

DELAWARE LEHIGH AMATEUR RADIO CLUB Inc.
AUGUST 2016



W3OK

CORRAL

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

AUGUST MEETING PROGRAM
“Inventors Of Communications”
Doreen / K3PDL



“The Real T42US Story”
John / KK4SHF – Stephanie / WX3K – Ruth / KC4BAB



MINUTES FROM THE JULY MEETING

A general membership meeting of the Delaware-Lehigh Amateur Radio Club Inc. (the Club) was held on July 7, 2016, at the Bethlehem Township Community Center located in Bethlehem Township, Pennsylvania.

Call to Order: Bill / W3MJ President, called the meeting to order at 1930 hrs.

Pledge of Allegiance: Led by Bill/ W3MJ.

Member Happenings: Jay / N3OW related that Gary / N2AUO had suffered a stroke and was in St. Lukes, Fountain Hill.

Stephanie / WX3K said she would be activating The Gateway National Rec Area—RC08 for NPOA on Sunday July 10.

NPOA: Mark / W2MB announced that the Club participation at the Delaware Recreation area at the Water Gap in Bushkill, PA was a resounding success. 15 members participated and 260 contacts were made.

Approval of the Minutes: Larry / AB3TY asked if there were any additions or corrections to the minutes as they appeared in the last newsletter. Bill / W3MJ asked for a motion to approve the minutes of the last meeting.

Motion: It was moved by Mark / W2MB, second by Jay / N3OW. **Motion carried.**

Treasurer's Report: Mike / KB3LOD presented the Treasurer's Report for May. Bill / W3MJ asked for a motion to accept the report as read.

Motion: It was moved by Dave / NB3R, second by Pete / KC3EVL. **Motion carried.**

Club Station: No issues were reported.

Club Repeater: No issues were reported.

Website: No issues were reported.

Membership Report: Frank / W3WOW announced the following new members: Danny Waldrop / KC3BXG, his XYL Darleene Waldrop who is studying for her tech license, and David Dunay / KD2KRY. Frank said that there was a sheet available to update any member information such as call sign, email, and phone. Bill / W3MJ. asked for a motion to accept the new members.

Motion: It was moved by Jay / N3OW, second by Dean / KC3FXC. **Motion carried.**

Visitors: Tom / W3TOM (ARRL Atlantic Division Director) and his XYL Deborah / KA3VNF. Andrew, John / W3OAB, Joel / N3GXY, Jacek and Marzenna Ostrowsky.

Education V.E Classes: Bob / KE3AW said the Spring classes will begin Sept. 6. For 9 weeks. The 10th session will be a V.E. session.

Field Day: Barry / KU3X said Field Day was a success with qudos to Jo Ann / ND3JJ for the food provided. Dave / NB3R said there were 3 stations in operation collecting 933 Qs. Skip / W1PV, Blair / K3YD, and Jay / N3OW accounted for almost half of the contacts. Roy / W0ROY at the GOTA station brought 100 bonus points. Steve / NS3L made 7 satellite contacts.

Club Trip: Doreen / K3PDL announced the trip to the Sussex County Fair grounds for the Hamfest on July 17 will leave at 7:30 from the Park and Ride on RT. 33.

Club Station Beam Antenna: A proposal approved by the Board to place a rotatable beam on the 100ft tower adjacent to the Club station was made by Dave / NB3R included the following equipment:

Antenna	Bencher Skyhawk (20-15-10)
Rotator	Prosistel 2051
Rotator controller	Green Heron RT-21-CDE
Rotator cable	8 conductor #16 AWG (200ft)
Thrust bearing	Ron 2" OD
Bearing plate	
Mast	

Dave related the necessary modification work on the existing tower and positioning of the beam will be provided by Charlie Adams / K3HKZ at no expense to the Club. The estimated cost for buying of the equipment is \$3417.00

Dave / NB3R asked for a motion to accept the proposal to purchase the above-mentioned equipment.

Motion: It was moved by Mark / N2MB, second by Pete / KC3EVL. A discussion ensued. The vote to approve was unanimous. **Motion carried.**

Pete's Corner: Pete / NL7XM presented his book of interest. This month's pick is *33 Simple Weekend Projects* by Dave Ingram / K4TWJ.

W3OPO Contest Station: Bill / K3ANS urged everyone to look up W3LPL on the Web and view the tremendous station with its elaborate antenna farm.

Computer Issues: George / N3SQD urged every computer user to take safeguards against the threat of Ransomware. Several members added to the discussion.

Adjournment: There being no further business before the Club, the meeting adjourned the meeting at 2006 hrs.

