Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

July 1999

Antennas and how they grow

Antenna Talk

by Barry, KU3X

I was ask to give a talk on antennas at the **July First** DLARC meeting. This talk will be a very basic talk on antenna design. I gave this talk to the novice and general classes a few years ago.

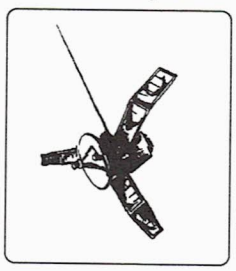
I will try to cover as much as I can in a short time. This will be the condensed version. The talk will cover simple dipoles, loaded dipoles, and numerous other antennas. Mobile antennas will not be covered at this time. This talk will focus on HF bands only. As always, guests are welcome.

The meeting will be held in the Auditorium at the Northampton Community College beginning at 7:30 pm.

de Barry, KU3X

Next SAREX misson could fly July 22

The next Space Amateur Radio EXperiment mission--and the only one scheduled for 1999--could launch July 22 aboard shuttle Columbia mission STS-93. However, that date is said to be still "under review." Officially, NASA says that STS-93, which will carry the Chandra Observatory into orbit, will go up "no earlier than July 20." It has been delayed several times already.



The STS-93 Mission Commander is Eileen M. Collins, KD5EDS. Also aboard will be Mission Specialist Michel Tognini, KD5EJZ, and Mission Specialist Catherine G. Coleman, KC5ZTH. Students at five schools--in Texas, Rhode Island, Virginia, and Florida--are on the list to talk to the STS-93 crew via Amateur Radio. Voice and packet radio operations are scheduled for this mission. The list of schools includes Awty International School, Houston, Texas; Buzz Aldrin Elementary School, Reston, Virginia; Ponagansett Middle School, North Scituate, Rhode Island; Memorial Middle School, Pharr, Texas; and Osceola Elementary School, Ormond Beach, Florida

In the meantime, the Amateur Radio on the International Space Station (ARISS) team is busying itself with the development and qualification of hardware for the ISS. ARISS is expected to deliver the initial station hardware to the ISS in July for launch aboard shuttle mission STS-101 in December. The hardware package--basically dualband H-Ts and associated antenna systems--is being assembled and qualified by a multinational team with members from Russia, Italy, Germany and the US. More sophisticated transportable ham gear will be delivered to the ISS in late 2000 or early 2001. A rack-mounted permanent station is expected to be launched in 2003 or 2004.

The ISS initial station could be on the air as early as December, and regular operation is expected in March of next year--a little more than nine months away!--some information from SpaceNews via Frank Bauer, KA3HDO

The ARRL Letter

Remember the Wednesday and Sunday club nets... 146.70 at 9:30 on Sunday and at 1900 hours on Wednesdays... Try to call in

Just the Minutes

by Dan Ruth W3ZF

The May 1999 meeting of the Delaware-Lehigh Amateur Radio Club was held on the Thursday, the 3rd, in "the theater" at the Northampton County Community College and was called to order by Vice President **Don (KA3JWE)** at 1938 hrs EST.

Dick, KA3MOU, then gave his Treasurer's report. A motion to accept the Treasurer's report made by AA3IX and 2nd by W3BUD. The motion carried.



KE3AW reported that our club classes are now over. Next class, for Novices, begins a week or two after Labor Day.

Barry, N3NVA, Chairman of the Repeater Committee relayed that Dick Teasdale (WA3MDB) assured the club that W3OK will continue to have a home at Gracedale despite any rumors to the contrary. As a matter of fact, once the County starts planning for new construction in the future, our club's needs and requirements will be factored into the plans.

The VE session to be held on May 4th will be on the 3rd floor of Gracedale due to the construction taking place in the area that we used to utilize.

Al (WO4H) made another member presentation to our group. This time the introduction was for **Irv Harold, KB3DDZ**. A motion by NU3L and 2nd by KA3TIU to accept Irv carried.

Two other members were also readmitted **W3GWQ and KB3ALK**. **Julie, N3CSQ**, delivered a lengthy "thank you" to all of the club members that helped with her event at Donegal School. It sounds like Amateur Radio made an impression and got some GOOD exposure. Also, the upcoming weekend (June 5th/June 6th) is the "Worked All DLARC" event and **Bill, K3ANS** gave some more details about this activity.

There was a special guest/visitor in the crowd tonight - **TK5PA** from Corsica. He was given the microphone (yes, thanks to **WX3C**, we had a PA system tonight!) and in his best English, described his station equipment and some details about himself. We learned that he is 74 years young and served in the US Air Force in 1944!

