

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.

March 2013



W3OK

CORRAL

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

MARCH MEETING PROGRAM

“VHF/UHF & Microwave Contesting”

Bill / W0RSJ



**“From Kitty Hawk to the Asteroid Belt”
Terry Hart**



MINUTES FROM THE FEBRUARY MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on February 7, 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 1938 hrs.

Pledge of Allegiance: There being a large number of boy scouts in attendance at the night's meeting, Charlie / W3OPA requested that one of the Eagle Scouts lead the lead in the Pledge of Allegiance. Richard an Eagle Scout from Troop 306 led the group in the Pledge of Allegiance.

Approval of the Minutes: Charlie / W3OPA asked for a motion to approve the minutes of the last meeting. It was moved by Dave / KA3IWC, second by Doreen / K3PDL 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 Robert / KB3ULG second by George / N3SQD to approve the Treasurer's Report as presented. **Motion carried.**

Visitors/Guests Present: Many guests and visitors were in attendance for the night's speaker, NASA astronaut Terry Hart. Guests and visitors included members of the Trinity Orthodox Presbyterian Church youth group, and members of Boy Scout Troops 306, 317, and 359.

License Classes, Club Station, And Membership Reports: For the benefit of the guests, George / N3SQD briefly discussed that to become a licensed operator in the Amateur Radio Service an FCC multiple-choice test must be taken. The test is not overly difficult and covers the basic things you need to know as a licensed of Amateur Radio operator to operate legally and safely. George explained the Club does offer classes in the spring and fall to prepare people for test. The classes are not required for licensing, but they do allow people to ask questions and get support from an instructor and fellow students. The classes are held Tuesday evenings from 7pm to 9pm at the Northampton County 911 Center. The spring classes start on March 5th. George continued, that additional information on becoming a ham and about the Club is available on the Club's website, www.dlarc.org. The club station is open every Wednesday night from about 7pm and guests are welcome to stop in to see the club station and learn more about amateur radio.

George reported that there are no candidates for membership this month. George added that he has 2013 membership cards for those who paid dues before January and name badges for new members; member should see him later in the evening for cards and badges.

Charlie / W3OPA reiterated that all visitors are welcome to the club station on Wednesday nights and that if scout leaders would like to set up a field trip the station, they should see George/N3SQD later in the evening. George added that the Club can assist scout leaders in conducting a Radio merit badge workshops.

Preview of March Program: Bill / W0RSJ gave a brief preview for his VHF/UHF presentation. Bill has been operating from College Hill in Easton for 26 years and will discuss what is possible to do with a modest VHF/UHF station in our area. He will discuss what is involved with VHF/UHF contesting and some things that you should know if you want to operate VHF/UHF.

VE Test Session: George / N3SQD reported that the next scheduled VE test session will be in March.

Club Photographer For Meeting Nights And Program Chair: Charlie / W3OPA explained a volunteer is needed to take photographs just at the general membership meetings. If you would like to volunteer, please contact Charlie / W3OPA or Don / KC3II. Charlie added that a Programs Chair for next year is also needed. If you are interested, please contact Charlie / W3OPA. It is desirable to have the Programs Chair in place by August or September so there is ample time to schedule programs for 2014.

New Business: Charlie / W3OPA asked if there is any new business that should be brought to the floor. Hearing none, Charlie opened the floor to questions, comments, or announcements for the good of the order. None were presented.

Adjournment: There being no further business before the Club, the meeting was adjourned by Charlie / W3OPA at 1951 hrs.

Respectfully submitted by John / NT3P, Secretary

NOTICE<> NOTICE<> NOTICE

We are enjoying our superior new Meeting quarters, but for that reason, it is also a very popular venue for many other groups. To reduce congestion as other scheduled activities end and folks try to exit, we have been politely asked to refrain from entering the lobby before 7:15. Your strict consideration is appreciated.

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



FEBRUARY BRAINTEASER ANSWER

11

The winner is **NO WINNER** for February



MARCH BRAINTEASER de KB3LIC

5 hours ago it was as long after 5:00 AM as it was before 5:00 PM on the same day. What time is it now?

