families attend bearing gifts of food and other goodies to share with other members and their families. It is our mid-winter social extravaganza that has become a holiday favorite. It is renewal of old friendships and the developing of new friendships. This has been an annual event for many years, and the attendance shows this.



N3EYT Photos



NOVEMBER DLARC VE SESSION RESULTS

November 3rd Test Session Results:

- Phillip Parsons / KC3KGC and Justin Grabe / K3JRG passed the technician exam to earn their technician class licenses;
- Robert Palmer / KC3KGE passed the technician and general exams to earn his general license; and
- John Weaver / KC3JUU and Julio Folhadella / KC3JCJ passed the general exam to upgrade to their general licenses.

November 7th Test Session Results:

- Joanne Meyer Herrera / KD2OPX, Thomas Strohl / KC3KGI, and Charles Hamilton, Jr. / KC3KGH passed the technician exam to earn their technician class licenses;
- Diego Herrera / KD2LZV and Kim L. Murray / KC3JHS passed the general exam to upgrade to their general licenses; and
- Derek Richline / KQ6G passed the extra exam to upgrade to his extra license.



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 at nl7xm@arrl.net. The winner must be present at the next Meeting to receive it, or it goes unrewarded. Officers, Board members, and Brain Teaser Authors are not eligible to win."



de NL7XM

DECEMBER BRAINTEASER WINNER

NO WINNER

DECEMBER BRAINTEASER ANSWER

Each word had a number in it.

JANUARY BRAINTEASER

This is an unusual paragraph. I'm curious as to just how quickly you can find out what is so unusual about it. It looks so ordinary and plain that you would think nothing was wrong with it. In fact, nothing is wrong with it! It is highly unusual though. Study it and think about it, but you still may not find anything odd. But if you work at it a bit, you might find out.

REFLECTIONS FROM THE PAST



1983 FIELD DAY – HACKETT'S PARK

DLARC'S EQUIPMENT LOANER PROGRAM

Within the last few months the club's loaner program was updated and restructured. Here is some of the equipment that is available and the rules.

HF equipment:

Kenwood TS-440SAT package

The radio has a built in antenna tuner, also comes with a hand microphone, DC power supply and an Off Center Fed 40 meter antenna.

Kenwood TS-430S package

This radio comes with the matching external antenna tuner, power supply and a 20 meter dipole.

Yaesu FT-840

This radio comes with a hand microphone and power supply

MFJ-9040

This radio is a QRP CW only radio. It has the internal audio filter installed, comes with CW key and power supply.

There are two each MFJ antenna analyzers. ***Borrow time on the antenna analyzers is limited to a maximum time of one week.***

The club also has a large selection of books to choose from in its library.

Rules:

1. Fill out the logbook with the following information when borrowing any piece(s) of equipment. Item(s) borrowed, name, call sign, date, email address and phone number.
2. You may borrow the equipment for up to 90 days. At the end of the 90 day period the equipment must be returned to the club's station. If there isn't anybody waiting to borrow the equipment you have just returned you may continue to borrow the equipment for another 90 days. You can repeat this cycle three times for a total borrow time of one year.
3. It is not the club's responsibility to call you for the return of the equipment, it is YOUR responsibility to return it ON TIME !
4. As mentioned above, the antenna analyzers are on the lender program and can be borrowed for no longer than one week. They are in high demand and for that reason the borrow time is very limited.

If you would like to borrow any of the above mentioned items, stop by the club's station, located in the Milk House, on the Gracedale complex any Wednesday evening.

Barry G. Kery, KU3X

Status Report: THE AMATEUR RADIO PARITY ACT OF 2017

The [Amateur Radio Parity Act of 2017 - S. 1534](#) is alive, but with legislative action slowed to a glacial pace on Capitol Hill in recent months, there's been no real progress to report since this past summer. At present, the bill is under consideration by the US Senate Committee on Commerce, Science, and Transportation, and it remains an active concern for ARRL. The League is working diligently to shake the bill loose and move it forward.

