

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
FEBRUARY 2013



W3OK

CORRAL

**Club Meeting February 7th 7:30PM At the
Bethlehem Township Community Center**

FEBRUARY MEETING PROGRAM

STS-41-C NASA Astronaut Terry J. Hart

JANUARY PROGRAM



ELIX / AC7HU "My America Freedom via Amateur Radio"



FROM YOUR PRESIDENT'S SHACK

What a nice crowd we had for our last meeting. The presentation was awesome as well.

Our new facility host has asked us NOT to enter (and congregate in) the lobby of the BTCC before our Meeting Room has been effectively vacated. The congestion, loitering, and wandering about that was observed was objectionable and could jeopardize the relationship we are trying to cement with the facility

In the milder months ahead, it will be more pleasant to wait outside, so unless the temperatures don't bother you, kindly remain in your vehicles if you arrive early. Although this is a public property, access anywhere beyond the room we occupy is restricted to MEMBERS ONLY. Roaming is strictly prohibited, and I have been assured that we are under constant observation. Please follow these rules. Thanks.

It's already February which means spring is right around the corner. We still have this month ahead of us though and March can always be tricky. How much longer do we have of winter? We have to wait to see what the groundhog has to say.

I am looking forward to our presentation this month with astronaut Terry Hart. I think we will have another great crowd. It should be interesting.

Well, I hope the groundhog gives us an early Spring.



MINUTES FROM THE JANUARY 2013 MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on January 3, 2013, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

Call to Order: Charlie Lazarchak / W3OPA, President, called the meeting to order at 1936 hrs.

Pledge of Allegiance: Led by Charlie / W3OPA

What Have You Been up to Lately: Charlie / W3OPA asked if any members participated in ARRL Straight Key Night. There being no responses, Charlie opened the floor to members who wished to share any recent personal ham radio related activities, projects, or events: Jay / N3OW reminded everyone that the 2013 CQ DX Marathon started on January 1 and encouraged everyone to start working as many countries as they can. Jon / NJ3I reported that in last year's DX Marathon he worked 51 counties QRP (500 MW) and worked 89 counties on 80 Meters. Pete / NL7XM announced the marriage of his daughter. Her initials are now "CW" and her spouse also has ham-radio related initials, "KW." Doreen / K3PDL reported that she made 21 contacts during the WX3MAS Christmas City Special Event Station. Jerry / KB3WQL hooked up with the USS Wisconsin Radio Club for its Pearl Harbor Special Event Station on December 8.

Approval of the Minutes: Charlie / W3OPA asked for a motion to the minutes of the last meeting. It was moved by Dave / KA3IWC, second by Jay / N3OW to approve the minutes as presented in the newsletter. **Motion carried.**

Approval of the Treasurer's Report: Mike / KB3LOD presented the Treasurer's Report. It was moved by Carl / AA3IX, second by Pete / K2PM to approve the Treasurer's Report as presented. **Motion carried.**

Visitors/Guests Present: Six visitors and guests were present and they briefly introduced themselves to the group. Most were present for the night's speaker, Elixander / AC7HU. Two were interested in classes and were directed to Bob / KE3AW for additional information

Membership: George / N3SQD presented the membership report. The club has about 180 members. George and Mike / KB3LOD are processing the incoming membership renewals. Approximately 80 renewals had been processed as of George's report. George said renewals that included a self-addressed stamped envelope would be mailed and added that others, who had renewed their memberships before December 20, should see him later in the evening for their membership cards. Charlie / W3OPA reminded all that 2013 dues are \$17 with the grace period closing at the end of February.

2013 Field Day Location: George / N3SQD used the County's new web-based reservation system to reserve the pavilion at Louise Moore Park for this year's Field Day and is awaiting confirmation that the club's reservation has been accepted.

Club Station Report: Al / W3CE provided a report on the club station. The club station continues to have a large number of visitors on Wednesday nights. Internet based ham programs such as Ham nation and AmateurLogic.TV are being streamed on the flat screen and are enjoyed by many on Wednesday evenings. Al added that last night he demonstrated his new quadcopter. The Club station is located in the Milkhouse in the Gracedale complex. It is normally open Wednesday evenings around 7 pm and most Saturdays. All members are welcome to come operate the club station, to ask questions, or just to enjoy the camaraderie of fellow hams.