We also had another special visitor- Christina, who let us know how much the Multiple Sclerosis Society is looking forward to our participation in the upcoming MS-150. This event has bicyclists riding up to 200 miles over two days and usually involves 1,000 bikers!

Some additional comments about the upcoming Field Day activities were mentioned. As of this meeting, we still have NO chairperson for this event (although most of the individual stations have their captains).

Don also had asked for a volunteer to chair the Lehigh River Run. There was no one willing to take this on, so Don had no choice but to announce that he would send our regrets to the organizers of this event informing them that we would NOT be able to assist them this year.

N3EYT also made a request for volunteers to assist with Musikfest. This duty, however, would not entail the use of 2 meter radios. Commercial radios would be provided. The existing skills of our club members was all that is really needed; it is recognized that we would be able to conduct/handle radio traffic with ease. Any interest in this activity, please call (610) 861-0678.

The second part of tonight's meeting was our annual **AUCTION.** As usual, our splendid auctioneer was **Bob, N3QQ** who did his usual "schtick" and kept us all laughing. The number of items was not too great however!! This event is going to go on the "endangered" list if more people don't bring stuff to sell AND more money to buy!! There was no 50-50 drawing during this meeting

There were 63 members, and 5 visitors **(Paul, TK5PA / Doug, N2RDF / Ray, K3FMF / Andrew, WV1B / W3TDF's spouse, Greta**, and a baby (belonging to **N3QZR & N3TFG)** destined to be a future ham) in attendance.

de Dan, W3ZF Secretary

Bob Kratz Program

For some good fun, listen to the **Bob Kratz** morning show on local radio **WEST 1400** on your radio dial, every week-day morning from **6:30 AM to 10:00 AM.**

It is a program with good music and the usual good wit of Bob, N3QQ.

I enjoy it and listen to it almost every morning. Try it I am sure you will as well.

Busy schedule for July

by Clarence, W3PYF

Public Service, the thing that keeps amateur radio in with all the other activities will be hot and heavy during the month of July.

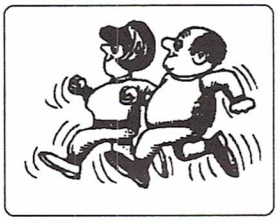
Beginning first with the **Easton Heritage Day on July 11,** help which we have doing for last three years, will need about 3 or 4 members to help with the lost child location. The county Com Van will be there with KA3MOB at the controls.

This will be followed by the Red Cross River Run: and The Derriere in the Delaware safety watch on **July 18th.**

Annual Red Cross Run

by Charlie N3VUO

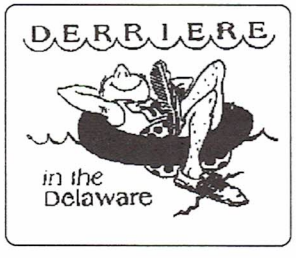
The annual Lehigh River Relay Run will be held on Sunday July 18th. As in the past, the run will be along the canal between Allentown Canal Park and Easton's Eddyside Park. The Red Cross has again asked that DLARC provide safety communications for the runners. We need 10 to 15 operators to cover the route. Interested hams, please contact **Charlie, N3VUO** on the 146.700 repeater, phone **610-266-0278** or via e-mail **N3VUO@juno.com**. Thanks to all for your support.



de Charlie, N3VUO

Derriere in the Delaware

by Clarence W3PYF



Beginning just about the time that the Red Cross run is completed, we will need about 10 people to cover the safety watch along the Delaware River as we have done for years. We will have contact with the Water Rescue people and all the officials of the Kiwanis Club who is the sponsor for the city of Easton Recreation Board this year. Phone **610 252-2109** or **W3PYF@aol.com**, or on **146.70**

From your editor

Clarence, W3PYF

I have been trying to figure what has happened to this club, a **Special Service Club** of the American Radio Relay League, and an active **RACES** and **ARES** group, the reluctance of members to participate in public service events.

For years, our club has been outstanding in all types of events, whether it be floods, storms or other public service events, now it has been my opinion that something is wrong here. I have been Radio Officer for both **RACES** and **ARES** for over 50 years, and now it is a problem for us to get enough members even to take over net controls for our Wednesday and Sunday networks. Where have we gone wrong?

