

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
NOVEMBER 2010



W3OK

CORRAL

Club Meeting At the Nancy Run Fire Company
7:30 PM November 4th, 2010



RICH MOESEN / W2VU

Editor, CQ Magazine

NOVEMBER MEETING PROGRAM

Electronic Missile Guidance Systems
Mel Bach / W3SQ



FROM THE PRESIDENT'S SHACK

It sure has been a busy fall

Whew, I am finally seeing some "down time". There have been so many events in so short a period of time. It is nice that the pace will slow down a bit. Things started to get busy in September with the start of the Tech classes. The classes run every Tuesday night for about 9 weeks. This fall we are also running General Class and Extra Class upgrade courses on Monday evenings (thanks to **AI / W3CE** and **Louis / KB2VCI**).

On the event front we started with the club picnic. This was a nice way to start off the fall event season (thanks again to AI for chairing the event). The picnic was followed by the Easton Garlic fest and a great opportunity to get in front of the public and demonstrate amateur radio (thanks to **Bob / NE2C** and **Jon / N3INJ** for chairing the event). The next day gave us the opportunity to assist with the Lehigh Wheelmen Gap Gallop 100-mile bike ride, a bit chilly for those of us stationed outdoors, but a lot of fun all-the-same (AI reintroduced us to this event last year and they asked us back). T

The next weekend was the PA QSO party. Again, this year, there was a lot of activity at the club station in the Milk House, including some QRO operations. I had the opportunity to work a number of club members on a variety of bands (thanks to **Dave / K3GMT** for my only contact on 15M ... and the only place I worked him!). Be sure to send in your logs and remember to list DLARC as your club affiliation.

This past weekend was the Black Bear 100-mile bike ride starting in the wee hours on Saturday (thanks to **Ben / KB3CTX** for coordinating this event). Then, on the same day, was our annual participation in the Emmaus Halloween Parade (**Bob / KE3AW** has chaired this event for many, many years).

In addition to the members that chaired these events, my thanks go out to all of our members that participated. It has been the high level of participation of our club members that has made it possible for the club to be present at so many events. Fortunately for all involved, we were able to enjoy great weather for each of the events.

If you didn't get a chance to participate in one of the above events, be sure to plan to come out to the Christmas City Special event station and our annual Christmas party in December.

73 de N3SQD

NOVEMBER 2009



D.L.A.R.C. Treasurer's Report

Ending Balance Sept 30th, 2010

\$2,174.82

Pete Varounis / NL7XM

Treasurer / D.L.A.R.C.



DLARC AUDIT REPORT

The DLARC Audit Committee met Saturday, October 2 to review the financial records of the club. The committee members included: Bob Green (KE3AW), Bryan Williams (AA3WM), and David Blankenship (N3EYT). The current treasurer, Pete Varounis (NL7XM) was present and provided all financial documentation for the DLARC and was able to answer any questions put to him by the Audit Committee.

The committee found the financial record keeping to be both thorough and accurate from the time Pete Varounis was elected to the office of treasurer in October 2007 up to the present time. Documentation reviewed included bank statements and deposit slips, invoices, the check register, and receipts for expenses.

Documents relating to the club's non-profit and charitable organization tax status were also reviewed and found to be up-to-date. We would like to thank Pete Varounis for researching the club's tax status and filing the necessary paperwork to reinstate that status during a time after it had expired and before it would have been revoked permanently.

The Audit Committee therefore submits that it found the financial record keeping for the DLARC to be in excellent condition.

Respectfully Submitted by,
Bob Green KE3AW
Bryan Williams AA3WM
David Blankenship N3EYT



MINUTES FROM THE OCTOBER 7th MEETING

The general membership meeting of the Delaware Lehigh Amateur Radio Club Inc. was held at the Nancy Run Fire Company in Bethlehem Township on October 7th 2010.

Call to Order: The meeting convened at 1930 Hours, President **George / N3SQD** presiding.

Pledge of Allegiance: Led by **George / N3SQD**

Members & Guests in Attendance: 55 with 4 guests

REPORTS:

Approval of the Minutes: 1st **Mike KB3LOD**, 2nd **Tracy / KB3TAE** - Motion Carried

Approval of the Treasurer's Report: 1st **Al / W3CE**, 2nd **Gary / N2AUO** - Motion Carried

The Audit Committee of **Bob / KE3AW**, **Dave / N3EYT** and **Bryan / AA3WM** reported that all records in excellent condition.

