Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

NOVEMBER 2002

Meeting November 7st at IU20

Emmaus Halloween Parade

by Bob, KE3AW

Saturday evening, October 19, was cool, dark, and threatened by rain, but ultimately it turned out to be a nice night for a parade. The Emmaus Halloween Parade was held in grand style. An estimated 1600 marchers, up 30% from last year's participation, enjoyed the evening.



A total of 19 amateur radio operators helped with parade communications.

At net control was **Bob/N3QQ,** stationed with the parade marshal.

Additional radio operators in vehicles were **Mitch/WA1LLD, Glenn/N3ULW, Jill/N3ZSR, Jim/KN3DZY, Dick/KA3MOU, Bruce/KB3FIH. Mark/WA3KIF, Larry/K3LAR. Malcolm/N3XRL, Bill/N2DH, Thalia/KB3CSR, Joe/KE3DZ, Joe/W3JD, Barry/KB3FMI, Paul/N0KIA, Bill/KB3RBH, and Bob/KE3AW.**

Rich/KB3DEC provided additional coverage as "pedestrian portable."

Thanks to all the operators for the time and service in this activity. The Emmaus Halloween Committee expressed their appreciation with verbal thanks, as well as with a generous cash contribution to DLARC.

An extra touch is deserving of note: **Jill/N3ZSR** supplied jack-'o-lantern headlight masks for all the vehicles.

Following the event, most of the team reconvened at the local Bob Evan's Restaurant for a Dutch Treat and conversation to round out the night.

de Bob, KE3AW

PA QSO party scores

by Ray, W3TDF

Approximate scores received from the following 22 **DLARC** members total 1,0271,619 points for club aggregate.

They are W3OK, WA2TWS, N3NNI, N3QQ, N3SQD, N3EYT, K3NZ, K3CP, NC3P, KA3ONZ, N3QZR, KR3U, N3ULW, KA3JWE, WX3C, W3FYK, KE3AW, W4YID, K3OOO, WD5BRP, K2YIY, W3TDF.

Club members who were active, but scores not yet received are **K3OO, W3FVT, N0KIA, WA3HVR, N3EBH, KB3TS,** that should add about 50K or 60K more. I appologize if missed anyone.

A special thanks to those who are also members of FRC, and still gave score to DLARC.

According to the PAQP reflector there were a very large number of stations who worked all 67 counties. A special thanks to the mobiles and rovers who provided the rare counties.

de Ray-W3TDF

[ARRL] Contester's Rate Sheet

TECHNICAL & TECHNIQUE

Submitted by Blair, K3YD

Who says ham radio doesn't involve chemistry? Here's a handy tip on cleaning copper for soldering jobs.

"I had a Copperweld dipole that was so oxidized it would not solder. I wanted to remove the oxide without damaging the copper cladding.

If I only had some hydrochloric acid in the house! Looking in the cleaning closet the label on the Lysol toilet bowl cleaner looked promising. so I squirted some on the wire, left it a few minutes and washed it off.

The surface was cleaner than new and gave a beautiful solder joint. The stuff is quite viscous so it clings to the wire. It worked much better than the flux I tried in the past. Of course, the viscosity that makes it cling to the wire would also make it cling to the surface of your eye so be careful and wear some glasses." (Thanks Wes, WZ7I)

And after we've cleaned off our wires, how do we get them into the trees?

A sampling of recent discussion of the subject from the QRP-L reflector **(http://qrp.lehigh.edu/lists/qrp-l/)** includes these good ideas. If you use a fishing reel, be sure to keep it away from yourself in case of back lash and wear goggles in all cases!

A LOG SPLITTERS FACE SHIELD IS A GREAT IDEA–AND CHEAPER THAN A GLASS EYE.

Good types of weights include fishing sinkers, particularly conical ones 1.5-2 oz., painted bright colors, discarded tire balancing weights, a hockey puck (requires a 25-lb test line and a strong arm), spark plug sockets or just the spark plug, 20 oz. plastic soda bottles one-third filled with water, baseballs, tennis balls, golf balls with a screw-eye attached, locking sandwich or bean bags filled with sand, and fruit, like lemons or apples (if they get stuck, just pull the line through them). A good way to locate the weight after it's gone over the tree and into the bushes is to use a 20-feet orange fishing leader on the weight.

My favorite idea was the K3TKS Antenna Arrow. "It is a 36" aluminum hunting arrow which is crowned with an empty 30.06 cartridge filled with molten lead. I put a small hole in the end of the shaft for the #12 mono-filament line. I use about 60 feet of it which is then tied to heavier Dacron (TM) line. I generally use an old #40 straight bow or compound bow for my antenna fishing."