With the upcoming events of this month, let us try to help where we can, remember, we are a public service organization.

de Clarence, W3PYF, your editor

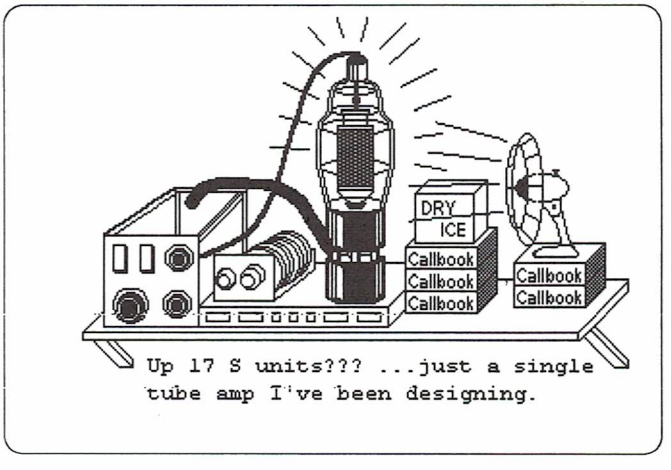
A little poem regarding computer spell checkers

Supplied by Pete, KC3TL

Eye halve a spelling chequer It came with my pea sea It plainly marques four my revue Miss steaks eye kin knot sea.

Eye strike a key and type a word And weight four it two say Weather eye am wrong oar write It shows me strait a weigh. As soon as a mist ache is maid It nose bee fore two long And eye can put the error rite Its rare lea ever wrong. Eye have run this poem threw it I am shore your pleased two no Its letter perfect awl the weigh My chequer tolled me sew.

from Amsoft Newsletter



League urges FCC to expedite restructuring

The ARRL has urged the FCC to act "without delay" on Amateur Radio restructuring and has suggested that the Commission adopt the League's restructuring plan as its own in order to speed up the process. In a May 19 letter to the FCC, the League said that the state of limbo created by the current FCC Amateur Radio restructuring proceeding, WT Docket 98-143, is stifling Amateur Radio's growth, as current and prospective hams await an FCC Report and Order.

The League asked the FCC to adopt the League's restructuring plan in a Report and Order "at the earliest possible time."

The ARRL told the FCC that its comprehensive plan of four license classes and two Morse code testing tiers--5 WPM and 12 WPM--plus refarming of the Novice/Technician Plus HF CW subbands "constitutes a reasonable middle ground proposal." The ARRL's restructuring proposal formed the core of the League's comments to the FCC on WT 98-143, which the FCC refers to as the Part 97 Biennial Review.

Both the FCC and ARRL proposals would eliminate the Novice and Tech Plus licenses. The ARRL's letter stressed that "refarming" of the Novice class subbands was "the most critical portion of the League's comprehensive plan, or, indeed, of any license restructuring plan the Commission may adopt." The League said refarming was essential to make room for anticipated additional licensees using SSB HF subbands. In addition, the League said, refarming "is absolutely necessary to preserve and enhance the incentive self-training program" and to ensure more efficient use of limited HF allocations. Under the League's plan, General, Advanced, and Extra class licensees would get additional HF spectrum for phone operation.

The League said that adopting its restructuring plan in toto was "the best means of accomplishing increased growth in the Amateur Service" and of continuing Amateur Radio's value as a "cornerstone of telecommunications development."

The League also took the opportunity to express appreciation for the support for the Amateur Service by both FCC Chairman William Kennard and WTB Chief Thomas Sugrue and to thank the FCC for the renewed enforcement efforts of Compliance and Information Bureau Chief Richard Lee and CIB Legal Advisor Riley Hollingsworth, K4ZDH..***via ARRL Letter***

Delaware-Lehigh Amateur Radio Club Inc.
Income & Loss Statement

Balance		**$5,126.08**
INCOME		
Donation Income fifty - fifty	24.00	
Dues Arrl	12.00	
Novice Book	12.00	
TOTAL INCOME	**48.00**	
EXPENSES		
Field Day Plainfield Township	125.00	
Hamfest 5,000 Flyers Printed	245.00	
Newsletters for June	100.00	
Postage	116.53	
Supplies	1.05	
TOTAL EXPENSES	**587.58**	
TOTAL INCOME - EXPENSES	**-539.58**	
Balance 5/31/99		**$4,586.50**

Total Membership 317 as of 6/3/99
de Dick, KA3MOU, Treasurer

Easton Hospital 5K Race

Easton Hospital once again has asked the DLARC to handle the safety communications for the 10th Annual Easton Hospital 5K Race. The Race will be held on **August 8th**. We need at least 10 operators for no more than 3 hours. We will meet at the Hospital Parking Garage on 22nd Street in Wilson Boro at 8:30am.

We must be in position before 9:30am. Those who operate will receive a T-shirt. Please contact me either by Email wx3taz@wx3taz.net or on the .70 repeater.

de John, WX3TAZ

There is only one new E-Mail Address to report this Month and no changes in E-Mail address.

