Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

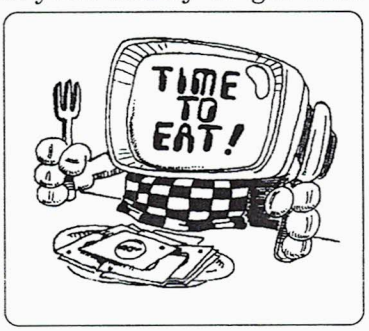
AUGUST 2002

Meeting August 1st at IU20

Club Picnic

August 18

The club picnic will be held on Sunday, August 18th at Hacketts Park – Easton PA. This will be a GREAT time for you and your family to get reacquainted with old friends and to make new friends.



The club will be providing hamburgers, hot dogs, beer and soda as always. All you need to do is bring your family and a covered dish to be shared by all.

Every year those who attend have a lot of fun. There is a very nice playground (away from the main road) for the children to enjoy. The adults enjoy pitching horseshoes, playing games that members bring along, or just talking.

We look forward to seeing you on Sunday, August 18th at Hacketts Park.

de Jill, N3ZSR

Elmering

by Charlie, N3VUO

I went to the Raritan Valley Radio Association on June 15. The weather, light showers, did not look favorable for a hamfest early in the morning. But hams being loyal as to the hobby showed up. Because you never do know that a bargain may be found and or you may win something. As the day progressed the weather was more favorable to a hamfest. This was good because the smell of the coffee and the hot dogs on a day with a moderate temperature was more enjoyable as opposed to hot, hazy, humid day. I found the people to be firendly like John, WX2C and Marty, KB2JSG Marty told me about the the Bird wattmeter and how it is the industry standard. As well as the price that I should pay for one. Guess who had a Bird for sale as well as a Heil Bm-10 (headset and boom mike with an adapter for Kenwood radios) ? John, wx2c. That since I was willing to buy multiple items from him he would be willing to neogiate on the price. While I was going to get some more money for the items that I wanting to buy. Guess what ? My ticket was drawn for the door prize which was an Icom --207 H a UHF / VHF mobile radio. I was totally surprised. See you never do know what happens when you take a chance by going to a hamfest.

On Sunday July 14 I went to the Mid--Atlantic Amateur Radio Club hanfest at the Kimberton, Pa. Fire company fairgrounds. There too I found people willing to elmer. People like Byron, N3ZO and Harry, W3FM. From Byron, I got a Heathkit relative field strength meter, a 5 foot power stick, some Rg--8 coax. From Harry, W3FM I bought a Advanced Eletronics memory keyer, beacon signal and morse code trainer.

I think I did pretty good shopping and listening to experienced hams. If any of the new hams want to come with me the next time I go shopping to hamfest. Please let me know via e--mail, or by telephone.

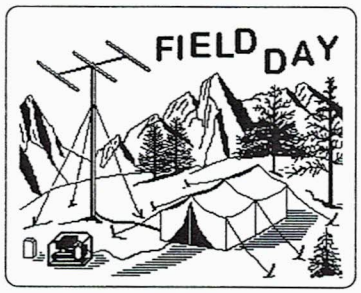
Happy shopping and hope to see you on the radio soon.

de Charlie, N3VUO

Field Day 2002

by Bryan, AA3WM

On Saturday June 22, and Sunday June 23, members of DLARC and guests participated in Field Day 2002 at the Farmer's Grove in Plainfield Township. With the help of everyone that attended, it was a successful and fun event!



Saturday started out with several hams meeting at Gracedale to pick up equipment from the Milk House and barn, while other hams went straight to the Farmer's Grove to start setting up. The people setting up had to get past some initial problems – the water was not turned on yet, and the pavilions were pretty messy, with dirt and leaves in abundance.

The decision was made to run as a 4A entry, with stations initially for 80 meters, 40 meters, 20 meters, and 10 meters. In addition to those 4 stations, there was a VHF/UHF station (running 6 meters), and a Get On The Air (GOTA) station, for a total of 6 stations making contacts! This meant that we had to have 6 computers running CT for logging. With the help of Van, K3CP, we were able to get all 6 computers up and running the logging program. In addition, there was an APRS demonstration station set up and explained throughout the event.

A variety of antennas were used during the weekend – dipoles, a yagi, and a multi-band vertical. There was even a real fancy rotor used on the 6-meter yagi (i.e. vise-grips on the pole). There were some problems with the 20-meter station this year, with the antenna being replaced a couple of times, and finally a new antenna was built and put up.