Christmas City Special Event Station WX3MAS: Jon / NJ3I reported on the Christmas City Special Event Station, WX3MAS. This year was a great success. The station was on the air from about 9 am to 6 pm on both Saturday and Sunday. We made over 400 contacts including some DX contacts. There were lots of phone contacts, but there were also many CW contacts and even some PSK contacts. There was not much activity on 20 Meters, but 40 Meters was quite active. Saturday featured a Christmas dinner party. It was a fun event and everyone had a great time.

Web page Report: Brad / W3JXQ reported on the web page. The web page has been up and running with no major issues. About the only change has been updating the club roster. George / N3QSD asked that the date of the club picnic be added to the calendar. The club picnic is scheduled for August 25 (the last Sunday in August).

Newsletter: Don / KC3II reported that a volunteer is needed to take photographs at the general membership meetings for the newsletter. Those present provide photography for Club events and other related outings so the volunteer would only be responsible to cover the club meeting.

Brief History Christmas City Special Event Station WX3MAS: For the benefit of the guests Al / W3CE provided a brief history. The Christmas City Amateur Radio Club is a companion club to Delaware-Lehigh Amateur Radio Club. Members of DLARC are automatically members of the Christmas City Club. The club callsign of the Christmas City Club is WX3MAS. Once a year, in December, the callsign is activated as a special event station. This was started 45 years ago and except for a few interruptions, this has been an annual event. A special QSL certificate is issued. Many hams from around the world have contacted the station have contacted the station on multiple years and look forward to adding the new QSL certificate each year.

Repeater Report: Charlie / W3OPA asked if anyone had any issues with the repeater. It was reported that the 6 Meters link was not passing audio to 2 Meters and that one voter was off frequency the past Saturday.

License Classes: Bob / KE3AW reported technician and general classes would start again on March 5th and run for nine weeks. Classes are Tuesday evenings from 7pm to 9pm at the County 911 Center. There are no prerequisites, other than interest in becoming licensed. Classes are free, but registration is required to keep class size manageable. If you or someone you know is interested in taking the classes contact Bob / KE3AW.

VE Test Session: George / N3SQD reported that there is a scheduled VE test session tomorrow night at 7 pm at the 911 Center. Currently no one has registered, but another volunteer examiner is needed in case of a last minute registration.

Club Photographer And Club Positions: Charlie / W3OPA explained a volunteer is needed to take photographs at the general membership meetings. If you would like to volunteer, please contact Charlie / W3OPA or Don / KC3II. Charlie added that a Programs Chair is also needed. Moreover, although Club elections are in October, it is not too early to start thinking about volunteering for the Board. The Board meets the Thursday two weeks before the club meeting for about an hour to an hour and a half. This will be Charlie's last year as president and there may be other changes as well. Charlie asked the members to think about their schedules in the next few months to see if they can volunteer time to the club as a board member. If you have any interest, please approach any board member to express your interest

Old Business: Charlie / W3OPA asked any old business had been overlooked. There being no responses, Charlie opened the floor to new business.

Guests Welcome to the Club Meetings: Bob / KE3AW, for the benefit of the guests present, advised that if any of the guests are interested in joining the Club or becoming licensed, they are welcome to attend some meetings. Bob encouraged them to attend next month's meeting when NASA astronaut Terry Hart will be the guest speaker.

Mini-Hamfest: Al / W3CE asked if the Board discussed the possibility of having a mini-hamfest in June in the parking lot adjacent to the Milkhouse. Charlie/W3OPA reported it was discussed and the only potential issue is if County has some objection to it taking place. The planned date is June 12 (2nd Wednesday in June). More information will follow, but if you are interested contact Al / W3CE.

Banner for Club Meetings: Gary / N2AUO noted that the new club location in the Bethlehem Township Community Center has a lot of public exposure and suggested that a banner at the door announcing the club and inviting the public may generate some interest by the public using the Community Center.

Elixander / AC7HU: Pete / NL7XM briefly introduced club member, Elixander / AC7HU, who will be presenting the tonight's program

Adjournment: There being no further business before the Club, the meeting was adjourned by Charlie / W3OPA at 2006 hrs . In the break between the meeting and the evening's presentation, the door prize was won by Carl / KB3TOD.