K3CP wpvh@ptd.net

Send your e-mail address to Dick, KA3MOU,
ka3mou@enter.net

VE Testing June 4, 1999

15 elements administered 9 elements passed

New Licensees:

Name:	License Class Earned:
John Harold	Technician
Esther Rafferty	Technician
Barry Webb	Technician
Robert Lindeman	Technician
Michael Arnold	Advanced

de Stephanie - KB3DNA

Pump Up The Volume

By Don, KA3JWE

After hearing that some club members do not attend meetings because they have difficulty hearing what is being said, I suggested to the Executive Committee that the Club consider purchasing a portable P.A. system. Well, it was only a day or so later that I received an email from **John, WX3C,** stating that he had purchased a nice portable unit and was donating it to the Club.

We tried it out at the June meeting and it worked very well. So, those of you that don't attend because you can't hear cannot use that excuse any more!

And when you do attend the next meeting, be sure to say, **"THANK YOU"** to John, WX3C, for his generous donation. Thanks again, John!

Below is a listing of the stuff in my garage, etc that I'd like to give away:

Free to a good home:

1. All the pieces of a Moseley Triband Beam Antenna incl. insulators, traps, aluminum, but no boom.
2. All the copper wire from a fallen triband quad.
3. 8 bamboo poles for a quad (shellac coated).
4. CDE Rotator and control box (not working)
5. RG8U coax and connectors.
6. 40 meter dipole.
7. 32 ft steel tower as is where is.

Also: 14AVQ vertical antenna: ***Name your price.***

Pete Kromayer, K3RDT
(610) 866-4485

School Demonstration:

by Dick KA3MOU

On Friday May 21, 1999 there was a demonstration at the Lower Nazareth Township Elementary School from 9:00 AM till 2:00 PM. Setting for the demonstration took place at 8:00 AM.

Those at the School to help set up the Club Station were: **Ken N3IYX, Malcolm N3XRL, Bob KE3AW, Curt KA3MOB, Clarence W3PYF and Dick KA3MOU.**

The stations out Mobile or either at home to help with the demonstration were: **Elmer N3LNV, Bruce KA3ONZ, Bob KA2ZUV, Dave N3LWY, Tom N2TTQ, Theresa KB3CSQ, Barry KU3X, Barry N3NVA, John N3VSR, Bill KA3OEG** and **Norm N3GXW.** The demonstration was put on for grades Kindergarten through fifth grade.

A contact was made on 20 meters, Lenny WB2GFN in Middletown NY.

A contact was made on 40 meters, Don WA3DHH in Uniontown PA.

Using the complex link on repeater 146.655 a contact was made with Bob KA2ZUV near Stanton Island NY. Dave N3LWY was in Princeton NJ and a contact made with Dave using the link system. The kids did enjoy talking on 2 meters as well as on the 20 and 40 meters.

Thank you to all who helped with the demonstration.

de Dick KA3MOU

Letter to the editor

My Dad, Winfield Hilliard, formerly **W3BQD,** passed on May 17th. Could you mention him in the newsletter as a **Silent Key?** He became a ham in the early thirties, but let his license lapse after the war.

He had a local Radio/TV shop for some 50 years and was responsible for hand building and installing each piece of gear in the first two way radio system the ABE airport had for tower to ground crew communication. If it's OK, let me know and I'll mail you more details. Do you think I could get him mentioned in QST?

Mark Hilliard



Easy operation overseas now a reality for US Amateurs

Operating in most of Europe and in some South American countries just got much easier for US hams. The FCC has implemented the European Conference of Postal and Telecommunications Administrations (CEPT) Recommendation T/R 61-01 that eliminates the need to obtain a special license or permit for US hams wishing to operate for brief visits to most European countries. In addition, the ARRL has begun issuing International Amateur Radio Permits to simplify operation by US hams in certain South American countries.

The FCC put the final pieces of the CEPT arrangement into place June 7 by issuing a Public Notice in English, German, and French that spells out the basic information about Amateur Radio operation in CEPT countries. To operate in a CEPT country, US hams only need a copy of the Notice, their original Amateur Radio document, and proof of US citizenship.

US hams holding any license class but Novice are eligible to operate in CEPT countries. A US citizen with a Technician ticket may be authorized privileges equivalent to a CEPT Class 2 (i.e., VHF-only) license, while a US citizen holding a higher class license may be authorized CEPT Class 1 (i.e., all amateur and amateur-satellite) privileges.

The authorization is for use of a portable or mobile station only, including stations set up at hotels or a camping site. Authorization is also granted for US hams to operate the stations of permanent licensees in host countries. The use of Amateur Radio aboard an aircraft is not allowed, however. To identify while overseas, US stations will use their assigned call signs preceded by the CEPT call sign prefix for the country or territory visited.

