Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

DECEMBER 2000

December meeting on December 7 at IU20 Bldg

Blair K3YD to speak at Decmeber meet

The program for the December Delaware-Lehigh Amateur Radio Club on December 7 and the meeting will be **WQCD** presented by **Blair, K3YD.** Nope, he's not going to talk about the NY City FM station on 101.9 MHz. **WQCD** stands for **W**ire antennas--**Q**uick, **C**heap and **D**x-effective.



He'll discuss and show the "Half Square" antenna which actually works better when it's mounted close to the ground. It can be used on any band from 6 to 160 meters. You better have a couple of trees close to 100' tall if you plan to use one on 160, though! The 10 meter version should be installed about 13' in the air.

A half-square antenna manufactured by **HY POWER ANTENNA COMPANY** of Steel **City, PA,** has been donated by **KU3X** and will be awarded as a door prize at the end of the program.

If you don't ask enough questions about the half-square, Blair threatens to talk about a ground plane antenna fed with ladder line which works well for DX on 40-10 meters--including WARC bands.

submitted by Blair,K3YD



Christmas City Special Event 16 & 17 December

by Bob, KB3CSS, Chairman

Saturday and Sunday on the dates shown above, the Delaware-Lehigh Amateur Radio Club will again be hosting the annual **WX3MAS** ***"Christmas Card to the World"*** via the air waves, from 9 AM to 9 PM.



If the club doesn't transmit from the milk house, Dick, KA3MOU, has reserved Room 215 in the Greystone building.

Blair Bates has raised the question as to whether we will be able to use computer logging, as opposed to "stubby pencil", and if so, what program we might use?

The current schedule of sign-ups can be found on the DLARCforum@qth.net, or you may contact me directly at either kb3css@enter.net or 610-261-2350. It would be good to have at least two people per 2 hour shift, so that we can take turns at logging and transceiving. I would also like to suggest that turns be taken, so that as many people as possible can enjoy the thrill of making that DX contact--the ultimate Ham experience. Although there is still time to sign up, the more who do so early on, the greater the chance to maximize our contacts.

de Bob Esch, KB3CSS

The Prez Sez

by Don, KA3JWE, president

Remember back at the beginning of this year when everyone was so worried that society would wind up in chaos because of our dependence on computers? Well here we are near the end of the year with society nearly in chaos as we try to elect a President using "ancient" technology. Who could have imagined that in the age of computers the future of a nation would hinge on a few holes poked into pieces of paper. Sometimes you just have to look at certain things and laugh.



We have had good times and sad times this year. With our participation in public service activities, Field Day, the Club picnic, the PA QSO Party, the Christmas City Special Event Station and all of the other things in between, we have enjoyed some wonderful fellowship and some of the best times that Ham radio has to offer. Sadly, a few members have become Silent Keys this year and we will miss hearing their call signs and seeing their smiling faces as we venture into the new year.

As we enter the twenty first century we can only speculate on what the future will bring. If the past one hundred years is any indication, it will be a bumpy but exciting ride.

Happy Holidays to all.

de Don, KA3JWE.

Which newspaper do YOU read?

submitted by Val, W3EFL

The Wall Street Journal is read by the people who run the country.
The New York Times is read by people who think they run the country.
The Washington Post is read by people who think they ought to run the country.
USA Today is read by people who think they ought to run the country but don't understand The *Washington Post.*
The Los Angeles Times is read by people who wouldn't mind running the country, if they could spare the time.
The Boston Globe is read by people whose parents used to run the country.
The New York Daily News is read by people who aren't too sure who's running the country.
The New York Post is read by people who don't care who's running the country, as long as they do something scandalous.
The San Francisco Chronicle is read by people who aren't sure there is a country, or that anyone is running it.
The Miami Herald is read by people who are running another country.

NWS/ARRL Special Event

As announced, the National Weather Service and the ARRL will cosponsor The National Weather Service Special Event **December 2 (UTC)**.

A sort of mini-contest, the NWS Special Event is aimed at recognizing the contributions amateurs make to the Weather Service during threatening weather. The National Weather Service Special Event will award a certificate--with endorsements if certain goals are reached. Endorsements have been altered somewhat since the initial announcement.

An up-to-date list of the endorsements and qualifying criteria may be found at the Special Event Web Site

http://www.nws.noaa.gov/event2000/eventcertificates.htm.

To obtain a certificate, create a handwritten log of NWS stations worked and indicate the endorsements you are applying for.