Respectfully submitted by John / NT3P, Secretary

NEW MEETING LOCATION

Effective with the January 3rd 2013 meeting, the DLARC will have a new meeting location. It will be The Bethlehem Township Community Center. It is located at 2900 Farmersville Rd. Bethlehem, Pa. 18020.

This is the location where we have met before when unable to use the scheduled location.

FEBRUARY QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		D-Star Mid – Atlantic 7:30 PM	DLARC RACES/ARES Net (KB3WYJ)		1	2
3	4	5 D-Star Mid – Atlantic 7:30 PM	6 DLARC RACES/ARES Net (W3CE)	7 DLARC MEETING	8 NO VE SESSION	9
10	11	12 D-Star Mid – Atlantic 7:30 PM	13 DLARC RACES/ARES Net (KC3II)	14 	15	16
17 News Letter Articles Due	18	19 D-Star Mid – Atlantic 7:30 PM	20 DLARC RACES/ARES Net (N3SQD)	21 DLARC Board Meeting	22	23
24	25	26 D-Star Mid – Atlantic 7:30 PM	27 DLARC RACES/ARES Net (KB3CTX)	28		

VE TEST SESSION

There will not be a test session this month. The next session will be March 8th at 7:00 PM at the Northampton County 911 Center. Pretest registration is required. Contact George / N3SQD at george@bioserv.com or AI / W3CE at w3ce@arrl.net.

FEBRUARY CONTESTING AT THE OK CORRAL



February 2 & 3 - Mexico RTTY International Contest
 February 9 & 10– CQ WW RTTY WPX Contest
 February 16 & 17 – ARRL International DX Contest - CW
 February 23 & 24 - CQ 160 Meter International Contest – SSB



AMATEUR RADIO CLASSES - 2013

DLARC will offer free classes to anyone (ages 8 to 80+) who may be interested in becoming an Amateur Radio Operator. The classes are designed to help potential amateur radio operators learn about amateur radio, and prepare them for the FCC Amateur Radio multiple-choice examination leading to the Amateur Radio license.

The classes will begin on Tuesday, March 5, 2013, and will be held for a total of 9 Tuesdays, 7 PM – 9 PM in the Nazareth area.

If you are interested in learning about ham radio and earning your license to transmit on the amateur radio bands, please contact me for details.

If you know someone who may be interested, please have them contact me for details. I'll be happy to answer questions about getting into ham radio, and provide interested persons with directions to the class location from wherever they will be coming.

Bob Green / KE3AW at ke3aw@arrl.net 610 432-8286

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

JANUARY BRAINTEASER ANSWER

She does it with a camera... shoots him (his picture), develops the picture of him (with the film under the water) and then they go to dinner.



The winner is Bob / KE3AW

FEBRUARY BRAINTEASER

On a certain street there are 31 houses. 12 have fewer than 7 rooms. 10 have more than 8 rooms. 8 have more than 9 rooms. What is the total number of houses that have 7, 8, or 9 rooms?

JANUARY PROGRAM REPORT

Elix / AC7HU bought a program to the meeting the likes we have never had before. He began with the conditions he grew up in. And how these conditions gave him the strength of convictions to leave Cuba.

He gave us a background on amateur radio, the requirements, testing and the basis of the number in the Cuban callsign. He also spoke about most of the equipment being homebrewed or converted old military radios.

He was already a ham with the call CM7HU, this enabled them to have the communications used during his escape attempts.

The first raft failed to make it. When the Cuban fishing boat was approached they were turned in to the Cuban authorities and returned to Cuba. Once back in Cuba his radio was taken by the government, but he was allowed to keep his license.

Using experience gained from the first raft, they tried again. They ran out of food and water, but then contact with a Russian tanker, who gave them food and water. At this time they also made contact with the Maritime Net. The net control reported the contact to the U.S. Coast Guard, who when unable to locate them, contact them the Russian tanker who gave them the rafts location. The US Coast Guard then informed the Mexican Coast Guard who rescued them.