Repeater / Web Page: Nothing to report on the repeater, **Brad / W3JXQ** reported that he had received some requests for changes on the page, and would be following up on them. **Dave / K3GMT** will be the new Newsletter Photographer

VE Session: **George N3SQD** reported the next session would be on November 5th, at 7:00 PM at the 911 Center.

Club Station: **Dave / K3GMT** reported attendance still high, and the station would be on the air for the Pa. QSO party. And on the air for the CQ WW DX SSB Contest and the CQ WW DX CW Contest.

License Classes: **Bob / KE3AW** reported that the classes are half way through, with 5 Tech students, 2 General students and 3 Extra class students.

Membership: **Vic / N2OFF** reported 225 members and 2 voted in this meeting. **Roy / G7UVO** and **Don / W3ITL**. 1st **Bob / NE2C**, 2nd **Dave / N3EFT** - Motion Carried Also noted Vic is stepping down as Membership chairman and a new Chairman needed. **Dave / K3GMT** volunteered for the position.

EVENTS:

Club Picnic: **Al / W3CW** reported that there were 44 members attending, and a good time was had by all. A fox hunt was held with **Jeff / N3QO** the winner.

Garlic Fest: **Bob / NE2C** reported that the exposure was successful with much interest shown by attending crowd. 140 contacts were made by the **W3G** special event station.

Lehigh Valley Wheelman: **Al / W3CE** reported that there were 270 riders and 10 ham operators covering the event. Sponsors happy with everything.

PA QSO Party: **Ray / W3TDF** told of the past DLARC history in the contest and what it would take to get back to the top of the club category.

Emmaus Halloween Parade: **Bob / KE3AW** reported there was still a need for operators only 15 so far.

Black bear 100 mile Bike Ride: **Ben / KB3CTX** reported that operators are needed for this event only have 8 to date.

Ladies 5 K Walk / Run: November 13th. Contact **Charlie / N3WXO** at n3wxo@ptd.net for more information.

Christmas City Special Event Station: December 11th & 12th **Louis / KB2VCI** had sign up sheet for this event.

OLD BUSINESS

None

NEW BUSINESS

Condolence card chairman needed, **Rich / N3MSH** volunteered for this position.

Bob / KE3AW to be reimbursed for his out of pocket expenses for class materials. 1st **Dave / K3GMT** 2nd **Doreen / KB3PDL**. - Motion carried.

Nancy Run Fire Company Contract renewal 1st **Ray W3TDF**, 2nd **Gary / N2AUO** Motion Carried

Temporary Break for Meeting Program: 1st **Mike / KB3LOD**, 2nd **Bob / NE2C**

Meeting Program was **Rich Moesen / W2VU** editor of CQ Magazine

Election results:

President: **George / N3SQD**
Vice-President : **Ben / KB3CTX**
Secretary: **Doreen / KB3PDL**
Treasurer: **Mike / KB3LOD**

Board Of Directors:
Gary / N2AUO
Bob / NE2C
Jon / N3INJ
Jay / N3OW
Jeff / N3QO

ADJOURNMENT: The meeting was adjourned at 2116 hours by **George / N3SQD**

Respectfully submitted, **Don / KC3II** Secretary



HAPPY THANKSGIVING



NOVEMBER BRAIN TEASER

"A special prize awaits the first Club Member to submit the correct answer to this month's Brainteaser to the Treasurer via E-mail. He 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

OCTOBER BRAINTEASER ANSWER

Mount Everest. It just hadn't been discovered.

The winner is Rich / N3UB



NOVEMBER BRAINTEASER

A child is born on December 27th, yet her birthday is always in the summer, How is this possible?