While it may appear that time is short, S. 1534 does not need to pass the Senate by year's end. The bill remains in play until the current session of Congress adjourns, which doesn't happen until December 31, 2018. Once the bill has been passed by both chambers, the FCC would still have to implement its essence in the Part 97 Amateur Service rules. Introduced on July 12, S. 1534 marked another step forward for the landmark legislation.

Senators Roger Wicker (R-MS) and Richard Blumenthal (D-CT) sponsored the bill in the Senate. The US House version of the legislation, HR 555, passed the House of Representatives by unanimous consent last January.

LOGBOOK OF THE WORLD TO ADD SUPPORT FOR CQ WAZ AWARD

Participants in CQ magazine's Worked All Zones ([WAZ](#)) award program will soon be able to use the Logbook of The World ([LoTW](#)) system of ARRL, the national association for Amateur Radio, to apply for the WAZ award and its endorsements, ARRL and CQ announced on December 14.

Amateur Radio operators will be able to use LoTW logs to generate lists of confirmed contacts to be submitted for WAZ credit. Standard LoTW credit fees and separate CQ award fees will apply.

Implementation, documentation, and internal testing of the link between LoTW and WAZ is complete. ARRL and CQ are now assembling a team of external beta testers to assure that the link is ready for widespread use. A separate announcement will be made when LoTW's support for CQ WAZ is available to everyone.

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

"I am very pleased that participants in the CQ Worked All Zones award program will finally be able to use Logbook of the World confirmations in their applications for WAZ awards and endorsements," said CQ magazine Editor Rich Moseson, W2VU, adding that "WPX program participants have made excellent use of this service for the past five years and we look forward to providing it to WAZ program participants as well."

"We are excited about the prospect of supporting CQ magazine's WAZ program through Logbook of The World, as it is something that many ham radio operators have been asking for," said Greg Widin, K0GW, ARRL First Vice President and chair of the Logbook Study Committee. "We believe this partnership will enhance the Amateur Radio experience for many practitioners." Worked All Zones is the second-oldest active Amateur Radio award program, behind the International Amateur Radio Union's Worked All Continents (WAC) award.

COUNTRIES AUTHORIZE NEW, EXPANDED AMATEUR RADIO ALLOCATIONS

Several countries around the globe have allowed access to new and expanded frequency allocations.

Croatian radio amateurs now have a secondary 60-meter allocation of [5351.5-5366.5](#) kHz, as agreed to at World Radiocommunication Conference 2015 (WRC 15), with a maximum 15 W EIRP. For the last several years, the Croatian Regulatory Authority for Network Industries (HAKOM) had issued 1-year licenses to operate on 60 meters. Hams in Croatia now also have access to more of 160 meters: 1810-1850 kHz with a maximum power of 1.5 kW PEP, and 1850-2000 kHz with a maximum power of 1 kW PEP. The changes became effective on December 2.

Earlier this fall, radio amateurs in Colombia gained new allocations at 60, 630, and 2200 meters, as a result of efforts by the Liga Colombiana de Radioaficionados (LCRA) -- with the support of its "strategic partner" Liga Radio Bogotá (LRB). Access to the new bands was to become effective when the Colombian Communications Ministry granted the privileges by administrative act. The new allocations are 135.7-137.8 kHz (2200 meters); 472-479 kHz (630 meters); and [5351.5-5366.5](#) kHz (60 meters).

In Germany, radio amateurs now have a 60-meter band plus an extended 6-meter band, the Deutscher Amateur Radio Club (DARC) reports. Amateur Radio has been allocated the band [5351.5-5366.5](#) kHz at a maximum power of 15 W EIRP on a secondary basis. This is in accordance with the allocation agreed upon at WRC 15. In addition, 6 meters was expanded slightly. The band 50.08-51.0 MHz, previously allocated to Amateur Radio on a secondary basis, has been enlarged to 50.03-51.0 MHz at a maximum 25 W EIRP.

Spain has also adopted the global, secondary 60-meter Amateur Radio allocation of [5351.5-5366.5](#) kHz, per WRC 15.