MARCH QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		D-Star Mid – Atlantic 7:30 PM	DLARC RACES/ARES Net (KB3CTX)		1	2
3	4	5 D-Star Mid – Atlantic 7:30 PM	6 DLARC RACES/ARES Net (NB3R)	7 DLARC MEETING	8 VE SESSION	9
10	11	12 D-Star Mid – Atlantic 7:30 PM	13 DLARC RACES/ARES Net (KB3WYJ)	14	15	16
17 News Letter Articles Due	18	19 D-Star Mid – Atlantic 7:30 PM	20 DLARC RACES/ARES Net (W3CE)	21 DLARC Board Meeting	22	23
24	25	26 D-Star Mid – Atlantic 7:30 PM	27 DLARC RACES/ARES Net (KC3II)	28	29	30
31 						

MARCH CONTESTING AT THE OK CORRAL

March 2 & 3 – ARRL International DX Contest - SSB

March 9 & 10 – North American Sprint - RTTY

March 16 & 17 – Russian DX Contest



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@arrrl.net 610 432-8286

VE TEST SESSION

There will be a test session this month on March 8th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact George / N3SQD at george@bioserv.com or AI / W3CE at w3ce@arrrl.net.



Silent Key

The D.L.A.R.C. Wishes to honor and to express its sadness at the passing of a club member .

Earl "Bud" Fritz / W3BOM

Silent Key

The D.L.A.R.C. Wishes to express its sadness at the passing of the wife of a former club member and SK Bud Tamm / W4YID

Rachael Tamm

FROM KITTY HAWK TO THE ASTEROID BELT

Terry Hart started his career at Lehigh University as an undergraduate, went on to flying fighter jets in the United States Air Force, into the NASA astronaut program, back to flying fighter jets, and finally back to Lehigh University this time as a professor.

Terry Hart's presentation took us on that trip. From that first flight of the Wright brothers to the future NASA plans. He told us about his experiences flying fighter jets for the Air Force, doing satellite telescope repairs from the space shuttle.

Covering his astronaut experience, he began with a brief background on the United States space program. This program began with the Mercury modules and the development of more powerful launching rockets. With the development of the more powerful rockets, NASA was able to put men in orbit. This allowed the development of the Apollo program and the landing of men on the moon. This is moon landing allowed the United States to move ahead of the Russians which to this date, were always slightly ahead. The space shuttle was the next step in the program, even though the shuttle program has been concluded, it's results have made it possible for the establishment of the space lab with all the experiments that were being done there. This program also had its downside, when two shuttles and crews were lost. Terry included slides that showed the space station and views of the earth and different views of the astronauts working.

While the shuttle flights are finished, NASA is now looking to deep space. Also preparing to land a research module on an asteroid in order to study its makeup and possibly obtain clues to formation of our solar system.

(We should extend our thanks to Chris / NU3L who made this program possible)

MARCH MEETING PHOTOGRAPHS

Photos by Carl / AA3IX, Scout Leaders Andrew Azan and John Kisk IV



is

It is easy to see from these photographs, the number of interested people, and attendance at the March meeting. There were 119 total people attending Terry Hart's program. There were 33 scouts under the direction of Andrew Azan, Drew Draper, Kevin Higgins and Ken Vasquez. Also present were five church youth group under the supervision of Jamie Olliff.





All 38 of these future community leaders were rewarded with valuable packages of brand new school supplies, made available directly as a result of the continued generosity of DLARC member, Rich Hetzel / N3UB and his XYL Dana, who modestly avoid deserved recognition.

**We, Boy Scouts and Leaders from Troop 359, 317, and 306 appreciate your group's hospitality and generosity. We enjoyed Astronaut Terry Hart's presentation and the gift bags for our boys
Please keep us updated about coordinating a Radio Merit Badge.
Andrew Azan 3rd**

FROM THE DX WORLD NEWSLETTER de NB3R

After a lot of negotiation we are pleased to announce a multinational team of twelve is to undertake a Dxpedition to Bouvet Island from 25 March 2013 to 5 April 2013 using the callsign **3Y0IOF**. We will be operating 24/7 with five stations covering all bands 160m-10m. We understand that Dxpeditons are all about **you** – the DX operator – therefore we are pleased to announce some exciting new innovations. We appreciate many of you feel you should not have to make any effort to work us. Accordingly, we are offering you the chance to call us on the telephone when you are ready for a QSO. That's right, we will give you a phone number and when you are ready you can ring us and we will immediately cease to work the pile up and call you on a frequency of your choice. Not only that, we will also ensure an email is sent

to you directly after the QSO to confirm you are in the log. Furthermore, we are organizing a team of experts who, if you wish, will fly in and set up your rig on the required frequency, connect the antenna for you and make sure the heating or ventilation is on so it is nice and warm or cool in your shack as the case requires. Don't worry about propagation. We will make sure there is some between us as we understand that is our responsibility and it's our fault if there isn't.