(Thanks George, K3TKS and all the QRP-L contributors)

Ham-Congressman appointed to key House Subcommittee

Oregon Republican Congressman Greg Walden, WB7OCE, has been appointed to fill a vacancy on the House Subcommittee on Telecommunications and the Internet. Walden is one of two amateurs in the US House of Representatives, and his appointment to the key House panel is considered good news for the amateur community. Walden's appointment was announced by House Energy and Commerce Committee Chairman Billy Tauzin, a Republican from Louisiana.

With his extensive background in broadcasting, Greg has a world of experience and expertise in telecommunications issues," Tauzin said. "His knowledge of the issues will help the Subcommittee address digital television, spectrum management, broadband deployment and other telecommunications matters."

For his part, Walden said he was elated to become a subcommittee member. "I intend to work diligently to help invigorate the economic engine in Oregon and across the country," he said. "I am anxious to roll up my sleeves for Chairman Tauzin and Chairman Upton and work hard under their very effective leadership." Walden, who represents Oregon's second congressional district, was elected to Congress in 1998.

Within the amateur community, he's best known as one of the original cosponsors--with Texas Republican Pete Sessions--of HR 4720. That's the bill pending in Congress aimed at providing relief to amateurs faced with private deed covenants, conditions and restrictions--CC&Rs--in erecting antennas.

The ARRL Letter





Edward (Ned) Romig, became a Silent Key on September 26th

Ned, worked as a switching equipment operator for Bell Telephone of Pa for 27 years before retiring in 1982. He was a veteran of the Army in the Korean war.

When it was in operation, Ned acted as net control for the 'Night Owl Net'.

DESTINATED

by Tom, N2TTQ

A long long time ago before there were cave hams there were the tree hams (we knew altitude would be important some day). They would swing from tree to tree. As they did this they would say weeee. One day a vine broke and a ham fell to the ground and said "ugh". The tree hams said there "ain't no such word". As a matter of fact there was very few other words for that matter. There was a time when there was not even a dictionary. But the words kept coming. So someone, created a dictionary, I believe it was the Oxford dictionary (from what I understand was they were mentally challenged)

http://www.woolgathering.net/mindsi/23/9811/02.html

The process for new word discovery today is handled by a unit of the government know as the NWDU (new word discovery unit). The FCC and the ham community is registered with this agency. As it stands new words are permitted much like uncoordinated repeaters. If there is a word already registered, the new word must take appropriate action to remedy the problem.

http://www.ebicom.net/~rsf1/new_wds.htm

I have always been a proponent of having a compendium of permissible words printed so all hams will know what is acceptable and not. There should be an appendix with the unaccepted words also. If a word is found to be uncoordinated and a ham continues to use it, I don't believe the death penalty should follow. Life in ham radio should be sufficient. Just like the radio cops the new word discovery net does cruise the bands looking for new words. So watch your p's and q's. The correct procedure when you discover a new word is to write the word coordinator and they will review it under part 99.99XEME. New words come about all the time. In the Tesla field I have met some who are arguing the existence of the neutron. They claim there is no such thing. It is however a Hydrino. They claim there is an orbit below the 1s. They claim this new orbit is a very close orbiting electron and not perceivable under conventional techniques. They instituted this new word. But what was wrong with neutron. Oh well, you say potato I say potato, you say neutron, I say hydrino(http://www.hydrino.org). So if you keep on using the word neutron, which is in fact coordinated, you might be stupid if this group is correct. Just as there are radio cops there is the part of the hobby were there is the "make the other guy look stupid group". Its real fun. I would recommend you get into our on going 24/7 look stupid net. Check the other guy out for mistakes etc. and correct him on the air. A correction goes along way Communications is what is important. If you get your idea across you have succeeded. It does not make a difference if you dotted the i's and crossed the T's.

There was a guy named Morton Downy that had a show on channel 9(WOR). One of the shows was supporting English for the official language of America. If you don't want to speak English get out and go back to your country. My question is ????? is Peru , Bolivia, Brazil, Argentina, Mexico, Chili, etc. in America. Seems they are. Why should they have to learn to speak English. They like Spanish. In Quebec they speak French. Seems to me if you don't know geography you should leave the country too. But I don't mind if you stay.

So keep in mind "you ain't going to see no Unicorn". So please talk like regular people before more rules get imposed on us.

de Tom N2TTQ

Delaware-Lehigh Amateur Radio Club Inc.