The Radio Club of Argentina has announced that Argentina will soon have privileges in the 630- and 60-meter bands, as well as extended allocations at 160, 80, and 30 meters. The new allocations are 472-479 kHz (630 meters) and [5351.5-5366.5](#) kHz (60 meters). Hams in Argentina will also be permitted to use 1800-2000 kHz (160 meters); 3500-4000 kHz (80/75 meters), and [10,100-10,150](#) kHz (30 meters) -- the same allocations available in the US. -- *Thanks to Zeljko Ulip, 9A2EY, via Paul Gaskell, G4MWO/The 5 MHz Newsletter, Southgate Amateur Radio News*

ANNOUNCING: THE ARRL INTERNATIONAL GRID CHASE

A new and exciting operating event will kick off on January 1, 2018, at 0000 UTC (New Year's Eve in US time zones), when the [ARRL International Grid Chase](#) gets under way. The year-long event hopes to build on the success of the highly successful 2016 National Parks on the Air (NPOTA). The objective is to work stations on *any* band (*except* 60 meters) in as many different Maidenhead grid squares as possible, and then upload your log data to ARRL's Logbook of The World (LoTW). [Registration](#) is free, and it costs nothing to use LoTW. Many hams are familiar with grid squares from the VHF/UHF and satellite realms, and everyone lives in one. ARRL's VUCC is based on grid squares, and some contests on HF, as well as on VHF and UHF, also use them as a scoring factor.

John Morris, G4ANB, came up with the locator system, which the VHF Working Group adopted in 1980 at a meeting in Maidenhead, England — thus the term "Maidenhead grid square." The system divvies up the entire globe into 324 fields, each containing 100 grid squares 1° latitude by 2° longitude in size. With 32,400 potential grid squares, it's not likely that anyone will run out of challenges, even though some grid squares are surrounded entirely by water, are in areas that are uninhabited, or are difficult to access.

If you don't know your grid square, David Levine, K2DSL, has an [online calculator](#). Just enter a postal address, ZIP code or a call sign, and his site will tell you the grid square for that location. For example, enter "W1AW" and the site will return "FN31pr." For the purposes of the ARRL International Grid Chase, though, just the two initial letters and the two numbers that follow (e.g., FN31) are all you need to know.

Once you get active in the chase and start uploading your log data, each new grid square contact confirmed through LoTW will count toward your [monthly total](#). Getting started is simple: Turn on the radio and call CQ or "CQ Grid Chase," or listen for others doing the same. Make the contact, exchange grid squares, log it, and move on to another. At the end of each month, your totals on the Grid Chase Leader Board will reset to zero, although the system retains all monthly data to determine top finishers in various categories at the end of the year.

Any contact you make in 2018 can count for your Chase score; it doesn't have to involve an exchange of grid squares. As long as the other operators participate in LoTW, you'll get credit automatically when they upload their logs. This means that contest contacts will also count, as will contacts with special event stations, or other on-air activity that uses LoTW to confirm contacts.

Some radio amateurs live in sparsely populated grid squares, and if you're one of those, you could find yourself handling a pileup! Expeditions to hard-to-reach or rare grid squares will undoubtedly evolve. You also can travel to one of those grid squares yourself. Some vehicle or hand-held GPS units can be set to display when you are in a particular grid square. Apps are available for smartphones or tablets, such as *Ham Square* for iOS devices or *HamGPS* for Android devices.

There are no restrictions on modes or bands, as long as they are legal. Satellite contacts are valid for the Chase. The event is open to *all* radio amateurs.

Awards

As all contacts are uploaded to LoTW, participants may use their contacts toward other [ARRL awards](#), in addition to the overall monthly and annual Grid Chase recognitions. These other ARRL awards include the grid-based VHF-UHF Century Club (VUCC) and Fred Fish Memorial Award, as well as Worked All States (WAS), WAS Triple Play, DX Century Club (DXCC), and Worked All Continents (WAC).

Complete details of the ARRL International Grid Chase will appear in the December 2017 issue of *QST*. The digital edition is available on Friday, November 10.

For more information, [contact](#) the ARRL Contest Branch.

REPEATER ETIQUETTE

Atlantic County ARES Web Page Via **Bob Green / KE3AW** Every couple of years it seemed we used to "remind" operators using our repeaters of the proper etiquette to be used on W3OK. With numerous new hams over the past couple years, or hams new to this area, it may be worth considering using/altering to suit us some such guide to operators in our club. I know, from recent questions to me about a number of points covered in this article, below...