NOVEMBER 2010 QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 DLARC RACES/ARES Net (K3GMT)	4 DLARC MEETING	5 V.E. SESSION	6
7	8	9	10 DLARC RACES/ARES Net (WO3P)	11	12	13 Woman's 5 K Walk
14 NewsLetter Articles Deadline	15	16	17 DLARC RACES/ARES Net (KB3CTX)	18 Executive Committee Meeting	19	20
21	22	23	24 DLARC RACES/ARES Net (W3CE)	25 Happy Thanksgiving	26	27
28	29	30				

THE AMY ZIMMERMAN AWARD

Each March in Memory of **Amy Zimmerman / KD3TI**, the DLARC Executive Committee seeks to present The Amy Zimmerman to an amateur radio operator "**In Appreciation For Unselfish Services Rendered To Amateur Radio And The Community**". The Executive Committee would like your input into this process by having you nominate an amateur radio operator who has exhibited these traits though out this past year. If you would like to nominate someone, please give their name to one of the board members by the January 2011 general meeting.

FOUR NEW DXCC ENTITIES

Dissolution of Netherlands Antilles Creates Four New DXCC Entities

The dissolution of the Netherlands Antilles has caused changes to the DXCC List. As per the DXCC rules, the two Netherlands Antilles DXCC entities will be deleted and moved to the Deleted Entities List.

Four new entities will be added to the DXCC List: (1) **Curacao**; (2) **Sint Maarten**; (3) **Saba and St Eustatius**, and (4) **Bonaire**. The event date and time for these changes was 0400 UTC, October 10, 2010.

Confirmations for these new entities will be accepted for credit starting January 1, 2011. Other administrative changes and actions will be announced as they are finalized.

FIRST STRIDES WOMEN 5K WALK / RUN

November 13th, 2010 at 09:00 hours EST.

Hanover Township Community Center 3660 Jacksonville Road Bethlehem, PA 18017.

Benefits Breast Cancer. Contact **N3WYO**, **Charlie**, n3wyo@ptd.net for more information or to sign up.

NOVEMBER 7th, 2010 AT 2 AM, DAYLIGHT SAVING TIME ENDS

Every spring we move our clocks one hour ahead and "lose" an hour during the night and each fall we move our clocks back one hour and "gain" an extra hour. But Daylight Saving Time (and not Daylight Savings Time with an "s") wasn't just created to confuse our schedules.

The phrase "Spring forward, Fall back" helps people remember how Daylight Saving Time affects their clocks. At 2 AM. on the second Sunday in March, we set our clocks forward one hour ahead of Standard Time ("Spring forward"). We "Fall back" at 2 AM on the first Sunday in November by setting our clock back one hour and thus returning to Standard Time.

The change to Daylight Saving Time allows us to use less energy in lighting our homes by taking advantage of the longer and later daylight hours. During the eight-month period of Daylight Saving Time, the names of time in each of the time zones. change as well. Eastern Standard Time (EST) becomes Eastern Daylight Time, Central Standard Time (CST) becomes Central Daylight Time (CDT), Mountain Standard Time (MST) becomes Mountain Daylight Time (MDT), Pacific Standard Time becomes Pacific Daylight Time (PDT), and so forth.

Daylight Saving Time was instituted in the United States during World War Iave energy for war production by taking advantage of the later hours of daylight between April and October. During World War II the federal government again required the states to observe the time change. Between the wars and after World War II states and communities chose whether or not to observe Daylight Saving Time. In 1966, Congress passed the Uniform Time Act, which standardized the length of Daylight Saving Time.

Daylight Saving Time is four weeks longer since 2007 due to the passage of the Energy Policy Act in 2005. The Act extended Daylight Saving Time by four weeks from the second Sunday of March to the first Sunday of November, with the hope that it would save 10,000 barrels of oil each day through reduced use of power by businesses during daylight hours. Unfortunately, it is exceedingly difficult to determine energy savings from Daylight Saving Time and based on a variety of factors, it is possible that little or no energy is saved by Daylight Saving Time.

Arizona (some Indian Reservations), Hawaii, ,Puerto Rico, the US Virgin Islands , and American Samoa have chosen not to observe Daylight Saving Time. This choice does make sense for the areas closer to the equator because the days are more consistent in length throughout the year.

NOVEMBER CONTESTING AT THE OK CORRAL



November 6th - 8th – ARRL Sweepstakes - CW
November 13th & 14th – CQ WE Contest
November 20th & 21st – YO International PSK 31 Contest
November 27th & 28th – CQ World Wide DX Contest - CW



EASTON GARLIC FESTIVAL 2010

Easton's one and only stink fest!