US stations operating in other countries must abide by the provisions of the ITU Radio Regulations as well as CEPT Recommendation T/R 61-01 and the regulations of the host country. This means that US operators planning to operate in other countries must become familiar with that country's regulations and frequency allocations, paying special attention to regional differences.

Participating CEPT countries as of June 7 include Austria, Belgium, Bosnia-Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Monaco, Netherlands, Norway, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Turkey, and the United Kingdom. For updates, visit the ERO Web site, http://www.ero.dk and click on "Implementation," then "Decision/Recommendation," then "T/R-61-01".

The ARRL has begun issuing the International Amateur Radio Permit (IARP) that allows US amateurs to operate from Argentina, Brazil, Peru, Uruguay, and Venezuela without having to obtain a special license (the US and Canada also are CITEL signatories). The IARP is valid in any country that is a signatory to the CITEL Amateur Convention.

The Class 1 IARP--available to Tech Plus and higher class licensees--requires knowledge of Morse code and carries all operating privileges. The Class 2 IARP--equivalent to the US Technician ticket--does not require knowledge of Morse code and carries all privileges above 30 MHz. An IARP is not a license, but it certifies the existence of a license. There's a $10 application fee to obtain an IARP from the ARRL.

Complete information on CEPT and IARP operation, including an IARP application form and a copy of the FCC Public Notice on CEPT, is available from the International Operating page on ARRLWeb, http://www.arrl.org/field/regulations/io/.

Earlier this year, the FCC simplified operation in the US by hams from other countries. Alien visitors to the US holding an amateur license issued by their home country may operate here without submitting any FCC paperwork--provided there's a reciprocal operating agreement in effect between the two countries.

The new procedures affect operation only in participating CEPT (European) and CITEL (Central and South American) countries. They do not change the procedures for US hams wishing to operate overseas in countries that are not CEPT participants or CITEL Amateur Convention signatories. Information on operation from these countries also is available on the pages of ARRLWeb..

The ARRL Letter

Jambo 99 demonstration Station

by Jim KB3BYU

The HF demonstration station at the Minis Trails Boy Scout Jambo 99 on May 15 was a huge success. The weather was perfect and, over 6,000 scouts, leaders, and other visitors were in attendance. Although the operating position in Rauch Field House between the channel 39 DVD demonstration booth and the model train exhibit wasn't the quietest possible, our booth had a steady stream of visitors. The highlight of the day was a QSO with Wales by **KB3CPF.**

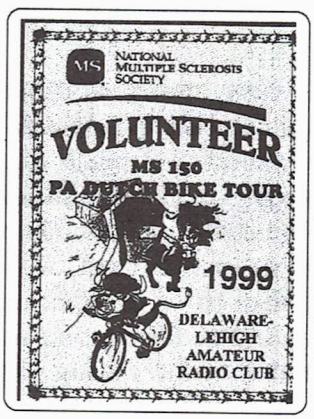
Special thanks go out to **W3JD, KB3CPF, N3WGH, KE3AW, N3IYX** for all of their efforts to set up, dismantle and operate the station. Thanks also to all of the other club members who spoke to the scouts on the repeater. From the comments I heard from the scouts, all of your efforts were greatly appreciated..

de Jim KB3BYU

Another Successful MS-150

by Joe, W3JD

The annual **MS-150 Bike Tour** took place on June 12 and 13. This fundraising activity for the Multiple Sclerosis Society guided more than 700 bicyclists over a 75-mile route from Morgantown to Kutztown and back, with 50-mile and 100-mile options for riders with lesser or greater expectations, respectively. As has been the case for the past several years, members of the DLARC and other interested hams provided communications for event vehicles and locations over the entire route. The net control station, **N3KU**, was located at Kutztown University.



Under the coordination of (and including) **Jeff Keller, N3QZT,** 21 hams volunteered to help on either one or both of the days of the event. The following operators participated: **W3AAX, N2ADD, KB3AMY, KE3AW, N2BSC, KB3CXE, KB3DEC, N3IXY, W3JD, WA1LLD, N3LVA, AA3OD, N3OLH, KA3ONZ, N3QZR, N3QZT, KA1RAH, KD3TI, N3UGH, N3XR, and W3ZF.**

Happily, there were no serious medical emergencies, and traffic over the two repeaters used for the event was handled efficiently and courteously by all operators. Appreciation is extended to the owners and users of the 145.45 repeater in Ephrata and the 147.21 repeater in Pottstown for allowing the use of their machines for more than twelve hours on each of the two days of the event.