The Mexican government put them into a detainment facility awaiting deportment that to Cuba. Elix was able to contact the local Mexican press and created an uproar, the result was that the group was put into isolation. This isolation was several months long during which they decided to try an escape.

They did escape, and traveled from Vera Cruz, Mexico to Brownsville, Texas on foot traveling at night and working on farms as they traveled north for food. Upon reaching Texas, Elix applied for political asylum, and received his entry permit.

Ham friends made it possible for him to get to New York City. There he was met by ham who lived in Palmer Township. This friend allowed him to live there until he was able to survive his own. During that time he got a bicycle and a job in Allentown. Which meant he commuted daily to work, one hour each way.

Elix continued to get better jobs which allowed him to get a car, get married, a house and begin a life with the freedom he always wanted.



Mikhail Kornienko, RN3BF, and Scott Kelly to Spend One Year on International Space Station

Russian Cosmonaut Mikhail Kornienko, RN3BF, of the Russian Federal Space Agency (Roscosmos) and NASA Astronaut Scott Kelly have been selected for a one-year mission aboard the International Space Station (ISS) in 2015. According to NASA, the mission will include collecting scientific data important to future human exploration of our solar system and to understand better how the human body reacts and adapts to the harsh environment of space as NASA plans for missions around the Moon, an asteroid and ultimately Mars.

Kelly and Kornienko will launch aboard a Russian Soyuz spacecraft from Kazakhstan in spring 2015 and will return to Kazakhstan in spring 2016. Kelly and Kornienko already have a connection; Kelly was a backup crew member for the Expedition 23/24 crews on the ISS where Kornienko served

as a flight engineer. Both men will begin a two-year training program in the United States, Russia and other partner nations starting in early 2013.

“Selection of the candidate for the one-year mission was thorough and difficult, due to the number of suitable candidates from the Cosmonaut Corps,” said Russian Federal Space Agency General Director Vladimir Popovkin. “We have chosen the most responsible, skilled and enthusiastic crew members to expand space exploration, and we have full confidence in them.” Kelly, a Captain in the US Navy, is from Orange, New Jersey. He has degrees from the State University of New York Maritime College and the University of Tennessee, Knoxville. He served as a Pilot on space shuttle mission STS-103 in 1999, Commander on STS-118 in 2007, Flight Engineer on the ISS Expedition 25 in 2010 and Commander of Expedition 26 in 2011. Kelly has logged more than 180 days in space.

Kornienko is from the Syzran, Kuibyshev region of Russia. He is a former paratrooper officer and graduated from the Moscow Aviation Institute as a specialist in airborne systems. He has worked in the space industry since 1986 when he worked at Rocket and Space Corporation-Energia as a Spacewalk Handbook Specialist. He was selected as an Energia Test Cosmonaut Candidate in 1998 and trained as an ISS Expedition 8 backup crew member. Kornienko served as a Flight Engineer on the ISS Expedition 23/24 crews in 2010 and has logged more than 176 days in space.

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 or Al / W3CE at w3ce@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.

CRAY TITAN SUPERCOMPUTER NOW THE WORLD'S FASTEST

IBM's Sequoia No. 2

IBM's Sequoia supercomputer in June became the first U.S.-based system to reach No. 1 on the Top500 list of the world's fastest supercomputers. Six months later, the system—at Lawrence Livermore Laboratory—was moved to No. 2, displaced by Cray's huge Titan Supercomputer, housed at the Oak Ridge National Laboratory in Tennessee. Titan, a massive XK7 system powered by Opteron processors from Advanced Micro Devices and GPU accelerators from Nvidia, hit a performance of 17.59 petaflops—or quadrillions of calculations per second—outdistancing Sequoia's 16.32 petaflops. The latest Top500 list—two are released every year—was unveiled Nov. 12 at the SC12 supercomputer show in Salt Lake City, and the systems continue to get more powerful. According to the list's organizers, there are 23 supercomputers on the Top500 list that offer more than a petaflops of performance. This is only four years after the first petaflops system—IBM's Roadrunner—hit the list. In addition, a growing number of systems are using accelerators—such as GPU accelerators from Nvidia and AMD, or Xeon Phi co processors from Intel—to increase the performance of the supercomputers, particularly when running highly parallel workloads. The list of the top 10 supercomputers has many prominent names on it, though there are a few new ones, including Stampede, housed at the Texas Advanced Computing Center (TACC) in Austin. Here are the top 10.