Respectfully submitted by Larry / AB3TY, Secretary

VE TEST SESSION

There will not be a test session this month. The next test session will be September 9th at 7 PM at the Northampton County 911 center. Pretest registration is required. Contact Dean / N3HOG at dk28@ptd.net

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 Danny Waldrop / KC3BXG, Darleene Waldrop / No Call yet and David Dunay / KD2KRY.

AUGUST QUICK CHECK CALENDAR

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1	2	3 DLARC Net (KC3II)	4 DL ARC MEETING 7:30 PM	5 NO VE SESSION	6
7	8	9	10 DLARC Net (N3SQD)	11	12	13
14	15	16	17 DLARC Net (KB3CTX)	18	19	20
21	22	23	24 DLARC Net (K3PDL)	25 DLARC BOARD MEETING	26	27
28 DLARC PICNIC	29	30	31 DLARC Net (KB3WYJ)			

AUGUST CONTESTING AT THE OK CORRAL



- August 6 & 7 – 10 – 10 Int. Summer Contest - SSB
 - North American QSO Party - CW
- August 13 % 14 – WAE DX Contest - CW
 - 50 MHz Fall Sprint
- August 20 & 21 – ARRL 10 GHz and up Contest
 - CVA DX Contest - CW
- August 27 & 28 – YO DX HF Contest
 - SCC RTTY Championship



D.L.A.R.C. PICNIC

The annual D.L.A.R.C. Picnic will be held on Saturday August 28th at Louise Moore Park. This is the same location as last year's picnic and this year's Field Day. In Pavilion 5, Details to follow at the August meeting.

FCC SAYS “NO” TO LIFETIME AMATEUR RADIO LICENSES

The FCC has denied the petition of an Arizona radio amateur, who had petitioned for lifetime Amateur Radio licenses. Mark F. Krotz, N7MK, of Mesa, had filed his Petition for Rule Making (RM 11760) with the FCC last November, and the FCC invited public comments in February. Krotz wanted the FCC to revise Part 97.25 of its rules to indicate that Amateur Radio licenses are granted for the holder's lifetime, instead of for the current 10-year term. Hundreds of radio amateurs commented on the petition, but the FCC was not swayed by those favoring the idea.

"Based on our review of the record, we are not persuaded that the petition discloses sufficient grounds for the requested rule change," the FCC said in a June 21 Order. "Krotz's primary argument is that extending the term of amateur licenses to the lifetime of the holder would reduce the Commission's administrative and personnel costs, but it is not clear to us that the proposal actually would enhance administrative efficiency." That's because the vast majority of license renewals are submitted online and processed automatically by the Universal Licensing System (ULS), "with minimal staff involvement," the Order said.

The Order can be found on the web in PDF format at,

http://transition.fcc.gov/Daily_Releases/Daily_Business/2016/db0622/DA-16-707A1.pdf

The FCC said it had further reduced its overhead by no longer routinely mailing out paper licenses. "[I]f license terms were extended to the holder's lifetime, we likely would receive more cancellations on account of the licensee's death, which are labor-intensive, because staff must carefully verify the deceased's identity and licenses in order to guard against erroneous cancellations," the FCC said in its Order, signed by Wireless Telecommunications Bureau Deputy Mobility Division Chief Scot Stone.

Krotz argued that the General Radiotelephone Operator License (GROL) already is issued on a lifetime basis, but the FCC said that's not a comparable situation, because an Amateur Radio license is both an operator's license and a station license, "and there is no Commission precedent for issuing a lifetime station license."

In 2014 the FCC granted lifetime credit for examination elements 3 and 4, but applicants seeking relicensing under that provision still must pass examination element 2. The FCC pointed out in its Order that this was done to address the concerns of commenters that a licensee who had not renewed also may not have maintained or expanded his or her knowledge and skills.

JULY PROGRAM REPORT

THE REAL T42US STORY

John / KK4SHF, Ruth / KC4BAB and Steohanie / WX3K

John, Ruth, and Stephanie, presented a program detailing the first American amateur radio operation in Cuba in at least 55 years. It was in the form of a dexpedition to Havana to operate in the 2015 CQ WW DX SSB contest.

They presented slides and a great commentary their experiences. Both amateur radio and people to people, with successful results from both endeavors.

The venture was not without a few snags, but determination and a little luck prevailed and T42US got on the air and participated in the contest.

When they arrived they they held a U.S.VE session, testing the Cuban amateur radio operators who were assisting in the station set up, which included radios and antenna setups. All this was in a beach house outside Havana. While they were setting up they also got on the air and made some contacts for testing. During the contest the Cuban operators also were on the air, but not as T42US.

A good time was had by all, Havana however presented a little culture shock. The biggest thing was the prevalence of 1950's and older cars. Some of which still looked like they just got off the dealer's showroom floor, . The people had been doing everything known to man and then some to keep them running.