The idea of running a special event station at the Garlic Fest was **Bob / NE2C**. The board was unanimously in favor of participating in the festival simply for the public exposure and attracting new membership. Throughout the ensuing year, Bob the chairman and myself as co-chairman started our plans to make the event happen. In May, I contacted the ARRL and reserved W3G "whiskey 3 garlic" for the weekend of October 2, 2010. Throughout the summer we had a great list of volunteers: **George / N3SQD**, **Dave / K3GMT**, **Gary / N2AUO**, **Lyle / KB3SXI**, **Ben / KB3CTX**, **Jay / N3OW**, **Al / W3CE**, **Doreen / KB3PDL**, **Rich / N3UB**, and of course **Bob / NE2C** the program chairman and myself

The Event Saturday morning.....BEAUTIFUL WEATHER.

Dave brought his Flex 3000 and I brought my K-3. Studying the area of Center Square in Easton, most of us thought it would be tough getting a decent signal out, but set up was very easy. Propagation wasn't the best. However, we managed to set up 20 and 40 meter Dipole Antennas and operated on those bands. During the event we made about 140 contacts and we requested how bad our signal stinks HI HI. We operated with garlic laced antennas, Hams around the USA. and also the world confirmed our stinking signal reports!. Our operating started at about 10 am until 5 pm. We had a lot of fun. During the event a Japanese amateur **Toshi Kunisada / JK1ERA** visited us. **Bob / KE3AW** Operated for a while, **Barry / KU3X** stopped by with his wife for a visit. We had quite a few onlookers and other folks taking a minute to stop and see what we were doing.

Foods

There were many different foods from garlic chocolate chip cookies to garlic crab cakes and fries. If that wasn't enough there were the Adult beverages that included garlic and vinegar shots for virility as well as beer and wine for the tasting.

During the event we all enjoyed the crisp fall weather and had a great time operating. I would like to send thanks out to all the volunteers who without their support and help, this event would not have been the great success that it was. The chairperson of the Garlic Festival was very happy with our operation and they would like to see us back next year. The event did not receive much press attention. Perhaps we can help with that before the festival to promote it in 2011. People from Seattle Washington to Italy did hear about the Garlic Festival! **W3G got the word out!!!!!!!!!!!!!!**

de **Jon / N3INJ**

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 **Roy Moss / G7UVO/3** and **Don Tewell / W3IKL**..

NOVEMBER MEETING PROGRAM

Electronic packages and sub assemblies are supplied to Raytheon Missile Systems, (RMS) and other OEM's such as Lockheed Martin, and so on. They buy the component parts at the highest level of integration possible. RMS "Tucson" manufactures the Tactical Tomahawk, capable of loitering over its target, and guided by a TV camera. SM6 is the latest over-the-horizon interceptor that utilizes these systems. Mel, "I love the smell of Plutonium in the morning!" **Me! / WS3Q**, will show video of test strikes, and bad guys getting theirs! (Due to graphic content, viewer discretion is strongly advised.)

ONE OF THE DUMBEST THINGS I EVER DONE IN HAM RADIO

By Dan Romanchik, KB6NU

Mark, W8MP, and I often argue about what's dumber—his county hunting or my collecting QSL cards from stations whose call signs spell words. It's one of those arguments that will never be won. When you get right down to it, they're both pretty dumb.

Well, one Wednesday morning, I got a call from Mark. He asked, "Hey, want to do something really dumb tonight?" When I asked what he had in mind, he replied, "Well, one of my county hunter friends, Tim, W8JJ (he's the guy looking nervous in the black cap below), claims to have confirmed all 3,077 counties. He needs at least two General Class (or higher) hams to check his QSL cards and sign off on his application for the USA-CA award sponsored by CQ magazine. I guarantee that this will be one of the dumbest things that you ever do in ham radio. I also guarantee that it will be a lot of fun."

After a fine salmon dinner with some very chewy noodles (that Mark claims his son, KD8EEH insisted that he make), we cleared the table, and Tim got out his box of cards. Mark then explained how we should proceed. I was kind of curious about this, as it's clearly impossible to check all 3,077 QSOs in a single evening.