No. 1: Cray Titan

This supercomputer boasts 560,640 processors, including 261,632 of Nvidia's Tesla K20x GPU accelerators, which also were announced at SC12. It also is powered by AMD's Opteron 6274 chips. It leverages Cray's Gemini interconnect. announced at SC12. It also is powered by AMD's Opteron 6274 chips. It leverages Cray's Gemini interconnect.

No. 2: IBM Sequoia

When IBM's Sequoia, a BlueGene/Q supercomputer, topped the Top500 list in June, it was the first time in about three years that a U.S.-based system had ascended to the top spot. Sequoia is powered by more than 1.5 million IBM Power processing cores.

No. 3: K Computer

Housed at the RIKEN Advanced Institute for Computational Science in Kobe, Japan, the K Computer was the world's fastest until Sequoia displaced it. The Fujitsu-based system—powered by 705,024 SPARC64 processing cores and the first to break the 10-petaflops barrier—reached a performance of 10.51 petaflops.

No. 4: Mira

Mira is another IBM BlueGene/Q supercomputer that packs 786,432 Power processing cores. Housed at the Argonne National Laboratory in Illinois, the system hit a performance of 8.15 petaflops.

No. 5: JuQueen

The third BlueGene/Q supercomputer from IBM to be in the top five, JuQueen is installed at the Forschungszentrum Juelich supercomputing center in Germany. The system had been ranked eighth on the list in June, but has since upped the number of Power processing cores to 393,216 and the performance to 4.14 petaflops.

No. 6: SuperMUC

Six months ago, IBM's SuperMUC—an iDataPlex system running 147,456 Intel Xeon E5-2600 cores—ranked No. 4 on the list. The supercomputer is housed at the Leibniz Rechenzentrum in Germany.

No. 7: Stampede

This supercomputer, which is being installed at TACC, is a Dell system running the company's PowerEdge C800 servers that are powered by Intel's Xeon eight-core Xeon E5-2680 chips. Currently, the supercomputer, which also leverages Intel's new Xeon Phi coprocessors, has hit a performance of 2.6 flops. However, when it's fully built out, TACC officials expect its performance to surpass 10 petaflops.

No. 8: Tianhe-1A

Developed by the Chinese National University of Defense Technology and installed at the National Supercomputing Center in Tianjin, China, Tianhe at one time was the fastest supercomputer in the world. It is powered by 186,368 Intel Xeon X5670 cores and more than 7,000 GPUs from Nvidia, and hit a performance of 2.56 petaflops.

No. 9: Fermi

Fermi is another IBM BlueGene/Q supercomputer, with a performance of more than 1.72 petaflops and powered by 163,840 Power processing cores. It is installed at Cineca, a consortium of Italian universities and the largest supercomputing center in that country.

No. 10: DARPA Trial Subset

New to the list, the Defense Advanced Research Projects Agency (DARPA) Trial Subset features IBM's Power 775 servers and includes 63,360 Power processing cores. It hit a performance of 1.5 petaflops, and includes a custom interconnect from IBM.

REDNERS' SUPERMARKETS SAVE-A-TAPE PROGRAM

Here's how it works:

Redner's has a terrific program to support the Club **AT NO COST TO THEM**, if our members simply sign up for a Gas Card that records their shopping points, and give their cash register receipts to, **Pete / NL7XM**, He'll do the rest.

Note: This does not affect your gas points in any way.

HELP THE ENVIRONMENT

Donate your old, empty printer ink cartridges to the Club for recycling. Any brand, model, size or shape; color or black. Please bring them to the meeting in a leak proof ziplock type baggie and give them to Pete / NL7XM. This simple act can help your Club by reducing recurring expenses, and make you feel a lot better about our environment.

DUES ARE DUE!

DUES are payable for 2013. We have currently received LESS THAN 50% of our Member's Dues Renewals. Please make your prompt payment a personal priority.