The people themselves were a pleasure to be around, but the hardships faced were quite evident. In the ham radio hobby the prevalence of homebrew equipment was quite evident, but again, they over came and are able to enjoy our hobby

Once again, if you missed our monthly program, you missed a good one.

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

de Pete / NL7XM

JULY BRAINTEASER ANSWER

90.25

Winner – Arlen / WI5S

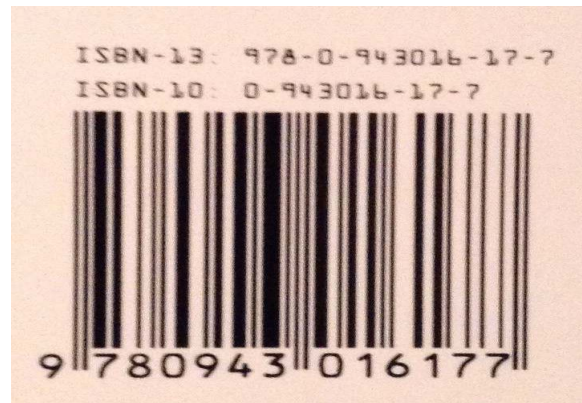
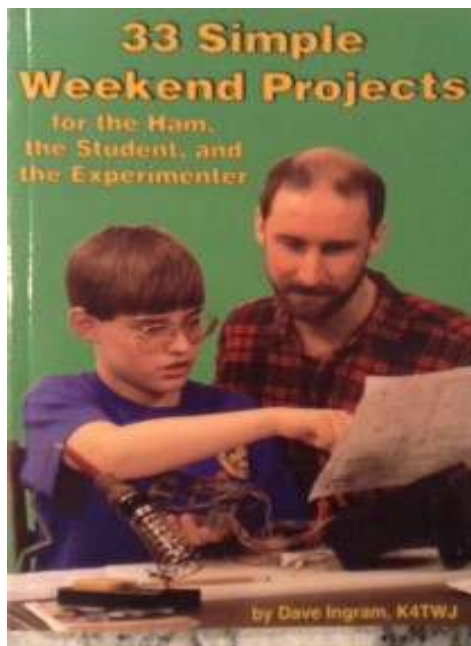
AUGUST BRAINTEASER

Two different numbers total 225, and have a ratio of 2 to 13.

What are they?



PETE'S BOOK OF THE MONTH FOR AUGUST



THE GREAT FLOOD OF 1955
Amateurs by the Thousands Come to the Aid of Stricken Communities
QST December 1955 -- George Hart / W1NJM
PART 1

Noah Webster's dictionary defines a flood "a great flow of water". About 2000 amateurs in the northeastern United States have experienced one of the most disastrous floods in our history, can add to that definition. They can tell you that it is not just water, but that it also includes mud, oil, debris, filth and contamination in the form of dead poultry, farm animals, rats and sewer back-up. They can also tell you that when the water recedes and leaves all this evil smelling flotsam in the yards, on streets and in houses inundated during the high water. The result is a sudden sogging mess wherever one looks; mess that must be cleaned up quickly, before it's content of disease germs can become a menace to public health; mess that disheartens and discourages all who observe it.

And they can tell you also there is no power on earth so ferocious as this debris and filth laden water on a rampage. It sweeps houses away like paper, tears down bridges carrying communication cables, inundates power stations, washes out or splinters poles carrying communications and electrical wires. No disaster has ever done a more complete job of disrupting communications than the Diane flood of August, 1955. And never have the amateurs arisen in greater numbers to fill the communication gap until a semblance of normality would be restored.

It all began on Thursday, August 18, when the remnants of a dying tropical hurricane began to spill, in the form of torrential rain, over the country sides of northeastern United States. Over most of the areas it rained all Thursday night and far into Friday – 9 inches in Philadelphia, 12 inches in Pennsylvania's, Pocono Mountain summer resorts, 14 inches in the Connecticut! After Connie's heavy rains, there was no place for all that water to go. Every little brook swelled to become a raging torrent, and angrily spilling its contents into larger creeks, which spilled them into the river. Placid rivers rose rapidly to overflow their banks and crest as much as 43 feet above normal. Not only did the water rise, but also increased the velocity of its flow, so that riverside roads and buildings were undermined, swept away or damaged beyond repair, if not beyond recognition. Current in the Delaware river was estimated at 30 mph. As many bridges were swept away as remained standing. Every road which passed over the smallest brook (and that included most roads) became impassible.

Connecticut, Eastern Pennsylvania and Western New Jersey received the most damage, probably in that order of severity. Listening on the amateur bands during and just after that high water, one would have thought that every amateur in the Northeast was active, such was the turnout of operators wishing to assist. Operation was conducted on 80m CW, 75m phone, 10m and 2m for the most part. Most of it was good, resulting from previous practice in simulated or experience in real emergencies. Some of it was mediocre, indicating that there was lack sufficient practice. A little of it, was poor, indicating no previous practice or experience at all in time of emergency.