You may also link to the certificate endorsement log,

http://www.nws.noaa.gov/event2000/specialevent2000.pdf.

Enclose a self-addressed stamped envelope, and mail both items to

National Weather Service Special Event,
920 Armory Rd,
Goodland, KS 67735.

The ARRL Letter

Just the Minutes

Jill Brodt, N3ZSR

President Don Reamer, KA3JWE called the November 3rd club meeting to order at 7:35 PM, with 43 members and 5 guests present.



The meeting minutes for October were accepted as they appeared in the newsletter with a motion from Gerald, N5ZXJ, and seconded by Clarence, W3PYF.

The Treasurer's Report shown elsewhere in this newletter was accepted with a motion from Ed, W3APE, and seconded by Tom N2TTQ. There are presently 278 club members.

Barry, N3NVA reported that our link www.dlarc.org domain name would forward you to the old site as our new host site is experiencing some difficulty. You should see the new site in about 3 weeks but said you will not notice much difference.

The VE Session for November will be held at Gracedale, NOT at the IU 20 facility as reported last month due to the change in location not being reported to the ARRL as of yet. Hopefully the notifications will be completed in time for the December VE Session to be held at IU 20.

Brian Smith, KB3FGL, and Tom McDonald, N3MQL were voted in as new members on a motion from Carl, AA3IX and seconded by Gerald, N5ZXJ.

Bob, KE3AW reported that about 9 people are attending classes. There are 2 weeks left to this session and we already have 3 new licenses and 1 upgrade. He also reported that we received a donation of $25.00 from Bushkill Elementary for our participation at their Science Fair, and that a donation will be coming for our participation in the Emmaus Halloween Parade.

Ray, W3TDF reported that we currently have about 1.1 million points for the PA QSO Party. We could see about 1.3 or 1.4 before everything is counted but he did not think it will be enough to put us back into first place. The deadline to get your logs into Penn State is November 15th.

Don, KA3JWE reported that we still need to find a Program Chairperson. You do not have to take the full year but 1 or 2 months if you would like. We will be posting a list of suggested program topics, if you see one you would like to do, know someone who has knowledge of one of the suggested topics, have a program idea of your own, or would like to be the Program Chairperson please let one of the Board members know.

Dick, KA3MOU reported that there would be a drill at Ashland Chemical on November 4th from 9 to 12 with a lunch being served after the drill.

Sharon, N3RZQ received a plaque for her field day activies since 1995. **Carl AA3IX** received a certificate for being Chairman of Hamfest 2000, **Mark, K3MP** received a certificate for food preperation at Hamfest 2000, and **Rich, KB3DEC** received a certificate for being the Program Chairman for 2000.

Bob, KB3CSS will be the Chairman for Christmas City this year, and Carl AA3IX said that he would be the Hamfest chairman again for 2001 if the club would like. He only requested that he have a Co-chairperson also.

The meeting was adjourned at 8:45 PM on a motion from Mark, K3MP and seconded by Kenny K3IYX.

Jill, N3ZSR, Secretary

Ashland Chemical exercise

by Dick, KA3MOU,

On **Saturday, November 4, 2000** there was a full-scale disaster exercise, with victims, at the Ashland Chemical Plant in Glendon Borough.

Victims were triaged and transported to Easton Hospital, where they were evaluated and "treated". The exercise was designed to test both Ashland's and the Hospital's emergency plans, along with the emergency services.

Club members provided communications for the exercise that began at 0900 hours and concluded at 11:17 hours. A critique and lunch at Ashland followed after the exercise was concluded.

I would like to thank the club members who helped with the exercise: JEFF N3QZT, DAVE N3LWY, BRUCE KB3FIH AND HIS SON GREG, MARK WA3KIF, BOB N3QZR AND CHRIS N3SIG who were on site at Ashland. BOB N3OLH was on site at the 911 Center. MALCOLM N3QRL AND BRYAN KB3FGL were at the Easton Hospital. BRUCE KA3ONZ was helping with the exercise from his home. Lehigh County's Motor Home equipped with radios was used for net control. A

continued on page4

continued from page 3
thank you to Chris N3SIG and Lehigh County for the use of the Motor Home. Thank you to Jeff Kelly N3MFT, for the use of his repeater. And thanks to Barry N3NVA for taking off the auto dial and other functions on the repeater until the exercise was concluded.