What is Field Day with out good food and refreshments? Jill, N3ZSR (and her helpers) organized the food and refreshments for Field Day this year. As I'm sure everyone that was there will agree – it was done very well! There was plenty of food and drinks throughout the day (and night, and following day). Thanks Jill for keeping us well fed!

This year there were at least 38 people who came to help out in some way (setting up, operating, tearing down, providing moral support, etc.). There were also 2 out of state hams that came in and helped operate. They were Chad, N0VUP, from Kansas, and Andrew, WV1B from California. The head of the American Red Cross of the Greater Lehigh Valley, John Hughes, also came out to visit us to see how we were able to set up, run on emergency power, and communicate with other hams around the world.

Field Day started to come to an end at 1800 UTC on June 23 (2:00 PM local time), which is when the stations stopped transmitting, and people started to teardown the equipment. Many hands helped during this process, which made the job go much faster and easier. Ken, N3IYX, who brought much of the club equipment, wires, antennas, etc., helped supervise the organizing and packing up of that equipment. Others helped with loading and hauling the equipment that went back to the Milk House and barn at Gracedale.

Throughout the event, many pictures were taken. Barry, N3NVA has put many of them up on our web site. Why not check them out at our website: http://www.dlarc.org

The following are the preliminary results from this year's Field Day:

Band	CW	SSB
80		243
40	90	337
20		102
15		45
10		38
6		252
GOTA		33
Total	90	1050
Total With Multipliers	360	2100

Total points = 2460 + 900 Bonus points = 3360 points.

The Bonus points were: 100% Emergency Power (400), Media Publicity (100), Set-up in Public Place (100), Information Booth (100), Site Visited by invited official (100), and Non-Traditional Demonstration modes – APRS (100).

As you can see from the above table, the 6-meter station had the second highest number of contacts. Thanks to Barry, N3NVA, for setting up and running this station. George, N3SQD, brought, set-up, and ran the 40-meter station, and Ken, N3IYX, brought in the 20-meter station, and Andrew, WV1B, was kind enough to bring in enough parts (power supply, microphone, and

computer) to get the 10-meter running. The other stations were set up using the club's equipment.

This was the first year that Benjamin, KB3GOU (Field Day Chairman), and I participated in a Field Day, let alone trying to organize one. This could not have been accomplished without many of you helping us out. We would like to especially thank Ken, N3IYX, for helping us throughout the process, and gently making suggestions on what needed to be done.

Both Benjamin and I have learned a lot this year, and we appreciate the support we received from the all those that participated in Field Day. Thank you!

de Benjamin, KB3GOU Field Day Chairman, and Bryan, AA3WM Co-chairman.

Just the Minutes

by Jill, N3ZSR

President Jeff Keller, N3QZT called the July 11th club meeting to order at 7:31 PM, with 33 members and 4 guests present.



A motion to approve the June minutes was made by Rich, KB3DEC with a 2nd by Dave, N3EYT. Motion passed.

The Treasurer's Report shown elsewhere in this newletter was accepted with a motion from Bill, N2DH with a 2nd by Malcolm, N3XRL.

Barry, N3NVA said that new hard-line for the UHF needs to be installed due to water in the line. He is still waiting for coordination on 6-meter. He is also still waiting for more fiber lines to be run.

There was no report on the Club Page.

Barry, N3NVA also said that things are going well at the milk house. There is usually between 2 and 6 people present each Wednesday evening. They are looking for an old TNC and an old 2-meter / 440 radio for the milk house.

Malcolm, N3XRL said that a sign up sheet was being sent around to work this year's Hamfest.

Bryan, AA3WM gave his report on Field-day 2002. He told us that we had at total of 90 CW and 1,053 phone contacts. We had 900 bonus points with our total points being 3,360.

Charlie, N3VUO reported the Lehigh River Run would be on July 21st. He could still use a few more people if anyone is interested. Also if anyone wants to learn how to work the events he has good people to team you up with to learn.

There will be no VE sessions in July or August.

Jeff welcomed the following guests to our meeting: K3IFE, Ed K7EMR, Rob KB3HPN, Rob WB3JXI, Walt

The following new member was voted in: **WA2ZGO, Jim Hutchison** (reinstatement) motion from Don, KA3JWE 2nd by Bob, N3QZR.