I wish there were room, here, to get a full vent to the glowingly descriptive material submitted by many of the amateurs who participated in emergency communications during and after the flood. There is, alas, room only for the facts, of which there are plenty. And as usual, we write on the basis of information received. If we don't know about it, we can't write about it. The brunt of the floods have been felt into two principal areas: the Delaware River Valley and the Connecticut. We will deal with them first, then turned to data from the seriously affected areas.

DELAWARE RIVER VALLEY

Fed by its swollen tributaries, many of which did considerable damage on her own, the Delaware River crested Easton at 43 feet above normal. This was enough to cover the riverside roads and many of the bridges enough to cause a loss of communications among the many of the communities along the river from Port Jervis to Trenton. Let's start at Port Jervis and work down the river.

During the high water itself, which occurred on Friday in the Port Jervis – Milford areas, little could be done except wait for the waters to recede. New York State Civil Defense. Radio officer W2BGO ascertained early that help is needed in the Port Jarvis, and drove there with W2TZ and W2HTT, carrying along equipment to set up several stations on 10 and 2 meters. The three operators were kept busy for hours, and the Port Jervis RACES group still in operation on August 26, after having started their work on August 18. Slightly downstream from Port Jervis is the little borough of Milford. One of the hardest hit of Delaware River communities, there is quite a story behind the emergency communications facility supplied by amateurs. W3NNT, SEC of Eastern Pennsylvania, was asked to go there by the Red Cross, who succeeded in providing Army helicopter transportation for him and for W3ZOM, who accompanied him. His equipment consisted of a small Field Day transmitter constructed by the latter. They set up at the firehouse, stringing antennas in the dark with the assistance of many other volunteers. Contact was made with W3PYF/3 at Easton and W3PQX at Bethlehem, de-isolating the isolated borough of Milford. Later, W3OK came on with a stronger signal. Later, W3NNT/3 at Milford operated steadily from 2130 to 0300, handling floods of official traffic. On Sunday, the work continued, with prospect of a comparatively long stay in Milford. As QRM increased on 75 meters, the FCC declared 3850 kc. an emergency frequency on a voluntary basis. This helped reduce the QRM, and in general cooperation was excellent, says W3NNT. However, on Sunday conditions got so bad in that they were reduced to using C.W., with W3OK Still on the receiving end. On Monday, with an ever increasing traffic load, a need was felt for more power or additional facilities. Health and welfare traffic was held up in favor of urgent requests for medicine, bulldozers, trucks, food supplies, in the like

Late Monday night (Aug. 22nd), W2APF, with K2HOK and K2EXB, came down from upstate New York with better equipment. This was quickly installed at W3NNT/3. On Tuesday morning, W2APF, W2HOK and K2EXB, with K2JNF has died, set out to reach Newfoundland, PA., Reportedly hard-hit. They found the child in shambles, contacted W3NNT/3 and a new flood of traffic descended. Mom mobiles were requested from Bethlehem and the Delaware Lehigh amateur radio club. Three mobiles (W3LCL, W3VSB, and W3ELH) arrived Wednesday morning, with W3ZBE as an extra operator, and would dispatch to disaster points in the area. W2DXD/M arrived later and was sent to Newfoundland to relieve W2APF,

who had to return to Albany. Hearing of the need for crystals for 3850 kc, W2IBH arranged in to have some especially ground by Polytech Devices and delivered by New Jersey State Police messenger. W3QMN and W3TCN, arrived in from Bethlehem, were sent to Newfoundland to assist, this town, as then being made the base of operations in the stricken area. Through a system of contacts using mobiles, portable and fixed stations, and pack sets, quite thorough coverage was affected throughout the stricken area. W3NNT/3 was closed down at 1915 on August 25th, after bringing the caravan of mobiles into Milford by that's circuitous routes to avoid washed out roads.

The appearance of W2APF and company in the Milford area was brought about by a request from K2EF via W2NOC for assistance. In Port Jervis. Finding Port Jervis in pretty good shape, they were asked to go on into Milford; thence, they were dispatched to Newfoundland. K2CQS and KN2LPN from Westchester County served some isolated towns surrounding Port Jervis with two meter contact.

On August 20th, W3YTM and W3RRI set up equipment at Red Cross headquarters in Honesdale, Pa. Finding phone channels congested, C.W. was used most of the time, 41 Red Cross messages is being handled on C.W. between 1705 and 2046. Equipment was a 75 W transmitter feeding a random length wire atop the Red Cross building. The station was closed on August 21th after telephone communications have been very established Newfoundland.

The Second Regional phone net, the Interstate Phone net and the New York State phone net combine forces to provide almost immediate contact with points in New York State.