The 911 Center saw how we could provide service in case of an emergency. Upon seeing how we worked during the disaster exercise, they made mention that we would have been valuable to provide communications at a fire that had occurred the previous day. I will be meeting with Nick Tylenda and the 911 Center this week to discuss putting a two and four forty meter antenna in the 911 Center.

de, Dick, KA3MOU

Dues are Due

by Dick, KA3MOU, treasurer

If your DUES are not paid by **FEBRUARY 1, 2001** 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.

Dues Reminder for 2001

Dues are due check you're mailing label. If the label is EXP. 12/31/00 your dues are **PAST DUE.**

Here is the dues amount and how to pay your 2001 dues.

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 $7.00

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
E-MAIL ADDRESS ka3mou@enter.net

Any questions about dues you can call Dick / **KA3MOU at 837-1585.**

de Dick Treasurer of DLARC

FCC To monitor auction site for illegal items

via Hudson Loop 200

The FCC says it has reached an agreement with the **eBay auction site** that's aimed at curtailing the sale of clearly illegal radio equipment.

FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth says **eBay** has agreed to cooperate in removing advertisements in which the item for sale "is clearly non-certified" under FCC rules. Hollingsworth said most of the equipment involved falls into the CB category, including illegal amplifiers.

Hollingsworth agreed to publicize the initiative at the urging of the ARRL Regulatory Information Branch's John Hennessee, N1KB."I've got a whole folder of people who have been complaining about this and will be delighted to know that the Commission is taking action," Hennessee said.

Hollingsworth said a review team within the Technical and Public Safety Division of the FCC Enforcement Bureau is screening eBay ads each week. He said the practice could be extended to other auction sites if the FCC learns of similar problems.

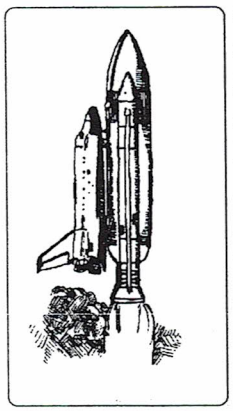
Hollingsworth credits complaints from the Amateur Radio community with getting the new system in place. "I've been collecting complaints for a year, but the amateur community really generated it," he said.

Hollingsworth says he sees about 10 complaints a week about auction site radio gear advertisements--sometimes several about the same ad. He cautions that complaints should be based on clear-cut FCC rules violations, such as attempts to sell illegal linear amplifiers.

Amateurs can send items to ***fccham@fcc.gov***, Hollingsworth said.

All-ham crew settles in aboard ISS

The all-ham crew of US astronaut and ISS Expedition 1 Commander William "Shep" Shepherd, **KD5GSL**, and Russian cosmonauts Yuri Gidzenko and Sergei Krikalev, **U5MIR,** now is aboard the International Space Station. After blasting off from Baikonur Cosmodrome in Kazakhstan October 31, the crew arrived at the ISS early November 2 aboard a Soyuz vehicle that will remain docked with the space station.



"Give us a fast ship," Shepherd--a Navy captain--was quoted as saying before the launch. Shepherd, 51, is only the second US ast ronaut to go into space aboard a Russian launch vehicle. The Soyuz lifted off from the same launch pad where the space race began 43 years ago last month with the launch of the Sputnik 1 satellite.

Not long after arriving aboard the ISS, Shepherd asked for and was granted at least temporary permission to dub the new space outpost "Alpha."

In a NASA interview, Shepherd said the ISS will give humans "unique access to the space environment where we hope we can do very interesting and productive research." But he and the other Expedition 1 crew members also say they view the ISS as a stepping stone on the pathway to human habitation of space.

"If we don't have this progress with this space station, it means that humans in space are pretty much destined to stay close to the Earth, and I don't think that's what humans are about," Shepherd said.

The Expedition 1 crew's four-month stay in the station will begin the permanent human habitation of space. NASA said the crew's first tasks would be to activate the station's food warmer, set up the sleeping quarters and perform communications checks with flight controllers in the US and Russia.

"This is a huge, huge event," said US Astronaut Frank Culbertson, who directed the joint US-Russia program to put American astronauts aboard the Russian Mir space station in the 1990s. Culbertson is set to command a space station mission of his own next year. Yuri Semenov, who heads the Russian Energia company that built the Russian ISS modules, called it "a historical, remarkable day."