The most important way any individual can support the D.L.A.R.C. (outside of serving as an Officer or Board Member, Chairing a Committee, or participating in a Communications Event) is to remit timely DUES and keep your valuable Club Membership current. Whether in person or by mail, [CHECKS made payable to the D.L.A.R.C.](#) are the preferred method of payment. Please ensure your callsign appears somewhere on the instrument, such as in the memo field. If you MUST pay with cash, exact change would be considerate and speeds your transaction.

Remember, if your DUES are not paid, your membership will expire.

2013 DUES Rates: (No Changes)

Regular Membership 18-65 years of age:

1 yr.....\$17.-

Under 18 years, 65+, or retired from all forms of employment (no age limit)

1 yr.....\$12.-

Additional Family members in same household.

ALL for \$3.- (No longer "each.")

Associate Individual Membership

\$10.-

You are STRONGLY encouraged to MAIL your DUES so my attention at Meetings is better spent answering your questions, address your concerns, and welcoming your thoughtful revenue raising and savings ideas. Therefore, it is strongly advocated that DUES correspondence be mailed to:

Michael Gower / KB3LOD

[1511 Shelbourne Drive](#)

[Bethlehem, PA 18018-2234](#)

You may write to me anytime with questions regarding DUES, or to discuss issues that you believe are my responsibility at: gowermj@gmail.com.

**Happy New Year, & 73
de Mike / KB3LOD**

Treasurer - D.L.A.R.C.

HARD COPY SUBSCRIPTION

You must sign up if you want a hard copy newsletter subscription. The rate stays the same this year at \$10. This is exclusively for the newsletter only to cover printing and mailing. The price of maintaining a Bulk Mailing Permit is too expensive to justify with the size of our Membership, thus the first class postage requirement. This will squarely cover the cost of paper and printing supplies for 12 months. To subscribe contact Pete / NL7XM at nl7xm@arrl.net.

DON'T FORGET



MARCH 10th

LOOKING FORWARD TO 2013

As we approach the new year, I want to thank all of you who assisted me in my role as section manager over the last eight months. I have enjoyed visiting and presenting before many clubs, and look forward to continuing that in the new year.

I would also like to thank all of you who participated in ARES and emergency communications operations during Hurricane Sandy. Though we did not have quite as much destruction here in PA, some of our friends in New Jersey and New York were not as lucky. Many radio amateurs were there to help. I received calls from other section managers from around the country offering aid before and after the storm. It was gratifying for so many hams to step up and offer assistance.

During Sandy, I had the pleasure of serving with the Delaware County ARES unit. We spent hours in the EOC stationed with other agencies' communications operators there. I spent another 8 hour overnight shift leading the Rose Tree Fire Company crew. I know my story isn't unique. Many of you had long nights as well. Thank you for your service.

I am speaking at the Marple-Newtown Amateur Radio Club meeting in Delaware County on Thursday, January 3, 2013 at 7 PM. See www.mnarc.org for directions. I will be speaking about amateur radio and the law including antenna zoning and the latest ARRL news. All are invited to the meeting. Bring your questions, and let me know if you would like me to schedule a visit to your local club.

Finally, I would like to remind you all to send me articles and announcements that you would like to see posted on the section web sites. Also, please send me questions and concerns about matters that are important to you. This will help me stay apprised of your concerns. I can then address them and/or pass them along to headquarters. You can write or call me during the day or evening at my office as listed in QST.

2013 holds many challenges and new issues for radio amateurs. Together, we will address them. Best wishes for a happy and prosperous new year.

73,s **Bob Famiglio, K3RF EPA SM**

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.gth/mailman/listinfo/dlarforum> 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

HOW TO REGISTER ON THE DLARC WEB PAGE

Only club members can register to the site.

Only club members can post to the site or gain access to the club rosters which includes addresses, phone#,s, e-mail etc. I believe there will be more added later that members only have access. Scroll down on the front page. You will see on the left a place to log in. Under the log in spaces you will see:

- forgot your password?
 - Forgot your user name?
 - Create an account.
- Click on "create an account"

Now you will see the registration form. All fields must be filled in.

We are a private forum/web page on the site so feel free to use your real name in the first space.

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

Next a working e-mail address for your confirmation e-mail

Next pick a password

Next space re-type your password

Click the register button to the lower left.

You will then be brought back to the DLARC home page - at the top of the page will be this message:

"Your account has been created and an activation link has been sent to the e-mail address you entered. Note that you must activate the account by clicking on the activation link when you get the e-mail before you can log in."