Three babbling mountain brooks trickle into the Delaware near Stroudsburg, Pennsylvania. On August 18 the trickle became a muddy freshly, then a raging torrent as the rain continued to come down. Broadhead Creek, running between Stroudsburg and East Stroudsburg on its way to the Delaware, crested at 2 ½ times a previously record level. Telephone, electric and gas service became inoperative as the water swirled madly over the streets and destroyed the bridge across the creek. Upstream, at Camp Davis only nine of 46 people, mostly women and children, survived the roaring waters. More than 20 Main Rd. bridges and as many secondary bridges were swept away. With all available mobiles on the Stroudsburg's side, amateurs were at a loss as to how to maintain communications with East Stroudsburg, by Friday morning completely isolated W3LCY went into operation Friday morning to contact W3UA, state civil defense net control, to request help. At 1000 W3MAA obtained emergency power in East Brownsburg and became active on 75 m. by Friday evening, telephone service was partially restored into "Eastberg". K3WCQ at Tobyhanna Signal Depot was active and sent down some handcarried units. On Saturday W3PDJ arrived from Jenkintown with a 75 m portable and was ferried across the still raging creek, a most risky business. He set up shop in the East Stroudsburg jail (with doors unlocked). On Sunday several mobiles arrived from Bucks and Berks County, bringing kilometer portable gear with them. The mobiles were put to work in Stroudsburg, the portables. Across the street to "Eastberg". One was also taken to Analomink, near the Camp Davis site., shortly after that, another group led by W3BYF and W3LXM arrived on the scene to help

Although the telephone company did a highly competent job of quickly restoring communications, there was a need for amateur radio in the Stroudsburg area for fully a week after the floods struck. Radio officer W3MDO in his report mentions that many lessons were learned by the groups, and the wonderful cooperation by amateurs everywhere, both on-air and in person in helping out to out the stricken area..

K2LGF and K2IAM were operating from a summer camp near Blirstown, New Jersey W2TSN, in flooded Blirstown, deserves most of the credit for keeping the town in touch with the outside world, and kept KGF and IAM informed of road conditions, etc. K2KGF also mentions the work of W2ZQK at Warren County Civil Defense Headquarters as being most outstanding.

In the Easton – Phillipsburg area, the most populous area on the Delaware above Trenton, the River rose far into the business districts on both sides, of the two bridges, one had its middle span taken completely out as the river rose far above the traffic level and the others approaches were awash so that traffic between Easton and Phillipsburg was impossible during most of Friday and Saturday. Unfortunately, the washed out bridge also carried the master telephone cable between the two cities so that not only the communications out between them, but telephone communications within the city of Phillipsburg itself was completely cut off, all points being serviced from the Easton central exchange. In the civil defense team in Easton, under SCM and Radio Officer W3PYF, went into action, W3PYF/3 being activated at the Northampton County Courthouse. W3TWE was set up at Phillipsburg municipal building and mobiles placed at points of required communication, such as Warren County Hospital, toll bridge approaches, fire stations, etc. Based in control stations operating on 10 m maintain reliable medications for several days under EC/ROs W2ZVW and W3PYF. Mobiles from less seriously affected Bethlehem and from points down the river were also on hand to assist and were dispatched to need a place of communications on the outskirts, as required-for example Raubsville, where W3OK put in some time, devastated Carpentersville, Harmony and other river towns. W3QBF was on from Red Cross headquarters in Bethlehem, maintaining contact and handling traffic on 10 m with Easton-Phillipsburg stations. W3PYF/3 also upgraded on 75 m from the courthouse to connect instead to other parts of the state, mostly through the state civil defense that on an 3835 kc. North honestly, at Martin's Creek W3MAC, despite his visual handicap, remained on the air on 75 m until floodwaters rose in his shack, after which he was evacuated. Lew lost all his equipment, which might have been saved had he not insisted on staying on the air.

The Philmont Mobile radio club of Philadelphia turned in a terrific job of emergency communications tin the lower Delaware River Valley. the day by day documentary supplied by W3PXY, makes most interesting reading. We submit a boiled down of it.;

Thursday, August 18 – in the downpour that took place, Thursday night, W3s EM, FUY and SSU at Doylestown civil defense headquarters were heard. They left to assist in the evacuation of treasure Island, a Boy Scout camp on an island in the middle of the river a few miles below Frenchtown.

At midnight, W2DKA/m called in with the information that hundreds of cars were backed up on Route 611 near Neshaminy because of a bridge washout. W3QV arranged to take traffic from the stranded motorists passing it to other stations in the Philmont Net, who in will distribute it throughout the Philadelphia area as required.