Income & Loss Statement

Balance 8/31/02		**$4,573.40**
INCOME		
Change Replaced from Hamfest	$500.00	
Class Materials	27.00	
Club Dues	36.50	
Donation Income 50 - 50	36.50	
Hamfest Income	1,846.20	
Interest Checking	6.45	
Picnic Refund	81.00	

TOTAL INCOME		**$2,533.65**
EXPENSES		
Hamfest Expense	$800.00	
Memory Of Ed Romig KD3NH	25.00	
Newsletters June, July, Aug., Sept., Oct.	507.50	
PA QSO Plaque Award NARC	35.00	
Picnic	68.00	
Postage	128.00	
Supplies Mailing Labels	22.25	
Telephone	20.48	

TOTAL EXPENSES		**$1,606.23**
Balance 9/30/02		**$5,500.82**

de, Dick, KA3MOU, Treasurer

Dues Reminder for 2003

Membership 18-65 years of age

Jan. - Dec. $17.00

July - Dec. $8.50

Under 17 years, 65 years or Retired (no age limit). Jan. - Dec. $12.00

July - Dec. $6.00

Additional family Member, each $3.00

Associate Membership $10.00

If paying your dues at a meeting. Use an envelope with your call on the outside of the envelope. If paying dues by check make the check out to DLARC. If you mail your dues, mail the dues to:

RICHARD A DECH / KA3MOU
120 MCILHANEY AVENUE
BATH PA 18014-1612

Any questions about dues you can call

Dick / KA3MOU at 610 837-1585.

If your **DUES** are not paid by **FEBRUARY 7, 2003** membership will be terminated. Reinstatement to membership by the **MARCH** meeting will be accepted without penalty.

Thereafter, Reinstatement application shall be the same as for a new member.

DELAWARE-LEHIGH AMATEUR RADIO CLUB INC HAMFEST, SEPTEMBER 21, 2002

Deposit		**$2,346.20**
Start up money	-	$500.00

Total		**$1,846.20**
Expense:		
C D Disk Call Look Up	-$25.00	
Food Bought for Kitchen	-$218.81	
Cash Prizes 50 - 50	-$100.00	
Fire Company for Hamfest Site	-$250.00	
Tickets Printed for Hamfest 300	-$54.00	
Flyers Printed for Hamfest 5,000	-$160.00	

Total Expenses		**$807.81**
Total	$1,846.20	
Total	-$807.81	

Total Profit		**$1,038.39**

de, Dick KA3MOU, Tresurer

October VE Tests

by Bill, N2DH

Bill Ernest Donovan KB3HHI to General

Paul Emrey **No code Tech**

Examiners:

Jose KB3FPJ
Edwin KB3FPK
LaMar N3AT
Earnest KB3BYU

de Thalia KB3CSR

Just the Minutes

by Jill, N3ZSR

Vice-President Bryan Williams, AA3WM called the October 3rd club meeting to order at 7:33 PM, with 62 members and 7 guests present.



A motion to approve the September minutes was made by Bill, N2DH with a 2nd by Ken, N3IYX. Motion passed.

The Treasurer's Report shown elsewhere in this newletter was accepted with a motion from John, WX3C with a 2nd by Bruce, KB3FIH. Motion passed.

Barry, N3NVA said 70 was having problems for about a month. The problem was a bad end connector, which was fixed. There may be receiver site at 309 on South Mountain hopefully by the end of the month. The quick check calendar on our Web page has all the club events and dates. Barry and Clarence should be told of all events and dates. A link is also on the Web page for Chris Post in Antarctica.

The interface for the 940 has been installed. There are also several other logging programs on the computers in the milk house.

The Hamfest had the most vendors in about 4 years, and the most customers in about 2 years. The Hamfest for next year is scheduled for the 3rd Saturday in September 2003.

Bill, N2DH said that 2 people have registered for the October VE Session.

Bryan welcomed the following guest to our meeting: **Joe, WF2O**

Ed, N3MSK Walt, (no call sign) Greta

(XYL of W3TDF)

Yuri, K3DU Cate (no call sign)

Dr Sandra Tesla-Berry

A new application was received from

Raul Emery (no call sign) for membership.

Events: PAQSO Party – October 12 and 13.

Emmaus Halloween Parade, October 19th.

Bob, KE3AW said that fall classes about mid way done.

It was suggested that we move the picnic to the week after Hamfest, and possibly from Hackett's Park to Louise Moore Park. Dick will look at both places for dates.

John, N2MWQ chairperson of the nominating committee announced the following Officers for **Delaware-Lehigh Amateur Radio Club** for the coming year.