Special thanks to **Jeff, N3QZT**, for again taking on the enormous task of coordinating the participation of all of the hams who were involved from the wide geographic area covered by the event. The long hours spent by each volunteer operator were also greatly appreciated by the **MS Society** staff.

de Joe, W3JD

It is time to turn off your computer if ..

Supplied by Pete, KC3TL

1) You wake up at 3 am to go to the bathroom and stop to check your email on the way back to bed.

2) You name your first two children "Eudora" and "Dotcom."

3) You turn off your modem and get this awful empty feeling, as if you'd just pulled the plug on a loved one.

4) You spend half of the plane trip with your laptop on your lap and your child in the overhead compartment.

5) You decide to stay in college for an additional year or two, just for the free Internet access.

6) You laugh at people with 14.4-baud modems.

7) You start using smileys in your snail mail.

8) You find yourself typing "com" after every period when using a word processor.com

9) You can't call your mother; she doesn't have a modem.

10) You check your mail. It says "no new messages"; so you check it again.

11) You don't know what gender three of your closest friends are, because they have neutral screen names and you never bothered to ask.

12) You move into a new house and decide to Netscape before you Landscape.

13) You tell the cab driver you live at ,

http://1000.garden/house/brick.html

14) You start tilting your head sideways to smile.

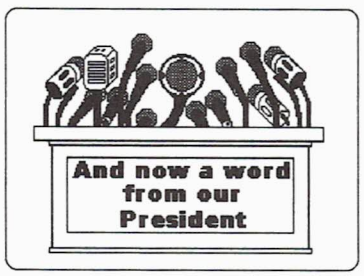
15) After reading this message, you immediately email it to a friend. ***from Amsoft newsletter***

The Prez Sez

Going Once...Going Twice...

By Joe Chuk, W3JD, President

First of all, I'd like to thank Don, KA3JWE, for doing a fine job in running the June club meeting while I was away exploring 6-land (unfortunately, without a radio).



From all indications, much was accomplished. Although Don and I were able to take care of some of the preliminary organizing details for the DLARC Field Day station, we needed someone to take over the overall coordinating role. Jim, N3DFF, stepped forward to take on that responsibility, and we're grateful for that. Because I'm so late in getting this column to our editor, you will probably be reading this after Field Day weekend. While I have no doubt that all club members participating in the event will have an enjoyable time, it's my hope that the event will be an opportunity, as it was last year, for new operators to experience HF operation with the help of seasoned operators at their side.

Thanks to John, WX3C, for donating a PA system to the club to make it easier to hear both the proceedings of the business meetings and the presenters of our programs.

The title of this column obviously refers to the annual equipment auction that comprised our June program. Again we were treated with the dulcet tones of Bob, N3QQ, as our auctioneer, and thanks to him for continuing to serve in that role. The relatively few items placed on the block made for a short program, but maybe that means that there will be all the more "goodies" available next year!

"Going once..." could also refer, however, to the opportunities for service to which the **DLARC** traditionally gives a generous response. Or, at least, this had been the case in the past. Over the past few years, though, it has become increasingly difficult to find members who are willing to take on coordinating roles or even to participate in club events and service projects.

The annual **MS-150** is a good example. While the event held on the weekend of June 12 and 13 was a success by any standard (see the article elsewhere in this issue), there were a number of MS vehicles without radio operators aboard because there simply were not enough volunteers from the club. Sometimes an event lacks a volunteer coordinator until relatively late in the planning process, in which case one or more DLARC Executive Committee members have to take on the task of beginning to plan for the event.

It's difficult to understand how, in a club of over 300 members, it becomes such a problem to get more than a handful of members to take on the responsibility for working with the activities that, to a large measure, define who we are. The only practical response to this situation is for us simply to decline to take on communications responsibilities for an event for which no member steps forward to take on a coordinating role, or for which there aren't enough club volunteers to so the job right. It truly will become the case that each event will be "auctioned off" to those willing to be responsible for it. If there are no "bidders," there will be no event (or no DLARC participation in the event). Please don't let that happen.

When you learn of an upcoming DLARC activity or an event for which the club has been asked to provide communications, don't wait to be asked personally for your help. Volunteer it! And don't assume that those who have "always" coordinated an event will continue to do so. Not only is that often not the case, but many times the usual coordinators have continued in that role only because of the lack of other volunteers. We need to break this pattern that only results in burnout for the relatively few members who take on responsibilities for club activities.

It's too early to tell how many stations around the country participated in the "Worked All DLARC" event during the weekend of June 5 and 6, but the club members who were on the HF bands during the weekend enjoyed the contacts. Once logs are submitted and certificates are mailed out, we'll have a better idea of the extent of the participation in the event. Thanks to Bill, K3ANS, for coming up with the idea for the weekend and for taking the initiative to publicize it.