Here is the Delaware-Lehigh Amateur radio Club Repeater Etiquette.

Use of the W3OK Repeater

- 1-Usage will be in accordance with FCC Rules Part 97.
- 2-Users will comply with directives of the control operator.
- 3-Transmissions will be courteous and professional. (See Basic Repeater Etiquette Below)
- 4-The time out timer is set for 90 Seconds. Keep transmissions under that time. Leave breaks between transmissions so the repeater can drop and the time out timer resets.

Basic Repeater Etiquette

- 1-Starting a QSO via a directed call. There are two main ways by which a QSO can begin, one is via a directed call and one is via monitoring. A directed call is where one amateur calls another amateur individually, such as "N3XYZ from K3ABC". In such a case, K3ABC is looking for one particular individual, N3XYZ. It generally is not an invitation for anyone other than N3XYZ to return the call. If N3XYZ doesn't answer the call, K3ABC may just clear off by saying "K3ABC clear", or may clear and listen for other calls by saying "K3ABC clear and listening". The "and listening" or "and monitoring" implies they are interested in hanging around to QSO with anyone else who might be listening at that time. "Listening" and "monitoring" don't mean you are listening to somebody else's conversation, they mean you are listening for other people who may want to call you to start a new QSO. Likewise, just saying your call by itself with nothing following it is meaningless. If you were to say "N3XYZ", people listening wouldn't know if that means you were monitoring for calls, whether you were testing, or whether they missed the callsign of a party you were calling. Be concise, but be complete.
- 2-Starting a QSO via a monitoring call. If the repeater is not in use, simply stating your callsign followed by "listening" or "monitoring" implies that you are listening to the repeater and are interested in having a QSO with anyone else. Calling CQ on a repeater is generally not common, a simple "N3XYZ listening" will suffice. There is no need to repeat the "listening" message over and over again as you might do when calling CQ on HF. Once every few minutes should be more than sufficient, and if someone hasn't answered after a few tries, it probably means there is nobody around. If someone is listening and wants to QSO, they will answer back. Avoid things like "is anybody out there" or "is there anybody around on frequency"; it sounds like a bad sci-fi movie.
- 3-Joining a QSO in progress. If there is a conversation taking place which you would like to join, simply state your callsign when one user unkeys. This is the reason for having a courtesy tone: to allow other users to break into the conversation. One of the stations in QSO, usually the station that was about to begin his transmission, will invite you to join, either before making his own transmission or afterward. Don't interrupt a QSO unless you have something to add to the topic at hand. Interrupting a conversation is no more polite on a repeater than it is in person.
- 4-Interrupting a QSO to make a call. If you need to make a directed call to another amateur but there is already another QSO going on, break into the conversation during the courtesy tone interval by saying "Call please, N3XYZ". One of the stations will allow you to make your call. If the station you are calling returns your call, you should quickly pass traffic to them and relinquish the frequency to the stations who were already in QSO; don't get into a full QSO in the middle of someone else's conversation. If you need to speak with the party you call for a significant length of time (say, more than 15 seconds), ask them to either wait until the current QSO has cleared, or ask them to move to another repeater or simplex channel to continue the conversation.
- 5-Round tables and "Turning it Over". When more than two amateurs are in a QSO, it is often referred to as a "round table" discussion. Such a QSO's usually go in order from amateur A to amateur B to amateur C ... and eventually back to amateur A again to complete the round table. To keep everyone on the same page, when any one amateur is done making a transmission, they "turn it over" to the next station in sequence (or out of sequence, if so desired). Without turning it over to a particular station when there are multiple stations in the QSO, nobody knows who is supposed to go next, and there ends up either being dead silence or several stations talking at once. At the end of a transmission, turn it over to the next station by naming them or giving their callsign, such as "...and that's that. Go ahead Joe." or "...and that's that. Go ahead XYZ." If it's been close to 10 minutes, it's a good time to identify at the same time as well, such as "...and that's that. N3XYZ, go ahead Joe."
- 6-IDing and Who's Who? By FCC regulations, you must always identify at 10 minute intervals and at the end of a transmission. If you are making a test transmission or calling another party, this is a one-way transmission. Since it has no "length" as there is no QSO taking place, you should identify each time you make a call or a test transmission. When identifying yourself and another party (or parties), or when making a directed call, your callsign goes **LAST**. "N3XYZ, K3ABC" means that K3ABC is calling N3XYZ, not the other way around. There is no need to identify each time you make a transmission, only once every 10 minutes. You do not need to identify the station with whom you are speaking, only your own callsign, but it is generally polite to remember the call of the other station. Avoid phonetics on FM unless there is a reason for using them, such as the other station misunderstanding your callsign. When phonetics are needed, stick to the standard phonetic alphabet.
- 7-Demonstrations. From time to time, an amateur may want to demonstrate the capabilities of amateur radio to another non-