Friday, August 19 – Network organization proceeded apace as this situation is more serious. Late Friday afternoon 100 Philmont mobiles were pressed into service as fast as they could be recruited. The frequency of 29.626 was designated for operating, 29.4934 recruiting. W3SSU was set up at the Doylestown courthouse, and other mobiles and fixed stations were distributed throughout the area as required.

Saturday, August 20 – – The highlight of this day's operation was signaling the Navy helicopter to rescue some men stranded in the River near Yardley. State police could not get word to them, but W3VXN called W3QV to assist, who called the Navy control tower were contacted the helicopter in flight. Within 3 min. the Navy helicopter was on the scene. Otherwise the intense operation of the day before continued, when on an even broader scale. Operators disregarded their own needs for sleep and proper food to supply the urgently needed communications. W3YJM parked at the top of a hill to provide relief for communications between upper Black Eddy and Doylestown. "Reems" of messages included requests for food, drinking water, cots, blankets and orders for rescue teams. Health and welfare traffic had, for the most part to be deferred.

Sunday, August 21 – – National Guard troops began to move in on this date, and the urgent need for communications was over. Many of the Philmont members reported at Doylestown, some of them volunteering for duty in the hard-hit Stroudsburg area. After having taken the edge off and need in their own area, this bunch of Live-Wire emergency-minded mobilers still found work for the talents in the upper reaches of the Delaware River, or damage had been even more extensive.

From Kingston, where damage was not heavy, W3VZJ reports that he was able to serve by copying the list of camps reported safe by W3HA and W3CUY and feeding them to the local radio stations and newspapers. All concerned were happy to have this information of great interest to their many other listeners and readers.

The Delaware Valley Two Meter Traffic Net was active on August 22 in handling traffic connected with the Stroudsburg area. Contact was maintained the W3YDX at Stroudsburg area and much traffic was handled, W2YRW, a member of the net, served as a relay between Stroudsburg and several points, particularly with the Corps of Engineers in Philadelphia.

The North Penn Amateur Radio Club's members were active in flood work in the Doylestown area. W3OKX and WN3BRU served at Yardley on Saturday and Sunday, and on Sunday W3VST and W3VSS supplied the North Penn Goodwill service with communications. On Thursday evening after the flood, six amateurs assisted police in patrolling the river near Point Pleasant.

W3KJJ sends us a story about the flood in Tamaqua, Pennsylvania, on the Schuylkill, one of the Delaware river water tributaries. This river reached its crest in Tamaqua about 1800 Thursday night, and the borough was without power or communication. W3KJJ, after power was restored at 1930, reported into the Pennsylvania Phone Net. Later, W3ZRQ and W3ZXF set up an emergency station near the police station at Borough Hall, carrying the traffic W3ZRQ would originate from Borough officials, send it to W3KJJ who would relay it to the outside with his 800 W. W3JKK had to make emergency repairs to his antenna at the height of the storm. The operators at Borough Hall were released at 0500 and partial telephone communication was established by 0800. W3KJJ spent the rest of the time until August 25 in assisting stations in other areas, while W3ZRQ continued to handle emergency traffic from Borough Hall.

The Pennsylvania civil defense net was activated on 3915 kc.. On Friday morning, with W3MAC and W3HA doing most of the control work.. At 1000 W3MAC had to retire due to the high water and W3UA came on the net.. The FCC declared the segment and 3910 – 3928 a disaster frequency on a voluntary basis at 1100, August 19, and a formal network was set up by W3UA. Contact was established and maintained directly with some 15 cities and towns with no or limited long lines communications, and the others indirectly via 10 and two meter circuits. NCS were changed from time to time to give relief from long hours of operation. Over 500 messages were handled in all, including river stage and flood crest reports, requisitions for helicopters, bridges, medical supplies, highway condition reports, reports on the condition of vacation camps, the press reports of flood progress in damage. Principal net control stations were W3UA, W3HA, W3UCY and W3MAC. Cooperation from amateurs on the frequency was excellent. The net was closed on August 22 when a survey showed that telephone communications had been restored with all except one town.

One of the workhorses on 75 was W3ILA. Dan started out on August 18 assisting the Tamaqua boys, then got Lehigh River readings to pass on to W3SCT in Allentown, W3HFT in Northampton and W3PYF/3 in Easton. The following day, he joined W3UA on the eastern Pennsylvania civil defense net, acting as NCS much of the time. On August 20 in handled a great deal of traffic in and out of the Pocono Area with W3UCY in Stroudsburg and W3NNT/3 in Milford. He assisted in this and other ways until August 22, losing much sleep; but his big signal was a definite asset to the 75 meter net.