KB3IDX, Francis on a motion from George, N3SQD 2nd by Glenn, N3ULW.

KB3IDW, Susan on a motion from Malcolm, N3XRL 2nd by Carl, AA3IX.

KB3IDR, William on a motion from Glenn, N3ULW 2nd by Mark, K3MP.

KB3IWC, David on a motion from George, N3SQD 2nd by Don, KA3JWE

The following new applications were read to voted in during our August meeting:

WV1B, Andrew Parker

WZ1X, Marylon Parker

WB3JXI, Walter Speck

KB3HPN, Rob Disbrow

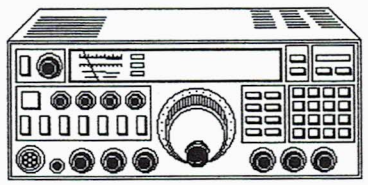
Jeff announced that we are looking for someone to chair this years picnic that will be held on Sunday, August 18th. Jill, N3ZSR sent around the sign up sheet for the picnic.

Jeff and Bryan presented Bill, N2DH and Thalia, KB3CSR certificates of recognition for their work coordinating our VE Sessions for the past year and a half.

The evening program was presented by **Lamar, N3AT** on special antennas.

The meeting was adjourned at 8:06 PM on a motion from Malcolm, N3XRL and 2nd by Dave, N3EYT.

de Jill, N3ZSR, Secretary



Delaware-Lehigh Amateur Radio Club Inc.

Income & Loss Statement.

Balance 5/31/02		**$5,424.14**
INCOME		
Club Dues	$29.00	
Donation Income 50 - 50	23.00	
Interest Checking	9.79	
TOTAL INCOME		**$61.79**
EXPENSES		
Field Day Food & Beverage's	$608.45	
Memory Of Donald B. Schafer	25.00	
Postage	190.00	
Telephone	30.78	
TOTAL EXPENSES		**$854.23**
Balance 6/30/02		**$4,631.70**

de, Dick, KA3MOU, Treasurer

ARRL comments on FCC spectrum policy

The ARRL has told the FCC that marketplace forces should not determine Amateur Radio spectrum allocations and that interference management is a technical, not an economic, issue. Those opinions and others came this week in response to a call in early June from the FCC Spectrum Policy Task Force for comments on various issues related to FCC spectrum policy.

"The value to the public of a vital, growing Amateur Radio Service, while perhaps only indirectly measurable in market terms, cannot translate to a marketplace ability to pay for spectrum, no matter what the mechanism," the League asserted. "The non-pecuniary character of Amateur Radio makes it uniquely unsuitable for market-oriented allocation processes." Such a policy, the ARRL said, would "preclude Amateur Radio communications."

The ARRL compared Amateur Radio spectrum to a public park or right-of-way. "Given the wide availability of Amateur Radio to the general public and its value as an educational and public service resource, the concept fits well," the League said.

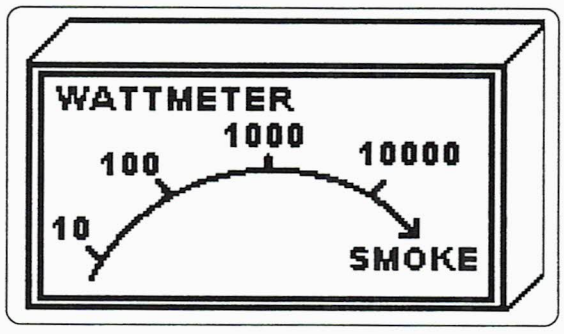
The ARRL said that "economic balancing" among parties is not the proper mechanism to resolve interference issues. The League said that many interference issues are dealt with using technical solutions that accommodate both parties. An economic model presumes a preference for one service over another, the ARRL asserted.

The ARRL again took advantage of the comment opportunity to reiterate its views on the deployment of unlicensed devices under Part 15 rules. Petitioners seeking authorization for new devices or technology that impacts licensed users should bear the burden of demonstrating the current state of use of the band by its own technical calculations or measurements in certain types of environments, the ARRL said. Noting its own participation in a noise study that will contribute to a better understanding about ambient noise, the ARRL said the FCC should require proponents of new devices or technology to provide "studies of individual and aggregate interference potential and effect on ambient noise."

The League also restated its view that unlicensed devices cannot be authorized unless the FCC determines that the devices "do not have a significant interference potential to licensed services."