amateur. The typical way to do this is to ask for a "demo" such as "N3XYZ for a demonstration." Anyone who is listening to the repeater can answer them back. Usually telling the calling party your name, callsign, and location is what they are looking for, not a lengthy conversation. Someone doing a demo may ask for stations in a particular area to show the range of amateur radio communications, such as if the calling station is in the Poconos they may ask for any stations in south Jersey or Harrisburg areas, which is more interesting than demonstrating that they can talk to someone in the same town as they are in.

- 8-Signal Reports. If you are unsure how well you are making it into the repeater, **DO NOT** kerchunk the repeater. Any time you key up the repeater, you should identify, even if you are just testing to see if you are making the machine. "N3XYZ test" is sufficient. Do not use the repeater as a "target" for tuning or aiming antennas, checking your transmitter power, etc. Use a dummy load where appropriate, or test on a simplex frequency. If you need someone to verify that you are making the repeater OK, ask for a signal report such as "N3XYZ, can someone give me a signal report?" "Radio check" is a term most often used on CB, "signal report" is what most amateurs ask for.
- 9-Language. Aside from some of the techno-syncretisms inherent in amateur vernacular, use plain conversational English. The kind of English that would be suitable for prime-time television, not R rated movies. Avoid starting or encouraging conflicts on the air. If a topic of conversation starts to draw strong debate, change the subject. Avoid "radio-ese" lingo whenever possible. CB has its own language style and so does amateur radio, but the two are not the same. Amateurs have "names", not "personals". Although many new hams have graduated from the CB ranks, let's try to keep CB lingo off the amateur bands. When visiting a new repeater, take some time to monitor before jumping in to get a feel for the type of traffic and operating mannerisms of that particular system. Some repeaters are very free-wheeling in that there are people jumping in and out of conversations constantly. Others primarily have directed calls on them and discourage ragchewing. Others are member-exclusive repeaters. Listen before you talk, when in Rome do as the Romans do.
- 10-Emergencies. If there is a QSO going on, break into a conversation with the word "Break" or "Break for priority traffic." **DO NOT USE THE WORD BREAK TO JOIN IN A QSO UNLESS THERE IS AN EMERGENCY!** All stations should give immediate priority any station with emergency traffic.
- 11-Malicious Interference. If there is malicious interference, such as kerchunking, touch-tones, rude comments, etc. **DO NOT ACKNOWLEDGE IT!** Continue the QSO in a normal fashion. If the interference gets to the level where it is impossible to carry on the QSO, simply end the QSO as you normally would.
- 12-Power. Use the minimum power necessary to complete a QSO. However, the minimum power necessary doesn't just mean you are barely tickling the repeater receiver squelch. If someone says that you are noisy, increase power or relocate or take whatever measures you can to improve your signal. Continuing to make transmissions after being told your signal is noisy is inconsiderate to those listening. The amateur radio manufacturers continue to come up with newer, smaller handheld radios, many with power levels well under a watt. Many new amateurs start out with a handheld radio as their "first rig". Although convenient, they aren't the most effective radios in terms of performance. Without a good external antenna, operating a handheld radio indoors or inside a car is going to result in a lot of bad signal reports.