The crew has a busy schedule that primarily involves getting the ISS up and running for future research activities. Amateur Radio operation is not expected to commence until mid-month, although the crew is said to be enthusiastic about firing up the initial Amateur Radio on the International Space Station--or ARISS--gear. Once installed temporarily aboard the Zarya module, the equipment will provide FM voice and packet capability on 2 meters.

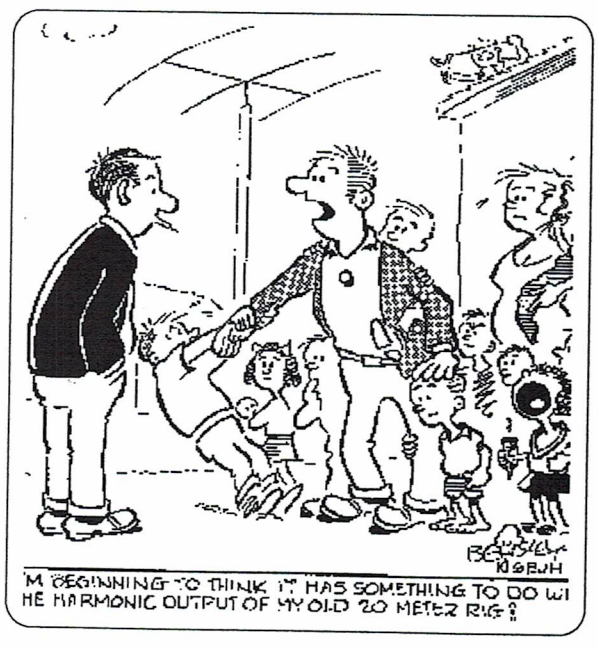
Tentative operating frequencies are: Worldwide downlink for voice and packet, 145.80 MHz; worldwide packet uplink, 145.99 MHz; Region 1 (Europe) voice uplink: 145.20 MHz; Region 2 and 3 voice uplink, 144.49 MHz. Crew members may use their personal call signs or one of the "club station" call signs issued for ISS use--**NA1SS, RZ3DZR**, or **DL0ISS.**

The Keplerian elements bulletin from ARRL now includes data for the International Space Station.

Expedition 1 is scheduled to leave the station next February, when the three-member Expedition 2 crew arrives on STS-102. When it's completed in 2006, the ISS will be one of the brightest objects in the night sky and be as roomy as a jumbo jet.

For ARISS information and updates, visit the ARISS Web site,**http://ariss.gsfc.nasa.gov/.**

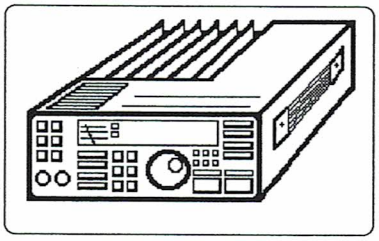
The ARRL Letter



Fixing a HF rig

by Rich, KB3DEC

Hi fellow hams, I just had the pleasure of fixing my HF rig, by proxy of club members and seat of the pants, if you will. The problem was that the readout on the rig scanned all the way up to 29,999,999 and stuck there. I had talked to Bruce, KA3ONZ for comparison brains over the two meters with the HT.



Now, the manual said that such a thing could happen, only that the readout in their case might be something like a reading of 14,000,000 and a mode of upper ssb, I had this except for the number being different. So much for exactness, I will try to tail that lead for a fix. The manual calls for a button battery in this scenario.

Try two, included N3NVA's helpful suggestion of resetting the controller board chip. This was my next venture after changing the button battery by solder techniques mentioned in the manual for a cure to the readout problem (prior), which they stated. Barry's suggestion was carried out next by home brew methods, LOL in online talk parlance. Having no test leads, I took the keyer wires off the key and used the plug-in tip for a probe and the bare end for the other end. Since my manual said that the number four pin was this reset pin Barry mentioned, and it had to be "H", high state; I was in for the trial. The manual mentioned that the pin fourty would give me V,sub cc which I needed for the pin high reset. V sub-cc is a "high", or five volt, just right for the cause.

All I had to do was jumper forty to four with the power on, a bit risky, but esential, and listen for either, explosions or clattering relays within the rig! Aha, the reset took.