Basically, what the two checkers are supposed to do is to check random contacts until they are satisfied that the applicant does indeed have a QSL from all 3,077 counties. To select the contacts, you might choose counties where you lived, or counties that you have visited. I hit on the idea of having Tim produce the confirmations of all 16 counties in Massachusetts. Clark, who is more familiar with which counties are the most difficult to confirm, asked Tim to produce cards from some rare counties in Colorado and Hawaii.

Above all, though, the idea is to give the applicant as much grief as possible during the process.

Mark came up with the idea of calling several county hunters that he had phone numbers for and asking them to verify in their logs some of the QSOs that Tim was claiming. He first phoned Jim, N9JF, and we asked him about a 44 report that he'd given Tim seven years ago. He wasn't near his logbook, but he said that he did remember that contact and even rattled off the county (Wahkiakum, WA)!

Next, Mark phoned Guff, KS5A, who confirmed a contact, but was off by almost seven minutes. A long discussion ensued regarding the details of how a mobile logs contacts while out driving. In the end, we accepted the seven-minute discrepancy.

Finally, Mark phoned Larry, W0QE, to confirm a few of the MRCs that Tim had from him. (MRCs are records of multiple contacts. Using them instead of QSL cards makes the process of managing all these QSLs a lot easier.) Mark joked that it looked like one of the MRCs had a forged signature. Larry replied that all of his MRCs are stamped.

"Aha," Clark exclaimed, "this MRC doesn't have a stamp!"

I don't know what was going through Tim's mind at this point, but it probably wasn't good. Larry then explained that he probably sent out that MRC before he got the stamp. When we confirmed those dates, I think Tim breathed a little easier.

In the end, Clark and I signed off on Tim's application. And, even though Mark and I joke about how dumb this activity is, it's really only a joke. In my mind, it's quite an achievement. It takes a lot of persistence, too. It took Tim nearly ten years to do it.

Another cool thing about the county hunting sub-culture is the camaraderie amongst the county hunters. It's the nature of the beast that you'll be contacting many of them multiple times, and it's inevitable that you'll make friends with many of them.

As we were leaving, Tim said, "My wife asked me the other day if I could get now get rid of all my radios since I've talked to everybody." She obviously doesn't understand this ham radio sub-culture. Tim's only just begun.

2010 EMMAUS HALLOWEEN PARADE

The 2010 Emmaus Halloween Parade was held on Saturday evening, October 16, in near-perfect weather conditions, for thousands of people who lined curbside to watch the 1 3/4 hour parade. To overcome past experiences of RF dead-spots we used a cross-band (2 meter/440) repeater.

From the prompt start to the final collection of the signs, and then our ham gathering at Perkins Restaurant as the night's finale for those who could attend, the event was a big success.

For the record, the hams participating on Saturday evening were **Mark / AK3M, Larry / NR3R, Pete / NL7XM, Chris / NU3L, Dave / KA3IWC, Jeff / KB3OCP, Lyle / KB3SXI, Pei / AB3FY, Gary / N2AUO, Dave / N3EYT, Louis / KB2VCI, Doreen / KB3PDL, Ed / AA3OU, Glenn / N3ULW, Jill / N3ZSR, Jay / N3OW, Tracy / KB3TAE, Brandon / KB3SXX, Howard / WO3P** (Net Control), **Bob / KE3AW**, and others: YLs, XYLs, children, grandchildren, other relatives and friends.

On stand-by, just in case of a last minute problem, were **Greg / KB3QFA** and **Wendell / KB3UNB**. Assistance and housing of the cross-band repeater, **Phil / KB3PDM** and **AI / W3CE**.

We had quite a turn-out! I hope all enjoyed a good time, while performing the serious business of parade communication.

De **Bob / KE3AW**

SEARCH FOR EXTRA TERRESTRIAL INTELLIGENCE USING YOUR PERSONAL COMPUTER AT HOME

Part 3

Mike Schaffer / KA3JAM

The discontinuation of the SETI@home Classic platform has rendered older Macintosh computers running pre-Mac OS X versions of the Mac operating system unsuitable for participating in the project. Since computers now have the power for more computationally intensive work than when the project began, this new version is more sensitive by a factor of two with respect to Gaussian signals and to some kinds of pulsed signals than the original [SETI@home](#) Classic software.