Wait for the e-mail and follow the directions from there. The web master will check your call sign against the up to date / dues paid roster for 2009. If you are not on it you will be rejected. If you do not use your call sign you will be rejected.

The DLARC web page forum has a for sale section, a rag chew section etc.

Hope to see you on the site.

Any other questions - post them on the e-mail forum or contact the web master.

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.

2012 MARKS ALL-TIME HIGH FOR AMATEUR RADIO LICENSES

As 2012 came to a close, ARRL VEC Manager Maria Somma, AB1FM, had a good reason to cheer: The number of radio amateurs in the US reached an all-time high of almost 710,000. "2012 was definitely a banner year for the number of Amateur Radio operators here in the US," she said. "It is amazing to see these new numbers and to know that Amateur Radio is experiencing such a healthy trend."

In looking at new and upgraded licenses, as well as licensees per ARRL Division (see the charts below), Somma also crunched the numbers looking for growth within each license class -- and all of Amateur Radio -- over the last 40 years. "This is an all-time high for Technician, General and Amateur Extra class licensees," she said. "When looking at the three current license classes, the number of Technicians, Generals and Amateur Extras peaked in December at 345,369, 163,370 and 130,736, respectively."

Somma explained that the total number of US amateurs in the FCC database also continues to grow each year: "As of December 31, 2012, the number of licensees reached an all-time high of 709,575; year-end totals were 702,056 for 2011 and 696,041 for 2010. The number of licensees increased at an average rate of 21 per day, while the number of US licensees has increased by 7 percent since 2008!" More than 3000 new licenses were issued in 2012 than in 2011, while upgraded license activity remained steady in 2012.

In the past 40 years, the number of Amateur Radio operators in the US has grown at a remarkable rate:

- December 1971: 285,000
- December 1981: 433,000
- December 1991: 494,000
- December 2001: 683,000
- December 2012: 709,500

ARRL VEC Program Statistics

The ARRL VEC is by far the largest of the 14 Volunteer Examiner Coordinator (VEC) groups in the country, coordinating approximately 70 percent of all Amateur Radio exams. "When looking at the statistics over the last year, the ARRL VEC sponsored exam sessions and exam elements taken were up in 2012, which is a good sign for Amateur Radio overall," Somma said. "Compared with 2011, ARRL VEC exam sessions in 2012 were up by 8 percent. A total of 6831 exam sessions were administered in 2012, compared to 6352 in 2011. Exam elements were slightly up from 41,096 last year, to 42,473 this year. The total number of accredited ARRL Volunteer Examiners (VEs) has reached an all-time high of 36,682. The ARRL VEC has been busy meeting the needs of the Amateur Radio community by helping people become radio amateurs or upgrade their existing licenses. 2012 was a very good year for Amateur Radio -- I can't wait to see what 2013 brings!

NOTICE – NOTICE

Due to changes in his work schedule, Dave / NB3R , is unable to continue as Meeting photographer. Any member interested in accepting this position, please contact, Don / KC3II at kc3ii@arrl.net

F.Y.I.

The March Program will be Bill / W0RSJ “VHF / UHF Microwave Contesting”

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.

The EASTERN PENNSYLVANIA District 2 ARES Net meets every Wednesday at 1930 hours local time. (Just after the DLARC Net) On 147.255 (pl 162.2). And linked to 449.375 on Blue Mountain, 443.350 in Allentown and 147.180 in Berks County.

D-Star Mid-Atlantic Regional net meets the second and fourth Tuesdays of each month on the 147.165 port with a number of other repeaters in Eastern Pennsylvania, New Jersey and New York City area .

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. Every member of the D.L.A.R.C. Is welcome to contribute articles of interest to this newsletter. Opinions, items of interest, and even suggestions towards the improvement of newsletter and/or the DLARC, itself would also be accepted, as a sort of “Letters to the Editor” section.

The Clubhouse telephone number is 484-895-7038.

EXECUTIVE COMMITTEE 2012 – 2013

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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 --- Jon Matson / NJ3I

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

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 147.370 (167.9) W3OI Repeater.

THE NEWSLETTER STAFF

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