However, the rig displayed the original problem upon reassembly! Although the rig needed, probably a new button battery and a reset, I still had the problem, the display went all the way to the top end and stayed. Alas, while rolling the rig to get the top side up and so forth, I noticed that the display did some funny things while moving the microphone cord around. I had found the problem, the screw-in microphone cord had a short in it at the connection point, so unhooking that gave proper operation and I had pinpointed the problem. Luck, of course. I am back in business for it all, as a rather satisfying session! I only needed to twist the mic cord setup within the furrel the other way to clear the leads from each other. Redo the clamp there, and ok.

de Rich, KB3DEC

Delaware-Lehigh Amateur Radio Club Inc.

Income and Loss Statement

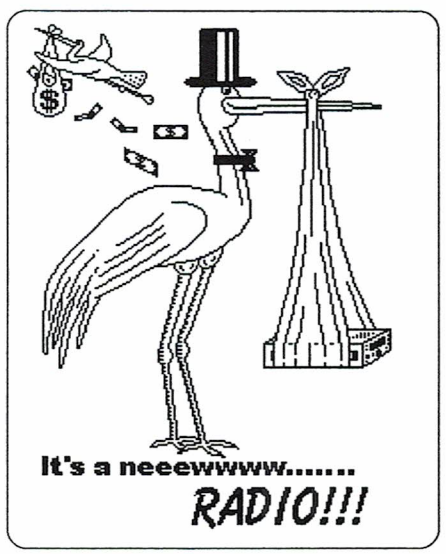
Balance	**$5,508.10**
INCOME	
Donation Income Science Fair	25.00
Dues	83.00
Class Books	190.00
50 - 50	$18.00
ARRL	$56.00
VE Test Session	28.00

TOTAL INCOME	**$400.00**
EXPENSES	
Education	126.50
Hamfest Tickets	30.00
Postage	113.00
Renewal ARRL	52.00
Repeater	56.00
Telephone	31.85

TOTAL EXPENSES	**$409.35**
TOTAL INCOME - EXPENSES	**-9.35**
Balance 10/31/00	**$5,498.75**

Total membership 281 as of 11/2/00

de, Dick, KA3MOU Treasurer



Ashland Chemical Exercise

by Mark, WA3KIF

CONGRATULATIONS for a JOB WELL DONE goes to the **Delaware-Lehigh Amateur Radio Club** for a terrific performance on their November 4, drill !!

On Saturday November 4, 2000, the DLARC participated in a simulated disaster drill at the Ashland Chemical Company in Glendon, PA. The scenario included a chemical spill with casualties.

Many emergency entities were called to the scene. In addition to the DLARC, Easton Emergency Squad, Easton Fire Company, Suburban Emergency Squad, the Ashland Chemical Company's Emergency personnel all participated in this drill. Although the site was in Northampton County, Lehigh County showed up with their mobile Emergency vehicle as did fire Companies from Whitehall.

Amateur radio communications were used to pass traffic containing information about what ambulances and fire companies arrived on scene. Communications were also used to notify Easton Hospital of the number of patients en route to their facility and a description of their injury(ies). Net control was also asked to obtain up to date weather information with specific interest in wind speed and direction. This information was necessary as firefighters and rescue workers were subject to toxic fumes and their direction.

Simplex was used to communicate among the hams at the scene and 146.70 was used to communicate to the 911 Center and Easton Hospital.

Participating in the drill at the scene were: Dick- KA3MOU (N.C. EC), Jeff-N3QZT (Assistant N.C. EC), Dave-N3LWY, Bruce-KB3FIH and his son Greg, Chris-N3SIG, Bob-N3QZR and Mark-WA3KIF.

At Easton Hospital were Malcom-N3XRL and Bryan-KB3FGL, at the 911 Center was Bob-N3OLH and Bruce-KA3ONZ was operating from his home and relayed traffic from the scene to the hospital and 911 Center.

All the participating hams deserve credit for providing communications with accuracy and professionally. Everyone was prepared and was willing to do whatever they were asked and go wherever they were assigned.

Again, congratulations for a very successful drill!!.

Mark S; Miller - WA3KIF
District 4 Emergency Coordinator

Y2K Emmaus Halloween Parade

by Bob, KE3AW

Over 20,000 people came out on October 21 in Emmaus to see the annual Halloween Parade in beautiful 60+ degree weather.

Delaware-Lehigh Amateur Radio Club members served as division leads and "security" communications in the parade with net control **Bob/N3QQ** shadowing the parade marshal. Our amateur radio communications are credited with keeping the parade moving safely and orderly. **DLARC** has been providing these services to the Emmaus parades for about a decade.