The new application has been optimized to the point where it will run faster on some work units than earlier versions. However, some work units (the best work units, scientifically speaking) will take significantly longer.

In addition, some distributions of the SETI@home applications have been optimized for a particular type of CPU. They are referred to as "optimized executables" and have been found to run faster on systems specific for that CPU. As of 2007, most of these applications are optimized for Intel processors (and their corresponding instruction sets).

The results of the data processing are normally automatically transmitted when the computer is next connected to the internet; it can also be instructed to connect to the internet as needed.

On September 26, 2001, SETI@home had performed a total of 10^{21} floating point operations. It is acknowledged by the Guinness World Records as the largest computation in history. With over 278,832 active computers in the system (2.4 million total) in 234 countries, as of November 14, 2009, SETI@home has the ability to compute over 769 teraFLOPS.

For comparison Cray Jaguar, located at the Department of Energy's Oak Ridge Leadership Computing Facility, held on to the No. 1 spot on the TOP500 with its record 1.75 petaflop/s performance speed running the Linpack benchmark. Jaguar has a theoretical peak capability of 2.3 petaflop/s and nearly a quarter of a million cores. One petaflop/s refers to one quadrillion calculations per second.

There is currently no government funding for SETI research, and private funding is always limited. Berkeley Space Science Lab has found ways of working with small budgets and the project has received donations allowing it to go well beyond its original planned duration, but it still has to compete for limited funds with other SETI projects and other space sciences projects.

At present, SETI@home procures its data from the Arecibo Observatory facility operated by the National Astronomy and Ionosphere Center and administered by Cornell University. The decreasing operating budget for the observatory has created a shortfall of funds which has not been made up from other sources such as private donors, NASA, other foreign research institutions, nor private non-profit organizations such as [SETI@home](#).

The National Science Foundation has made it clear the Arecibo will close in 2011 without such funds, and therefore the present data stream for SETI@home would cease in that situation.

Will you be the first human to be credited with your PC detected an alien signal from the heavens?

73's

Mike Schaffer / KA3JAW

Tampa, Florida

EL87

(Ed: Note: Mike is the son of DLARC member, Bob / KA3JAV and a former member himself.)

OCTOBER MEETING PROGRAM

Rich Moesen / W2VU, editor of CQ Magazine was our guest for the meeting. Rich spoke of our hobby and the supposed decrease in interest and activity. The lack of youth and the growth of seniors was part of this decrease. Yet there are more hams today than in the 1960s which was the "Hey Day" of ham radio. And the growth rate is at a high. His experience which includes traveling around the country promoting his magazine and the hobby has revealed just how interest is growing. Maybe not they way it had in the past, but the grow is in the various sub cultures of the hobby. Remember all the difference reason hams are in the hobby, So a ham may not rag chew, but be involved in emergency communications or chasing DX, what ever. It is still Amateur Radio and regardless your interests there is some there for you.

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.

CHRISTMAS CITY SPECIAL EVENT STATION – 2010

December 11th & 12th are the dates for this year's Christmas City Special Event Station. **Louis / KB2VCI** is chairing this event again this year, and will be in need of operators, loggers and goodies for the attending members. There will be a sign up sheet at the meeting and be sure to sign up. Signing up early will guarantee your time slot for this event. More details will be available at a later date.

NEWS FROM THE MILK HOUSE

Another busy month. The Milk House hosted over 150 visitors.

Jon / N3INJ brought his new Elecraft K3 to the Milk House. Many members took the opportunity to learn about this rig and to try it out. The receiver and filtering are fantastic (50hz filter in CW mode with no ringing!). The rig is very user friendly with most of the controls use multifunction buttons and knobs. Jon will make a presentation at a club meeting early next year to give us a hands on a demonstration of the rig. By the way Jon has worked European Russia and several other countries on 500 milliwatts using this rig.



Dave / K3GMT is operating a new Ameritron 811h amplifier and MFJ-998 legal limit auto tuner. The 811h max output is 800 watts on 120v (12 amp draw). The MFJ-998 is capable of 1500 watts. Coupled with automatic tuning, the tuner can operate hands even when frequency and band changes are made. The MFJ-998 includes amplifier bypass control. If SWR exceeds a user specified limit the amplifier stays bypassed to provide automatic SWR protection for the amplifier.