If that is not for you then don't worry we are just as happy to work you in a pile up. We realize that we will need to operate in accordance with your operating habits so therefore we will understand if you call over the top of another station we are trying to work, or when we are specifically calling a part of the world you do not reside in, or if you are simply calling aimlessly or while we are transmitting, or even if you call when you cannot hear us. We will do our best to work you despite all this and yes we know it's our fault if you do not make it into the log.

We wish to acknowledge the value Frequency Cops bring to a Dxpedition so to recognize this we are going to specifically publicize some times when we will arrange for some operators to deliberately call us on our frequency instead of split. Frequency Cops can even register their availability with us to help us ensure these periods get maximum uptake by the Frequency Cop community. During these periods the Frequency Cops will be able to say or send "up up!" to their hearts content. (Note: we will make sure we tell the pile up to listen up and not down as the recent PT0S Dxpedition has taught us that Frequency Cops don't know how to send "down" in CW).

We also don't want the "tuner uppers" to feel left out and like them we feel dummy loads are completely overrated. So when we are ready to transmit on a band we will give them the opportunity to tune up on our frequency before we start working the pile up. Each period will start with us sending our callsign and "QDL" ("Quick Dummy Loaders") so they will know when to commence tuning up on us. We will allow for at least five minutes for this as we know how important it is for the tuner uppers to make sure their finals are good and ready. We acknowledge if they go bang it's our fault. Depending on demand we will every now and then send "QDL" while working a pile up so any tuner uppers late to the party can tune up on us as well.

Unfortunately we will not have cluster access while we are on Bouvet but we know this will not stop you posting announcements and comments on the cluster about our Dxpedition. Some suggestions for you to try include saying what band you want us to QSY to or mode to operate on, the quality of our ops and the usual "loud", "can't hear them here", "thanks for 7th band" or "yee hah" comments. Likewise as we noted above we understand it's our fault if you cannot work us and therefore we accept in that case you will post on the cluster calling us the worst Dxpedition ever. We can't wait to be of service to you.

73's The 3Y0IOF Team

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.

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.

PROGRAM CHAIRPERSON

We need a Programs Chairperson and/or Committee for the calendar year 2014. If you are interested, please contact Charlie / W3OPA. It is desirable to have the Programs Chairperson and/or Committee in place by August or September so there is ample time to schedule programs for 2014.

Ham Radio in Hollywood

Last Man Standing to Feature Ham Radio in Upcoming Episode



In an episode to air in mid-March, the hit ABC comedy *Last Man Standing* -- starring Tim Allen as Mike Baxter, KA0XTT -- will prominently feature scenes with cast members using Amateur Radio. This episode will be the first episode to feature Amateur Radio since the middle of the show's first season.

According to *Last Man Standing* Producer John Amodeo, NN6JA, the episode called "The Fight" will feature several of the regular cast members talking on the radios. "I can't say much about the episode right now," Amodeo told the ARRL, "But this episode has the most significant use of Amateur Radio in a TV comedy since Herman Munster, W6XRL4, got his ham license. Fans of 1960s television will remember the episode of *The Munsters* (originally aired January 21, 1965) when Herman, on his ham radio, overheard children using walkie-talkies who were pretending to be Martians.

"In addition to the original KA0XTT station in Mike Baxter's work office, viewers will get to see Mike's ham shack in the basement of his home," Amodeo explained. "A cast member will also be calling in from a portable HF radio while hiking along the Amazon." The ARRL provided many of the awards -- including 5 Band DXCC, 5 Band Worked All States, 5 Band Worked All Continents and VUCC -- that are on Mike Baxter's home shack wall. The episode, which was filmed February 12, will also feature Richard Karn. Fans of Allen's former show *Home Improvement* will remember Karn as Al Borland.

Last Man Standing is produced by 20th Century Fox for the ABC Television Network and airs on Friday nights at 8 PM Eastern and Pacific and 7 PM Central.

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.

THE DLARCforum

A few years ago the Executive Committee established an electronic mailing list for D.L.A.R.C. Members and friends to provide an easy way to disseminate information on a timely basis. This mailing list is called the "DLARCforum" and all club members with email capability are welcome to join.

Joining the list is easy, just go to this website :<http://mailman.qth/mailman/listinfo/dlarcforum> and fill in the appropriate boxes. Instructions for the subscription process are available on the page. If you don't have internet service, but do have email service you can still subscribe by sending a subscription request directly to the list administrator, ka3jwe@arrrl.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

NOTICE – NOTICE

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

HAM RADIO ARTICLES FOR SALE

Spring cleaning. All items must go. I have prices in mind but reasonable offers will be carefully considered. All items were in use/operated unless noted. All items are in 8/9 condition .