Club members involved in this year's parade were: **Bob/N3QQ, Ray/W3TDF, Jeff/N3QZT, Mark/WA3KIF, Malcolm/ N3XRL, Bill/N2DH and Thalia/KB3CSR, Joe/KE3DZ, Jim/KN3DZY, Dick/KA3MOU and MaryAnn/XYL, Bruce/KB3KIH, Bruce/KA3ONZ, Mitch/WA1LLD and Bob/KE3AW.**

Standing by, ready for action if needed was **Dave/N3LWY.** Along with some of the club members were other family members and friends who enjoyed the parade from a different vantage point. After the parade all the volunteers and families were welcomed to an enjoyable Dutch treat gathering at a local restaurant.

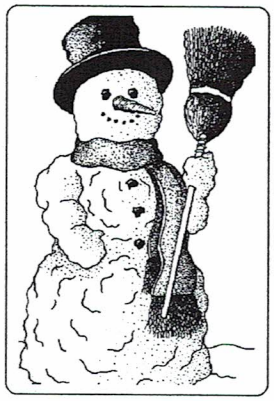
Thanks are again extended from the Emmaus Parade Committee to all who volunteered.

de Bob,KE3AW



Winter in The Northern hemisphere

Astronomical winter arrives on or about December 21 in the Northern Hemisphere. This is when the sun is located directly over the Tropic of Capricorn, located at 23 degrees 27 minutes south latitude in the Southern Hemisphere.



Meteorological winter usually lags behind about 25 to 30 days, resulting in the coldest time of the year to be around the last week in January. When it is winter in the Northern Hemisphere, it will be summer in the Southern Hemisphere.

It takes 365.25 days for the Earth to make one complete revolution around the Sun. The earth's orbit around the sun is slightly ellipitical, with the earth closest to the sun on or about January 3, (Perihelion), 91 million miles. The earth is farthest from the sun on or about July 4th., (Aphelion), 94 milliom miles.

The earth is tilted on its axis of 23 degrees 27 minutes. The seasons are attributed to this tilt as the earth orbits the sun.

In winter the Northern Hemisphere is tilted away from the sun. there-fore, the nighttime hours are longer than the daytime hours. As the earth continues its trip around the sun, the sun will appear higher in the sky each day. The days will begin to become longer until on March 20, the sun will be directly over the equator, (Vernal Equinox), at this time the day and nighttime hours are each 12 hours long through-out the world, it will than be spring in the Northern Hemisphere.

To survive winter, we must help ourselves and also help each other.

There were more deaths from excessive cold over the past 30 years than from tornadoes, floods, and hurricanes combined. Fatalities from poisonous gases and vapors from wood and coal fires have increased during the winter months, from improperly installed or defective coal and gas heaters.

Studies indicate that there is a significant increase in deaths the week following a major winter storm. Past weather patterns show us that winter storms will continue to be killers. Winter deaths can strike without warning.

Transportation, communication and isolation make the elderly, infirm,and handicapped particularly suscepitible to failures of home heating and inadequate provisions of food amd medicine.

WINTER KILLS...

Unpredictable weather is often the rule rather than the exception, particularly during the winter.

Winter Watch For Kids....

Snowball fights, sledding down slopes and holiday presents are all fun, but winter can be dangerous too, if you aren't careful.

1. Fireplaces, woodstoves and space heaters are hot, don't play too close.

2. Dress carefully for playing outdoors: cap, mittens and boots.

3. Even on holidays, candles in windows are dangerous.

4. Tell mom and dad if you see any overloaded electrical sockets and keep the Christmas tree away from heat. If your tree needs water, feed it.

5. Have extra blankets, maybe one on your bed.

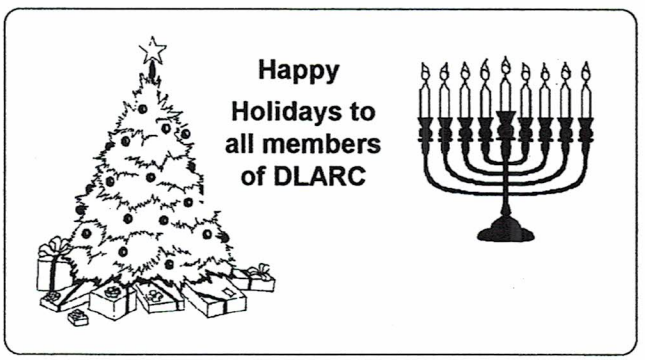
6. At the store remind mom or dad to stock up on extras in case a storm strands everyone at home.