PART 2 WILL BE IN THE SEPTEMBER NEWS LETTER

AMATEUR RADIO CLASSES - 2016

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, September 6th, 2016, 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**

FIELD DAY 2016 PARKING AREA



FIELD DAY 2016 - Dave N3EYT PHOTOS





TAKE ME OUT TO THE BALL GAME



On Friday, July 1, 36 DLARC members, their family members and friends enjoyed an Iron Pigs baseball game at the Coca-Cola Park in Allentown. The tie-breaking score was a commendable home run when it was needed, making the final score 3 – 2 for the Iron Pigs win.

We had 5 to 10 seconds of exposure of our DLARC name on the big board at the park.

I truly selected one of our members at random to pick the winner of the parking fee rebate, and because of the noise and lack of mobility in the rows, turned around to Dennis/N3SXI. He did a fine job. Picked his own ticket! All above board.

Congratulations, Dennis. If you can, please tell me how you did it! I'd like to master that skill, too!

We look forward to having more of these outings in the future, so keep any changes in your email address updated with Frank/W3WOW - fmcgrath@ptd.net and keep watching your emails!



Photos by Doreen / K3PDL & Dean / KC3FXC.

NOTICE – STATION COMPONENTS FOR SALE – NOTICE

for Sale as a Lot. \$795.00

The radio station of Carl Maurer / N3NGL (Silent Key – 2011), non-smoker, previously a member of DLARC, is for sale by his widow, in the Allentown area.

Equipment is in LIKE-NEW condition, functionally (bench tested) and cosmetically (no nicks, scratches or smudges).

Heil Proset earphones with HC-5 element boom mike

Yaesu FT-890 Transceiver with built-in Automatic Tuner 160 through 10 meters, 100 watts

Yaesu Manual More specs at: <http://www.qsl.net/sm7vhs/radio/yaesu/ft890/specs.htm>

Yaesu FP-800 20 Amp Matching Power Supply

http://www.radiomanual.info/schemi/ACC_powersupply/Yaesu_FP-800_user.pdf

MFJ-108B 24-hour clock

Yaesu MD-1 Desk Microphone

http://www.radiomanual.info/schemi/ACC_microphone/Yaesu_MD-1_user.pdf

Yaesu G-800 Desk Controller (controller only) for Yaesu antenna rotator

Estimated 50+ feet of RG-213 coax

Estimated 50+ feet of rotator cable

Interested? Contact Bob/KE3AW KE3AW@arrl.net or 610.432.8286

REFLECTIONS FROM THE PAST



Field Day in the 90's - Relaxing in the former county mobile com-center, Hacketts Park, Easton, Pa.

CALLING ALL HAMS

Interested in a fun event for a good cause?

Looking for a public service event to show off your communications expertise?

Look no longer!

Volunteer for the BIKE MS: 2016 CITY TO SHORE

SEPTEMBER 24th and 25th

Positions include: Route Support, SAG and truck drivers, Rest Areas, Clerks, Road Marshals and General Volunteers.

The ride starts in Cherry Hill, NJ and ends up in Ocean City, NJ but bicyclists need your support all along the route. volunteer locations include Cherry Hill, Hammonton, Egg Harbor City, Waterford, Mays Landing, Ocean City and Egg Harbor Township.

INFORMATION

Email: MS.EVENTCOMMUNICATIONS@Yahoo.com

N3MSS@Mail.com

Phone: 1-609-316-8220

or

MS EVENT COMMUNICATIONS

128 Stoneham Drive

Glassboro, NJ 08028

Anyone wanting the Communications Packet about the run is welcome to a copy, simply by emailing a request to ke3aw@arrl.net

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.

TENTH ANNUAL LEHIGH VALLEY

KNIFE SHOW - EASTON, PA

October 1 & 2, 2016

Saturday: 9 AM to 5 PM; Sunday: 9 AM to 3 PM

Buy, sell, trade, and display knives: New, antique, rusty, shiny, factory, custom, hunting, military, swords, bayonets, daggers, folding, pocket, Bowies, tomahawks, razors, sharpeners!

Charles Chrin Community Center of Palmer Township

4100 Green Pond Road, Easton, PA 18045-2594 [Along US-22]

Admission only \$6.00! Bring your supervised children. No charge if under 13. Show your family, children, and friends the beauty and fascination of quality knives!

Website: www.PAKnifeShow.com

Meals and snacks for sale in the Community Center. Many hotels and restaurants are nearby.

For information, call **Bill Goodman, CPA**, manager of Good Knives, LLC; **Cell: 484-241-6176**;

CPA Office: 610-770-9236, Home: 610-258-5063, E-mail: GoodKnives@GoodmanCPA.com

Directions: Easton is on the Pennsylvania / New Jersey border, in the Lehigh Valley, 60 miles north of Philadelphia, 17 miles east of Allentown, and 75 miles west of New York City. The Charles Chrin Community Center is modern and beautiful, with ample free parking. It is visible along the north side of US-22. For easy access, exit US 22 at 25th Street, also known as Nazareth Road and PA-248. Beware: GPS often brings you in a different route that is blocked.