Our club meeting on July 1 will feature a presentation on antennas by Barry, KU3X. I hope you're able to read this beforehand to remind you to be present for what is sure to be an enlightening program. See you there.

de Joe, W3JD

DLARC

THE DELAWARE LEHIGH AMATEUR RADIO CLUB, INC.

1999 HAMFEST

Talk in 146.70(PL151.4)/R - 444.90(PL151.4)/R

HAM RADIO EQUIPMENT & COMPUTERS

Saturday September 18, 1999

Schnecksville Fire Dept, Schnecksville, PA

Open to Public at 7 AM - Vendor Set-Up at 6 AM

SPECIAL SERVICE CLUB

☺ Sun or Rain

Admission $5

Unlicensed spouse and Children Under 12 Free

Tailgaters - $7 **Indoor Tables - $11**

(Both include one admission)

Info at http://www.kutztown.edu/faculty/chuk/dlarc/
or email to aa3ix@arrl.net.

Handicapped Accessible

Serving Breakfast ⇨ Scrambled Eggs, Home Fries, Roll, Coffee: $2 - with Sausage: $3
Soda, Coffee, Tea, Donuts also available

Tailgaters & Indoor Vendors ⇨ There is ample indoor and outdoor space that will be assigned on a first come first served basis. Payment of the $7 or $11 fee that includes one admission ticket should be made upon entrance. Additional participants must buy a ticket at the regular price of $5.

DLARC 1999 HAMFEST

$1 DISCOUNT COUPON

Clip this coupon and bring it with you to receive a $1 discount off the price of *one* admission, tailgating or indoor table.

Talk in 146.70(PL151.4)/R - 444.90(PL151.4)/R

Limit - One coupon per attendee
(Photocopies not accepted)

ARRL Sanctioned Hamfest

Directions to 1999 DLARC Hamfest
Schnecksville Fire Department

Located 1/2 mile south of the town of Schnecksville on PA Route 309.

From Allentown, Bethlehem area:

Take PA Route 22 to PA Route 309 North. Go 4.3 miles to Hamfest site on your left *(across from Texaco station)*.

From South

Take PA Turnpike (I476) north to Lehigh Valley exit. Follow signs to PA Route 309 North then as above.

From North (I80)

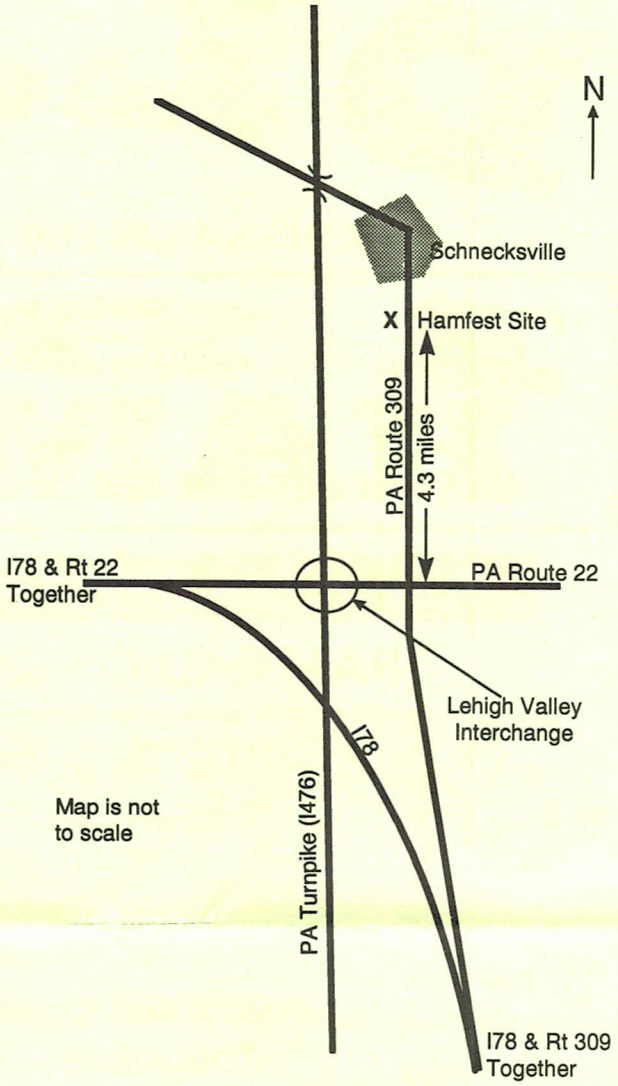
Take PA Turnpike (I476) south to Lehigh Valley exit. Follow signs to PA Route 309 North then as above.