Contest season has begun and many members helped each other to prepare their stations and computers for the PA QSO party. The Milk House operated during the CQ WW RTTY, IARU Region 1 Field Day SSB, and WAE DX SSB contests in September.

The Milk House will operate during the following contests in October and November

- CQ Worldwide DX Contest, SSB 0000Z, Oct 30 to 2400Z, Oct 31
- ARRL Sweepstakes Contest, CW 2100Z, Nov 6 to 0300Z, Nov 8
- CQ Worldwide DX Contest, CW 0000Z, Nov 27 to 2400Z, Nov 28

Working a contest is a great way to fill up your log book. If you chase awards, contesters are very good about confirming QSOs (Log Book of the World, eQsl, or QSL cards). Remember more DX contacts are made with 100 watts and a wire than an amp and a beam. Give it a try from your home station or at Milk House.

Remember the Milk House is open every Tuesday and Wednesday evening and most Saturdays. Stop by and see your club station.

de **Dave / K3GMT**

UPCOMING EVENTS FOR NOVEMBER

November 2nd - Election Day *** Get out and Vote!

November 7th - Daylight Savings Ends

November 13th - First Strides Woman's 5 K Walk / Run

VE TEST SESSION

There will be a test session this month on November 5th 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@arrl.net.

YOUR EXECUTIVE COMMITTEE FOR 2011

Returning from 2010 are, **George / N3SQD** as President and **Ben / KB3CTX** is Vice President. **Doreen / KB3PDL** is the new Secretary and **Mike / KB3LOD** is the new Treasurer. The Board of Directors are returning **Bob / NE2C**, **Jon / N3INJ** and **Jay / N3OW**. With **AI / W3CE** as past President member. New comers are **Gary / N2AUO** and **Jeff / N3QO**. They will need your help and assistance to keep the DLARC moving on ward and upward.

GOOGLE DIRECTORY ASSISTANCE

Just leave it up to Google to come up with something like this!!!

Here's a number worth putting in your cell phone, or your home phone speed dial: 1-800-goog411 or 1-800-466-4411. This is an awesome service from Google, and it's free -- great when you are on the road. Don't waste your money on information calls and don't waste your time manually dialing the number. I am driving along in my car and I need to call the golf course and I don't know the number. I hit the speed dial for information that I have programmed (1-800-goog411). The voice at the other end says, "Say the name of the business and the City & State." I say, "Firewheel Golf Course, Garland, Texas." He says, "Connecting," and Firewheel answers the phone. How great is that? This is nationwide and it is absolutely free! Works on cell and landline phones.

Click on the link below and watch the short clip for a quick demonstration..

<http://www.google.com/goog411/>

SUGGESTIONS FOR DX PILE-UPS

1. The DX station operators are in charge of any pile-ups.
2. The DX station should make and adhere to their operating rules quietly and respectfully.
3. The DX station should use, when appropriate, call areas and areas of the world for better accuracy, rate and order.
4. The DX station should use, split operation and spread stations out, keeping in mind others not in the pile-ups. A MUST.
5. The DX station should give their call sign at least every 10 minutes and maintain a pattern especially when ending a QSO.
6. The DX station should create a rhythm or timing which maintains a good rate and allows the pile-up to call at the right time.
7. The operators in a pile-up, if not sure of a QSO, should dupe and the DX operator continue not wasting time commenting.
8. The DX station should work those who will create the fastest rate, at least at first, then make an effort to work the weaker stations.
9. No one should lecture on the air.
10. Everyone should always require and give full calls
11. Know and practice the gray line.
12. Know the equipment being operated such as the split button, audio levels, keying wave forms, etc.
13. NEVER be a "KC Cop" ... Never
14. Operators giving spots on a DX Cluster should insure their accuracy!
15. Keep away from personal, political and religious comment any time on the air and/or the DX Cluster. Keep all comments in the true spirit of ham radio whereby ALL ARE EQUAL.
16. Don't rush when giving your call when the DX station is standing by, especially on CW. Time is lost trying to obtain ALL of a call sign.
17. Don't call the DX station constantly. Get in the rhythm.
18. Let the last station complete his QSO.
19. Use only the power it takes and figure out what that is!
Figure out the DX operator's operating practice for greater success.