US-22 going west: Take US-22 to the 25th Street exit in Easton. At first traffic light (next to McDonald's Restaurant), cross 25th Street; continue west on Sales Street, 0.1 mile to the next traffic light. Turn right onto Northampton Street.

Go west, 0.5 mile to next traffic light. Turn right onto Greenwood Avenue. Go north, 0.2 mile to second left. Go west on Green Pond Road, 0.7 mile to entrance into Charles Chrin Community Center on left side at 4100 Green Pond Road.

US-22 going east: Take US-22 to the 25th Street exit in Easton. At first traffic light (next to Burger King Restaurant), turn left onto 25th Street. Go north, 0.2 mile to first traffic light. Turn left onto Northampton Street (next to Gulf Station).

Go west, 0.6 mile to second traffic light. Turn right onto Greenwood Avenue. Go north, 0.2 mile to second left. Go west on Green Pond Road, 0.7 mile to entrance into Charles Chrin Community Center on left side at 4100 Green Pond Road.

I-78 and US-22 run parallel, east and west, through Easton. I-78 does *not* connect directly to 25th Street. US -22 does.

I-78 connects to US-22 via PA-611 and PA-33 in Easton. I-80 also connects to PA-33 near Stroudsburg, which goes south to US-22 in Easton. I-476 (PA Turnpike), I-380, PA-611, PA-248, PA-115, PA-309, PA-209, PA-191, PA-222, PA-412, PA-212, PA-512, PA-413, PA-32, PA-378, NJ-29, NJ-94, NJ-57, and NJ-46 all lead toward Easton.

BUD HIPPISELY / W2RU APPOINTED AS NTS EASTERN AREA CHAIR

The ARRL Programs and Services Committee (PSC) has appointed George W. "Bud" Hippisley, W2RU (ex-K2KIR), as the new Eastern Area Chair for the ARRL National Traffic System, (NTS), for a 2-year term, effective immediately. The appointment comes 2 days after the ARRL Executive Committee voted to remove NTS Eastern Area Chair Joe Ames, W3JY. The PSC reached out to Hippisley this week, and he accepted the PSC's request. This will be his second appointment to the Eastern Area Chair of NTS.

"We are fortunate to have an appointee who has this breadth of experience and leadership," ARRL Programs and Services Committee Chair Dr Jim Boehner, N2ZZ, said. "Bud is a man who leads by example, and his accomplishments in NTS and Amateur Radio speak for themselves."

Hippisley has a distinguished resume of nearly a half-century of service to ARRL. He has been active in NTS and ARES® since 1955, including his continuing service as the Eastern Area Net Manager. His leadership positions with the ARRL Field Organization include Western New York Section Communications Manager (now Section Manager) and Western New York Section Emergency Coordinator. He also served as Atlantic Division Vice Director from 1982 until 1985.

"It's a privilege to be asked to take on this assignment," Hippisley said. "I look forward to working with my fellow net managers in the Eastern Area, with the other Area Staff chairs, and with N2ZZ and the entire PSC."

During his previous tenure as NTS Eastern Area Chair from 1976 until 1983, Hippisley was instrumental in merging daytime and evening systems under the NTS banner, affirming NTS practices as mode independent, and inviting proponents of early digital Amateur Radio message-handling systems to demonstrate their concepts at Eastern Area Staff meetings. He is responsible for popularizing the matrix net control form still used by most Area net control stations, and he is the designer of the four-cycle System schedule that underpins NTS expandability in times of heavy traffic loads. In 2010, Hippisley received the George Hart Distinguished Service Award for his long-term contributions to NTS. George Hart, W1NJM, was the chief developer of NTS.

"Of great importance to me over the years of my involvement in NTS is that the third word in its name is 'System,'" Hippisley stressed. "In the long run, the objectives for a system -- and agreement upon operational principles in response to those objectives -- are more important than our individual desires."

Bud Hippisley holds a BSEE from M.I.T. and has done graduate work in solid-state physics, electromagnetics, marketing, finance, and strategic planning. He lives in Penhook, Virginia.

F.Y.I.

The September Program will be "33's, The Early YL Pioneers of Radio" – Stephanie / WX3K

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.

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 (DCS 315) W3OI Repeater.

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

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

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

The Clubhouse telephone number is 484-895-7038.

**EXECUTIVE COMMITTEE 2015 – 2016
OFFICERS**

President – Bill Connelly / W3MJ ----- president@dlarc.org
Vice President – Steve Harper / KB3WYJ ----- vicepresident@dlarc.org
Secretary – Larry Kaplan / AB3TY ----- secretary@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 --- Barry Vogt / N3NVA

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