President – Jeff Keller, N3QZT (ran unopposed)

Vice President – Bryan Williams, AA3WM (50 votes)

Secretary – Jill Brodt, N3ZSR (ran unopposed)

Treasurer – Dick Dech, KA3MOU (ran unopposed)
Board – Barry Vogt, N3NVA (69 votes)

Glenn Brodt, N3ULW (55 votes)

Dave Blankenship, N3EYT (58 votes)

Bob Yankovich, N3QZR (52 votes)

Joe Chuk, W3JD (57 votes)

The other 2 people on the committee were **Jose, KB3FPJ** and **Susan, KB3IDW.**

The program for the evening was, Sandra Tesla Berry, Ph. D. on Radio Warfare.

The meeting was adjourned at 8:20 PM on a motion from Blair, K3YD with a 2nd from Bob, N3SNZ.

de Jill, N3ZSR

ARRL VEC welcomes Perry Green WY1O:

ARRL Headquarters on September 20 welcomed Perry Green, WY1O, to the staff of the ARRL Volunteer Examiner Coordinator (ARRL VEC). Green will serve as assistant to ARRL VEC Manager Bart Jahnke, W9JJ, a position vacated by the retirement of Wayne Irwin, W1KI. A Connecticut native, he has lived for the last 25 years in Winsted. Green says that as a child living in the greater Hartford area, he often passed the "unusual little brick building"--W1AW. "Now to be working here is a thrill," he said. Green became interested in Amateur Radio in the early 1960s but didn't get licensed until the 1980s after some ham radio friends at work invited him to a club meeting. Not long afterwards, he took the club's course and successfully passed his Novice exam to become KA1VFK. "The nurturing provided by the ham club motivated me to attain the Extra-class license and to become a volunteer examiner," he said. Green serves as president of the Wireless Operators of Winsted, and the CQ Club. He also is active in the Amateur Radio Emergency Service and involved in local community organizations and projects. Green comes to ARRL after 23 years at Waring Products Div of DCA, where he worked in inventory control and shipping. He also enjoys motorcycling, photography, genealogy and computers. Welcome aboard, Perry!

The ARRL Letter

ARRL Annouce Diamond Club Donor Program

The ARRL has introduced The Diamond Club as a way to increase member involvement, support the League and offer valuable membership benefits above and beyond those already available. The program was approved by the ARRL Board of Directors at its July meeting and introduced this month.

This is a donor recognition program, to acknowledge member loyalty," said ARRL Chief Development Officer Mary Hobart, K1MMH. "We're excited to be able to thank our members in ways we've never been able to do previously and, at the same time, to raise critical additional resources to sustain ARRL in the future."

Hobart said the program has a first-year goal of $150,000 "to support those ARRL-sponsored programs amateurs enjoy." She compared the program to those already offered by other non-profit organizations across the US.

We did a membership sample survey in 2001 to gauge interest in specific benefits and types of benefits," Hobart explained. "The Diamond Club program was crafted to be consistent with the results of that survey."

Recognition for increased annual support in The Diamond Club includes all current ARRL membership benefits plus pins and certificates at every membership level plus special Diamond Club car window decals, publication discounts, new QST delivery options and donor recognition opportunities. "You select the contribution level that fits your budget, and ARRL will do the rest," Hobart said.

Members of The Diamond Club can start out small--with an annual contribution as little as $75 a year ($50 a year for ARRL Life Members)--or large, with a yearly gift of $5000 or more. In addition to a subscription to QST, access to members-only pages on the ARRL Web site, and other member benefits, Diamond Club donors at the introductory level will receive a Diamond Club pin, a personalized Diamond Club certificate and two Diamond Club vehicle window decals.

The Diamond Club offers additional benefits for larger contributions at the Brass, Silver, Gold, Platinum and Director levels. For instance, at the Platinum level--available for contributions of from $2500 to $4999 annually--members also will receive 10 percent off direct ARRL publications purchases, first-class delivery of QST, unlimited free use of DXCC, Outgoing QSL Service and awards, an invitation to all ARRL donor recognition events and an annual voluntary listing in the ARRL Annual Report and on the ARRL Web site.

Donations to the ARRL Diamond Club are tax-deductible to the extent allowed by law and are not refundable. Hobart emphasized that The Diamond Club contributions are annual. Details on The Diamond Club are spelled out on the ARRL Web site **<https://www.arrl.org/diamondclub/>**

The ARRL Letter

Lehigh County RACES Drill

by Mark, WA3KIF

On Saturday October 19, the Office of Emergency Management held a drill in the Lehigh County. The drill scenario involved a charter plane from Pittsburgh which crashed at the Lehigh Valley International Airport due to faulty landing gear. There were 47 persons on board. The drill began about 9:00 am (local) and ended about 12:00 pm.