7. Know where your survival supplies are, flashlight, portable radio,first aid kit and emergency phone numbers.

8. Listen carefully to weather reports, so you can be prepared, and be home safely before a storm.

YOU CANNOT CHANGE THE WEATHER, BUT YOU CAN AFFECT ITS OUTCOME.

Merry Chrstmas & Happy New year From Gini & Charlie Giannetta: WA3RSQ



Three new members of Delaware Lehigh Amateur Radio Club inducted at November Meeting

Bruce Bobo, Jr. KB3FIH

Bruce was born in Knoxville TN. He lived in several communities in the East Coast and his family settled in Whitehall PA where Bruce attended High School. He graduated in 1981. Bruce enlisted in the Army and did a 3 year stint before returning to the area where he worked as an EMT for seven years. During that time he took an active interest in computers and attended Allentown Business School. He was recognized for his "hands on ability" and was ultimately asked to become an instructor at the school because of his real life experience and practical approach in bringing real world solutions into the classroom. Because of this recognition, he decided to turn his hobby into a profession.

In 1996, Bruce incorporated and formed his own company; First Call Computing, Inc. His clientele consists mostly of small businesses, for example, Attorneys, Doctors, and Accountants. His specialties include networking and hardware. Bruce lives in Whitehall with his wife and two children. From the very outset, Bruce became deeply involved in DLARC activities even before this evening formal recommendation for membership. He attends breakfast regularly with the "day timers" group that meets in Bethlehem. I call the "West side" breakfast the "Roaster" group because they meet around 6:30 on Wednesdays. For the "day timers" that's an ungodly time for those of us who are retired, unable or unwilling to work. Bruce also made a presentation to the Board of Directors to register DLARC as a domain and move to a commercial server to gain greater visibility on the Internet. That was a "think tank" recommendation with merit that your Board is pursuing.

Bryan Smith KB3FGL (ex KB2WYG)

Bryan was born in Schuylkill Haven, PA, and graduated from Schuylkill Haven High. He attended the US Naval Academy prep school and the US Coast Guard Academy. Later he attended Morris County College in NJ. He has lived in Rhode Island and Fan Francisco and Brooklyn NY where he was licensed in 1996 as KB2WYG. He was a member of the Kings County Repeater Association in Brooklyn; one of the largest and most active Radio Clubs in the US. Bryan works for the Department of the Treasury as a United States Custom Service Inspector headquartered in Elizabeth, NJ. His job assignment requires extensive travel throughout the East Coast. He holds a General Class license and because of the travel requirements intends to go mobile HF.

Bryan moved back to Pennsylvania for the "Quality of Life" in our community and lives in Bethlehem. He has been married for two years. His hobbies include Photography and the study of religious history of which he has extensive knowledge.

S. Bryan Williams, KB3EVX

Bryan was born in Syracuse, NY, and his family moved to Pennsylvania when he was about two years old. He grew up and attended schools in southeast Pennsylvania. Bryan went on to college at West Chester University and graduated in 1980 with a Bachelor of Science degree in Computer Science.

He began his work career with Unisys, formerly Burroughs, and held various positions in software engineering, programming, and management for 17 years. He left Unisys, only to continue working with them as a consultant, traveling worldwide on different short-term Special Projects.

Currently Bryan works as a software engineer out of his home for File Express, Inc. which is based in Mesa / Scottsdale, AZ. He travels every 6 weeks or so to Phoenix and customer sites.

Bryan lives in Forks Township with his wife Wendy and son Benjamin, age 10. He is also interested in becoming a Ham and is studying the code. An older son, Bryce is serving in the Marine Reserves and recently completed training as an Air Traffic Controller in Pensacola, FL.

Wendy and Bryan are active in their church and Bryan serves on its board as treasurer.

Bryan was first licensed as a Tech Plus in April this year and has since upgraded to General. For the short time he has been licensed, Bryan has attended several meetings and breakfasts, with the "Eastern Breakfast group" and participated in two of DLARC special events, the MS Walk in Allentown, and the MS 150 Bike Tour.

Bryan is a neighbor of Mike Rafferty, AA0AO who encouraged him to get into Amateur Radio and is one of his sponsors along with Charles Lazarchak, KB3DEA

compiled by Al, WO4H

All Amateur Radio Operators are invited to
Participate to the DLARC, RACES & ARES nets on
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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==2000-2001==

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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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