From West

Take I78 to PA Route 22 East to Route 309 North then as above.

From East

Take Interstate I78 to PA Route 309 North. Continue to the Route 22 interchange then as above.



The Delaware-Lehigh ARC, Inc.
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Nazareth, PA 18064-9211

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HAMFEST ANNOUNCEMENT
September 18, 1999

Black Hills hams handle double whammy

via ARRL, letter

Friday, June 4, was not a good day in the Northern Black Hills region of South Dakota. For starters, sometime before noon a critical fiber optic link was severed as a result of a construction mishap. That took out telephone service--including 911 and cellular--for all of two counties and part of a third. The outage also prompted a call for communications assistance to area amateurs from the Red Cross.

The City of Lead Emergency Operations Center, home of the Northern Hills Amateur Radio Club's KC0BXH, remained fully activated during the entire 19-hour telephone blackout. Hams handled health and welfare traffic, emergency dispatching and coordination, among other traffic.

"In recent years there has been an over-reliance on hard-wired communication systems and cell phones," Lead's Certified Emergency Manager Jerome Harvey, N0ZBR, told the Black Hills Pioneer newspaper. Area hams, Harvey said, "are the 'go-to' folks when all the latest technology bites the dust."

Tim Eggers of the City of Lead Fire Department said the telephone outage affected all of Lawrence and Pennington counties and part of Meade County.

As if that weren't enough for one day, severe storms led to activation of a SKYWARN net that afternoon. Weather spotters provided quick information about threats to the Lead-Deadwood area. And, later that same day, a tornado struck the Pine Ridge Indian Reservation-Oglala, disrupting telephone service there for an extended period. The storm left one person dead and many injured, in addition to damaging homes. Hams, under the leadership of ARES volunteer Don Sanders, W0KTL, established a base station at Red Cross headquarters in Pine Ridge and helped to coordinate the Red Cross emergency rescue and response effort.

"Basically, they didn't have much of any communication there at all," Sanders said. Hams accompanied Red Cross workers to visit homes in the sparsely populated area and report to Red Cross Headquarters on what they found. Sanders said two teams of three hams spent two days in Oglala. Some local hams continue to support the effort.

The response team sent by ARES to assist in Oglala, included personnel cross-trained in Amateur Radio communication, severe weather operations, CPR, first aid, and disaster operations. Physician William Schnurr, KI0OZ, reportedly found himself in the middle of trying to provide critical medical care to those injured in Oglala and using his radio skills to attempt to coordinate ambulance response to the disaster area.

Three repeaters owned by the Black Hills Amateur Radio Club, W0BLK, were among those pressed into emergency service for the occasion. All operation took place on VHF.

ARES member Jamie Tollefson, N0PFS, told the Pioneer that heavy rains earlier in the week contributed to the problems for hams involved in emergency response and damage assessment activities following the tornadoes in Oglala. "They had six inches of rain in the last two days, so just getting around is very difficult as much of the damage took place in very rural areas," Tollefson told reporter Scott Randolph. "A lot of the roads are either washed out or barely passable due to the precipitation."

Operating from the Lead EOC, ARES tied information together from around the Northern Hills area mitigating the lack of phone communication. In all, 15 hams participated in the emergency response. ARES personnel logged approximately 190 duty hours--an estimated contribution to the local community of just under $50,000 in equipment and manpower costs.

"It all kinda came off at one time," Sanders said. "We were pretty busy."--from Northern Hills ARC reports and a Black Hills Pioneer article by Scott Randolph, used with permission

The ARRL Letter 6/11

July meeting on July 1 will feature Barry, KU3X speaking on wire antennas for the low bands.

Meeting at 7:30 PM in Auditorium at the Northampton Community College

All Amateur Radio Operators are invited to
Participate to the DLARC, RACES & ARES nets
on 146.70 W3OK/RPT with an alternate of W3PYF/RPT 145.11
W3OK trustee Chris Hornaman, NU3L
The Nets are held on Sundays at 9:30 AM and Wednesdays at 7:00PM

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The W3OK CORRAL is published monthly and is the Official Publication
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==1998-1999==

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CLUB MEETINGS

All regular meetings of the D.L.A.R.C. are held on the first Thursday of each month
7:30 PM at Northampton County Community College
TALK IN ON 146.70
Any comments or articles contributed to this newsletter
should be addressed to *(w3pyf @aol.com}* or Clarence Snyder, W3PYF Editor.
717 Porter Street, Easton, PA 18042-1548

visit our web page

http://www.kutztown.edu/faculty/chuk/dlarc/

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