WORLD WIDE RADIO OPERATORS FOUNDATION ANNOUNCE KP4 GENERATOR PROJECT

The recovery efforts in Puerto Rico have largely cycled out of the news media, but residents are still struggling in the wake of this fall's devastating hurricane damage. In order to help radio amateurs and radiosport enthusiasts in Puerto Rico get back on the air, the World Wide Radio Operators Foundation ([WWROF](#)) has announced the KP4 Generator Project, which will raise funds to purchase Honda eu2000i generators for the radio amateurs of Puerto Rico.

Well-known contester Angel Vazquez, WP3R, will distribute these generators to active radio amateurs on the island for use in emergency-related communication and other applications, based on local need.

The WWROF will match the first \$5,000 in donations from clubs and individuals to the KP4 Generator Project. WWROF is an IRS 501(c)(3) organization, and donations are tax-deductible for US taxpayers to the extent allowed by law. Puerto Rico suffered extreme damage from hurricanes Irma and Maria, and while recovery efforts are proceeding, a lot of work remains to be done that will take significant time, WWROF Chairman, John Dorr, K1AR, said in an announcement over the weekend.

"Amateur Radio has filled a vital need for communications, since the storm destroyed most of the island's wired and wireless infrastructure," Dorr noted. "Many of our fellow Amateur Radio operators and contesters are among the people who suffered significant damage." The WWROF said the contesting community in Puerto Rico has expressed a continued need for generators to stay on the air and to power their homes for ongoing communication needs.

Currently, electric power has been restored to roughly two-thirds of the island, but full power may not be back until early next year, according to some estimates. Generators remain in high demand and in very short supply on the island.

The Amateur Radio and Radiosport communities may donate to the KP4 Generator Project via PayPal (to donations@WWROF.org), via credit card on the [WWROF website](#) (click on the DONATE button), or by check to WWROF, P.O. Box 529, Fredericksburg, TX 78624-0529.

The mission of the Worldwide Radio Operators Foundation is to improve the skills of Amateur Radio operators around the world, utilizing education, competition, advancement of technology, and scientific research. The foundation focuses on promoting international friendship and goodwill, and on preparing operators to better serve society in times when communication support is needed.

F.Y.I.

The February Program will be "Introduction to Logger 32" - Jay / N3OW

The D.L.A.R.C. meets the "FIRST" Thursday of each month. Membership, friends and interested persons meet at the Bethlehem Township Community Center, 2900 Farmersville Road, Bethlehem, Pa. 18020) at 7:30 PM. Committee reports and announcements of all present and future activities will be presented at that time. Followed by that month's program.

NORTHAMPTON COUNTY ARES, RACES AND DLARC NET

All Radio Amateurs are welcome to participate in the ARES, RACES and DLARC net. This net meets Wednesday at 1900 hours local time, on the W3OK Repeater 51.76, 146.70 and 444.90 (pl 151.4). With an alternate frequency of 147.350 (DCS 315) W3OI Repeater.

QCWA Chapter 17 holds a net Monday evenings at 8:30 PM on 3960 +/- depending on conditions. Other inputs are the 146.85 repeater, (151.4 PL) and Echolink at K2PM-R.

Mid-Atlantic D-Star Net meets each Tuesday at 7:30 PM. The following repeaters Dstar repeaters are available in the Lehigh Valley. W3OK -145.11000MHz -0.600 Port C – W3OI -147.16500MHz +0.600 Port C, – W3OI - 445.02500MHz -5.000 Port B All repeaters on the net are linked through **Reflector 020 port A**, so all stations checking into the net should make sure that they have *their local repeater call sign followed by the letter "G" in the eight position of the RPT2 field*. Otherwise, you will only be heard locally and not over the Reflector. Dongle users wishing to check into the net should Log On by connecting directly to Reflector 20, port A, rather than through your local repeater in order to conserve local bandwidth.

The OK Corral is an organization publication for the purpose of informing members of the D.L.A.R.C. of educational and training opportunities, club events, relevant news articles and a monthly calendar of daily activities, meetings and dates.

**EXECUTIVE COMMITTEE 2017 – 2018
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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)

THE W3OK TRUSTEE --- Barry Vogt / N3NVA

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