Petitioners also should provide technical sharing studies every time they propose a new allocation or file a petition for a new unlicensed service, the ARRL said. The League's comments reiterated the goal of the Amateur Radio Spectrum Protection Act, now in Congress as HR 817 and S 549. The measure would provide equivalent replacement spectrum for the Amateur Service just as it typically does for users displaced as a result of spectrum auctions.

via ARRL Bulletin 042



WX3W named EPA ASM for SKYWARN Coordination

Effective July 1, 2002, John A. Holmes, WX3W, of 126A Worman Rd, Bath, PA, 18014-9099, has been appointed Assistant Section Manager for SKYWARN Coordination in Eastern PA.

John has been involved in SKYWARN since 1991 and has spent 5 years as SKYWARN Coordinator for Lehigh and Northampton Counties. John is a member of the SKYWARN Technical Committee at National Weather Service Field Office, Mt. Holly, NJ. He has taught several SKYWARN Spotters Classes and is the Special Event Chairman for WX2PHI.

John served previously on the E. PA cabinet as ACC and he holds OO, OES, and TS appointments. With all of his prior experience and eagerness to help out, John will be a great asset to the E. PA Cabinet.

de Eric Olena, WB3FPL
EPA Section Manager

Joel Elston's new job

Thought I should let you know what I am up to these days. Temple University and Lehigh Carbon Community College just signed articulation agreements. I am Temple Faculty and the Coordinator for this new program at the LCCC campus in Schnecksville, PA. This brings a Temple University presence in the Lehigh Valley.

I will be teaching Temple courses at LCCC this fall and coordinating this new and exciting relationship.

I appreciate all of your help and thoughts over the years of our interaction. It will continue. Please feel free to pass this message along to others. I do not have a fancy mailer (shoe-maker and his kids). ***de Joel, K9TBD***

Editors note:
Many of you will remember when Joel wrote a monthly column for this newsletter.. Our best wishes to Joel on his new position.

FCC dismisses EMP shielding petition

The FCC has dismissed a petition that would have required all electronic equipment subject to the Commission's jurisdiction--possibly including amateur gear--to be shielded against electromagnetic pulse (EMP) damage. The petition, filed last fall by Don Schellhardt and Nick Leggett, N3NL, was put on public notice in December and designated as RM-10330.

"The comments filed in response to the Public Notice overwhelmingly favor dismissing the petition for rule making," the FCC told the petitioners by letter May 24. "Contrary to your claim, several commenters point to standards that the industry has adopted which address EMP protection." Fourteen parties filed comments, and four separate parties filed replies, the FCC said in turning down the petition. The ARRL did not comment on the Schellhardt-Leggett proposal.

As drafted, the Schellhardt-Leggett proposals would have applied to both new and existing equipment falling within its scope and would have included at least some Amateur Radio equipment. In 1986, Schellhardt and Leggett filed a similar petition with the FCC seeking a Notice of Inquiry on possible shielding of electronics against EMP. They say the September 11 terrorist attacks motivated them to approach the FCC once more on the topic. EMP--a high-voltage wave of electromagnetic energy--already is known to be a side effect of a thermonuclear explosion. But Schellhardt and Leggett claimed that terrorists could initiate an EMP using other technology--so-called "E bombs"--developed by the US military but, as yet, untested on a major scale.

Leggett told the ARRL that the primary intention was to promote serious discussion on the EMP issue.

The FCC noted that among the commenters was the Alliance for Telecommunications Industry Solutions (ATIS), which argued that its Committee T1 was developing standards to protect telephone switching facilities from EMP. The International Electrotechnical Commission (IEC) also indicated that it was developing voluntary EMP standards aimed at the protection of commercial buildings and equipment.A voluntary EMP standards development process, the FCC concluded, "is the best method for developing guidelines and safeguards to address protection of the communications infrastructure." In light of that activity, the FCC added, "it appears that government intervention is not warranted." ***The ARRL Letter***

All Amateur Radio Operators are invited to
Participate in the DLARC, RACES & ARES nets
146.70 and 444.90 W3OK/RPT (pl 151.4) with an alternate of W3PYF/RPT 145.11
W3OK trustee Chris Hornaman, NU3L
The Nets are held on Wednesdays at 7:00PM

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==2001-2002==

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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 IU 20 Building in Palmer Township
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.
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