Lehigh County agencies who participated included the Lehigh Valley Hospital Center (Cedar Crest and Muhlenberg), St. Luke's Hospital (Bethlehem and Allentown) and the Red Cross. also involved were Trans Bridge Bus Lines and US Air personnel. RACES played an important role in the drill, providing communications support for the partaking hospitals and agencies.

Operators who participated in the drill included **Bruce (KA3ONZ), Greg (KB3CKD), Chris (N3RPV), Mark (WA3KIF), Bob (KE3AW), Paul (N0KIA), Bill (KA3RBH), Jim (KA3UQP), Bruce (KB3FIH) and Jeff (N3MFT) with Malcolm (N3XRL), Barry (N3NVA) Robin (KB3GZV) checking in.**

Following the drill was an impromptu "critique" of RACES by the drill's participants.

TNX to all who participated !!!

de Mark, WA3KIF

HAM RADIO PACKAGE "KEEPS ON TICKING" FOLLOWING LAUNCH DISASTER

What began as a perfectly magnificent morning in the Nevada desert September 19 ended in a disastrous launch failure for a group of Amateur Radio operators and amateur rocket enthusiasts. The Civilian Space Xploration Team's (CSXT) Primera rocket engine failed a few seconds into its flight, and the rocket was destroyed. CSXT team members had hoped the suborbital vehicle, which carried several Amateur Radio payloads, would be the first amateur-built rocket to reach space--an altitude of more than 60 nautical miles.

"It was very exciting. The sun came up, and the rocket was there, and we activated all of the computer systems, and everything came up fine," recalled Avionics Manager and CSXT Program Co-Leader Eric Knight, KB1EHE--one of the several hams involved in the project. "Everything went very very smoothly." Until everything went terribly wrong three seconds into the launch.

"There were a lot of people in tears," Knight said. "This is something for which everybody put their lives on hold for a couple of years. It was a very very upsetting thing." The team members went through "a period of mourning" as they went about the range picking up the pieces of the rocket. "It was very tough to swallow at that point," Knight added. No one was hurt.

Amazingly and unexpectedly, the Amateur Radio avionics survived the rocket's destruction and continued operating until they struck the desert floor. "We were extraordinarily pleased with the way the electronics performed," Knight said. "If there was an bright spot, it was that the avionics--all based on ham radio technology and built by hams--worked flawlessly. We had perfect video of the launch from the rocket right through the motor failure." All members of the avionics team are ham radio licensees.

The upbeat Knight said team members, while initially stunned and devastated, remain undeterred. "We will be pressing ahead for a launch possibly again next year," he said. "It was only a speed bump in our overall process." Knight called his teammates "a very resilient bunch" and determined to go forward.

The disaster means starting over largely from scratch. Along with their hopes and dreams for success this time went a considerable amount of hard cash--on the order of $130,000--that came right out of the members' pockets. "We're actively looking for sponsors right now and people who would like to have their name and brand tied in with such a historic endeavor," Knight said. Primera Technology was the only corporate sponsor for the failed launch.

The September attempt was the group's third. Additional information is available on the CSXT Web site **<www.civilianspace.com>.**.

The ARRL Letter

Soldering outside:

by Bill, N2DH

The other day I tried to install a PL259 on a piece of coax in the backyard with temperatures in the 50 deg F and a 10 mile an hour wind. Forget it. I then remembered that Radio Shack use to carry a butane powered pencil soldering device.

I got one and it works great and does a good job. Great for all those backpackers who may need to do field repairs. ***de Bill N2DH***

Salvation Army officer praises hams' efforts in wake of hurricanes

Mark Price, N9VOC, a Salvation Army captain and a member of the Salvation Army Team Emergency Radio Network (SATERN), has praised the assistance rendered to the organization by members of the Central Louisiana Amateur Radio Club following recent hurricanes that hit the state.

The Central Louisiana hams "gave of themselves and of their own equipment to aid in communications," Price said. "With stations manned at Red Cross checkpoints and center as well as aboard any operation manned by The Salvation Army, the men and women of Amateur Radio have distinguished themselves above and beyond all expectations."

Price made the comments in a letter to the editor of The Town Talk, a local newspaper. The hams in Central Louisiana "not only provided communications and coordination, but also tirelessly gave of their time to assist The Salvation Army in its Herculean effort to provide 15,130 units of food and refreshment to evacuees over the course of three days." Hams, Price said, helped prepare and distribute supplies as well as provide excellent communication.

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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==2002-2003==

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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.
717 Porter Street, Easton, PA 18042-1548

visit our web page
http://www.dlarc.org

DATED MATERIAL - PLEASE DO NOT DELAY

MEMBERSHIP EXP 12-31-02
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