The following are Heathlit. Most have manuals.

DX-20 CW xcvr--\$40
HG-10 VFO--\$45
SB-630 station console--\$50
SB-600 6"X9" speaker--\$25
HD-140 keyer--\$15
SG-8 rf sig gen--\$15
AO-1 audio sig gen--\$15
HN-31 cantenna--\$10
IO-4550 dual trace oscilloscope--\$75
IC-4505 oscilloscope callibrator--\$50
DX-40 cw/am xmtr--\$50
SB-301 5 band ssb/cw rcvr--\$150
SB-401 5 band ssb/cw xmtr--\$150
SB-610 station monitor scope (2)--\$40ea
IM-2420 frequency counter (2)--\$50ea
SB-10 sideband adaptor--\$50
RX-1 Mohawk 7 band ssb/am/cw rcvr--\$170
TX-1 Apache 5 band am/cw xmtr--\$170
HA-10 Warrior 5 band HF linear amp--\$190
SB-200 5 band HF linear amp--\$150
DX-100 6 band am/cw xmtr, not DX-100B model--\$160
HD-20 100kc xtal calibrator--\$20
PM-2 field strength meter--\$10
GC-1A Mohican gnl coverage rcvr w/batt pak--\$75
Model 336 30k volt probe, as NIB--\$25

The following are Hallicrafters:

SX-101A rcvr w/manual--\$250
SX-101 rcvr w/manual--\$250
HT-32 xmtr w/manual--\$250
R-46B spkr (2)--\$20
R-47 spkr, matches SX-101--\$30
SX-71 rcvr w/manual--\$150
S-85 rcvr w/manual--\$50

Misc.

Hammerlund Hq-170A w/50 Mhz w/manual--\$300
Navy T22/ARC5 7-9 Mhz, no plastic escution, all tubes, parts rig--\$50
RCA WV-128B line voltage monitor, plastic cracked--\$10
RCA WV-98C Senior voltohmmist--\$30
RCA WV-87A Master voltohmmist--\$60
Ferris Mod 22A rf sig gen w/manual--\$150
Measurements Corp. rf sig gen w/manual--\$150
J-38 keys (3)--\$35ea
MFJ 492/492X memory keyer w/manual--\$10
MFJ 989C 3Kw versa tuner (2)--\$70
Realistic MDA-40 35 watt PA amp--\$10
Turner Mod 99 mic w/Astatic MC-320 elem--\$50
Astatic D-104 mic MC-320 elem (2)--\$50
Please contact Jim at KN3DZY@ptd.net for more information, pictures, and asking prices for these items.

GLOSSARY OF FAMILIAR PHRASES

WILL EXPEDITE – Call us back next week if you don't receive it.

WILL ASK OUR CONSULTANT – The janitor comes on duty at 4 PM.

GO THROUGH CHANNELS – Can't get anyone else to accept the responsibility.

UNDER ACTIVE CONSIDERATION – We've lost your letter in the files.

LET'S GET TOGETHER ON THIS – I'm as confused as you are.

GIVE US THE BENEFIT OF YOUR PRESENT THINKING – Will listen to you, as long as it doesn't interfere with what we have already decided to do.

WILL ADVISE IN DUE COURSE – If we figure it out, we will let you know.

SORRY OM, QRM GOT YOU – you are too darn fast for me.

I PASSED MY TECHNICIAN -- I flunked my general.

FB, OM, RRRRR, SOLID COPY –Please repeat RST, QTH and handle.

F.Y.I.

The April Program will be "Valuing & Insuring Your Radio Equipment" - Blair / K3YD

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 Wednesday at 19:30 local time. On 147.255 (pl 162.2), and linked to 449.375, on Blue Mountain, 443.350 in Allentown and 147.180 in Berks County.

QCWA NET - Chapter 17 holds a net, Monday evenings at 8:30 PM on 3960 +/- depending on conditions.

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 OFFICERS

President – Charles Lazarchak / W3OPA ----- president@dlarc.org
Vice President – Dave Blankenship / N3EYT ----- vicepresident@dlarc.org
Secretary – John Barbaz / NT3P ----- secretary@dlarc.org
Treasurer – Mike Gower / KB3LOD ----- treasurer@dlarc.org

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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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