THE MANY USES OF COFFEE

Neutralized Odor: Ground coffee absorbs moisture and replaces an offending odor with the smell of coffee. Hang a cheesecloth pouch filled with cool used ground in the cabinet where garbage is kept.

Stress Buster: Inhaling the scent of roasted coffee beans eases stress and produces a natural relaxation response.

Skin Exfoliant: Mix one cup of ground coffee, one-half cup of sugar and one-half tablespoon of jojoba oil. Apply the mixture to your body, and gently rub in a circular motion. Rinse and pat dry.

ABBOTT & COSTELLO 2010

If Bud Abbott and Lou Costello were alive today, their infamous sketch, 'Who's on First?' might have turned out something like this:

COSTELLO CALLS TO BUY A COMPUTER FROM ABBOTT

ABBOTT: Super Duper computer store. Can I help you?

COSTELLO: Thanks I'm setting up an office in my den and I'm thinking about buying a computer.

ABBOTT: Mac?

COSTELLO: No, the name's Lou.

ABBOTT: Your computer?

COSTELLO: I don't own a computer. I want to buy one.

ABBOTT: Mac?

COSTELLO: I told you, my name's Lou.

ABBOTT: What about Windows?

COSTELLO: Why? Will it get stuffy in here?

ABBOTT: Do you want a computer with Windows?

COSTELLO: I don't know. What will I see when I look at the windows?

ABBOTT: Wallpaper.

COSTELLO: Never mind the windows. I need a computer and software.

ABBOTT: Software for Windows?

COSTELLO: No.. On the computer! I need something I can use to write proposals, track expenses and run my business. What do you have?

ABBOTT: Office.

COSTELLO: Yeah, for my office. Can you recommend anything?

ABBOTT: I just did.

COSTELLO: You just did what?

ABBOTT: Recommend something.

COSTELLO: You recommended something?

ABBOTT: Yes.

COSTELLO: For my office?

ABBOTT: Yes.

COSTELLO: OK, what did you recommend for my office?

ABBOTT: Office.

COSTELLO: Yes, for my office!

ABBOTT: I recommend Office with Windows.

COSTELLO: I already have an office with windows! OK, let's just say I'm sitting at my computer and I want to type a proposal. What do I need?

ABBOTT: Word.

COSTELLO: What word?

ABBOTT: Word in Office.

COSTELLO: The only word in office is office.

ABBOTT: The Word in Office for Windows.

COSTELLO: Which Word in office for windows?

ABBOTT: The Word you get when you click the blue 'W'.

COSTELLO: I'm going to click your blue 'w' if you don't start with some straight answers. What about financial bookkeeping? You have anything I can track my money with?

ABBOTT: Money.

COSTELLO: That's right. What do you have?

ABBOTT: Money.

COSTELLO: I need money to track my money?

ABBOTT: It comes bundled with your computer.

COSTELLO: What's bundled with my computer?

ABBOTT: Money.

COSTELLO: Money comes with my computer?

ABBOTT: Yes. No extra charge.

COSTELLO: I get a bundle of money with my computer? How much?

ABBOTT: One copy.

COSTELLO: Isn't it illegal to copy money?

ABBOTT: Microsoft gave us a license to copy Money

COSTELLO: They can give you a license to copy money?

ABBOTT: Why not? THEY OWN IT!

(A few days later)

ABBOTT: Super Duper computer store. Can I help you?

COSTELLO: How do I turn my computer off?

ABBOTT: Click on 'START'.....

F.Y.I.

The winners of the October Prizes were **Brad / W3JXQ, Jon / N3INJ, Dave / K3GMT, Kerry / No Call and Tracy / KB3TAE**

The December Program will be the annual Christmas Party

The D.L.A.R.C. meets the "FIRST" Thursday of each month. Membership, friends and interested persons meet at the Nancy Run Fire Company Social Hall (3564 Easton Avenue, 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 Milkhouse phone number is 484-895-7038.

EXECUTIVE COMMITTEE 2009 – 2010

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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 Nancy Run Fire Company
TALK IN ON 146.700 (PL 151.4)

THE W3OK TRUSTEE --- DON REAMER / KA3JWE

**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.

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