Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

January 2003

Meeting at IU20 on January 2, 2003

January Meeting

by Dick, KA3MOU

At the **Jan 2 ,2003** meeting, **Greg Kovacs, KB3CKD,** will be giving a 30 min. talk on the ARRL Emergency Communication Courses. There are 3 different courses and he will tell us about them.

Topics include: why he took the courses, how to sign up for the courses, what to expect, how the courses are set up, Homeland security grant for the Level 1 course, why hams should take the courses), why monitoring, how the courses originated, and more.

These courses are ON-Line courses and there is a provision for people who are not ON-Line. He will go over that as well. Tell hams about this and invite them to the meeting.

de Dick KA3MOU

WX3MAS 2002

by Bob, KB3CSS

The SET UP Crew: Bob KE3AW, Bob N3QZR, Glenn N3ULW, Dave N3EYT and Bob KB3CSS, started putting up the Club's R7 vertical around 8:00. We unloaded Ken N3IYX's trailer, fastened the elements and feed line, tied the guy wires to its center and raised the antenna. After the guy wires were secure, the antenna was tied to a 6X6 post (already conveniently positioned). Despite the light rain, we were able to get the job done. The feed line was then supported by a rope spiraled around it from across the roadway to the East window of Greystone, where the rope was secured to a 2X4, at the window entry point. This way, the rope underwent the tension rather than the cable. That morning, an Icom 751A, plus power supply and tuner, had been set up, with a ground line leading from the station equipment to a 4 foot copper ground rod from the North window. After tuning the antenna, we started to transmit around 9:15. The first contact was not received till 10:17 and W3BUD was our first 40 meter contact. Another 25 contacts were then received.

, Bob N3QZR had set up the Club's 2 meter HF Link station, which was designed so that the calls and contacts were made automatically.

The first year for this mode, this station allowed 2 meter participants to make HF contacts. In the mean time, Skip K3CC was busy manning the PSK-31 station from the clubhouse, using the Club's dipole antenna. He was assisted by Barry N3NVA and Ken N3IYX. Barry later tried to set up a WX3MAS slow scan TV station, but was unsuccessful. Skip was busy most of the day, and the night before, he announced the WX3MAS activities on the DX Cluster. Jeff N3QZT had also checked in earlier to make sure things were going OK. He also suggested we use a simplex frequency to communicate with the Clubhouse station.

As Dave N3EYT and Glenn N3ULW were busy at the main station transmitting on 40 meters, Jill N3ZSR had arrived with cookies, ring bologna and a very tasty Beef BarBQ, which was kept warm in a crock pot. Earlier, I had set up a coffee machine, the veggies, cheese, chips and soda.

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Phone Patch Story

by Bob, WF3H

Hams Aid Sick Nicaraguan Child

I had just finished checking my email prior to leaving for work, as I monitored the Maritime Mobile Service Net on 14300. YN4B, Cliff, called in requesting a phone patch to Tennessee.

Ordinarily I would have left for work but he said he was calling on behalf of doctors at a hospital in Managua. A little girl required immediate open heart surgery, and they need a drug called "Amicar" to control bleeding. He had a friend, KG4OSR, who might have access to the drug.

I placed a phone patch to her and Cliff asked her, and her husband Mike, to join us on frequency. They did, and made arrangements to get the drug to Managua.

de Bob WF3H

Rock Mite Nite

by LaMar Derk

Rock Mite Nite has been a great success! Twelve persons, representing 4 clubs particpated in the project, working together on Rock Mite kits at the Monroe County Vo-Tech school near Bartonsville. Working from 7 to 10 PM, they were able to almost finish installing the parts on the pc board. Those involved were from Carbon Amateur Radio Club, Pocono Amateur Radio Club, East Penna. Amateur Radio Association, and Deleware-Lehigh Amateur Radio Club.The group will meet again on Monday, Nov. 24, to install the completed boards in an Altoids mint tin, or in some other suitable enclosure - builder's choice.

The Rock Mite is a complete transceiver, built on a pc board that is 2 by 2 1/2 inches. There are 70 parts to install on the board, including one surface mount chip. The rest of the parts are thru-the-board resistors, capacitors, transistors, diodes, etc. We provide help in installing the surface mount part, and other help if it is needed. Kits are available for 40 or 20 meters. They are crystal controlled, but a push button makes possible small shift in frequency. And there is a built-in electronic keyer included on the board.

Several people have expressed an interest in doing a similar Rock Mite Nite program in the DLARC area. If there is enough interest, we may set up a schedule for a RM nite after the holidays. . We would need at least 10 participants to get group prices for the hardware necessary to install the board in an enclosure. The cost is minimal - $25 for the basic kit, and $5 for the hardware. If you are interested contact me.

de Lamar, N3AT, at n3at@enter.net



Earle R. Jennings

Friday, November 29, 2002

Earle R. Jennings, 68, of Bangor, died Thursday, Nov. 28, 2002, in Lehigh Valley Hospital-Muhlenberg in Bethlehem. Born: May 21, 1934, in Flicksville, a son of the late Floyd and Hattie Pearl Brodt Jennings. Personal:

He and his wife, the former, Ruth Gardner, celebrated their 43rd wedding anniversary on Aug. 1, 2002. He was employed as a control room operator for GPU in the Portland Station for 27 years, before retiring in 1994. He was a graduate of Bangor High School. He served as a Washington Township, Pa., supervisor for 17 years and helped with the Township's Highway Department for many years. He farmed during high school and afterwards for 35 years. He was licensed amateur radio operator WA3AWX for over 40 years.

He was an avid railroad fan for many years, following a family tradition. Memberships: While in high school, he was a member of the Future Farmers of America and the Keystone Farmers Association. He was a member of the D.L.A.R.C. Radio Club of Nazareth and the International Brotherhood of Electrical Workers Union. Survivors: his wife; two sons, Randy of Bangor and Bruce of Pittstown, N.J.; a sister, Alice Weaver of Bangor; and three grandchildren, Camerin, Dwight and Benjamin. A sister, Esther Young, died earlier.

New Technician Class Question Pool Released

The Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators has released a revised and expanded Amateur Technician class (Element 2) question pool into the public domain. The new question pool becomes effective July 1, 2003, and must be used to generate all Technician written examinations administered on or after that date.

"The newly revised pool released this week by the QPC includes significant efforts to present the pool in a more friendly and understandable fashion for beginners while maintaining appropriate emphasis on safety, rules and operating procedures," said ARRL VEC Manager Bart Jahnke, W9JJ. "The Technician syllabus was completely revised during 2002 to allow for the revamping of the new question pool."

The new Element 2 question pool contains 511 questions--up from 385 in the April 2000 release that occurred around the time of Amateur Radio restructuring.

The new question pool, available on the Amateur Exam Question Pools Web page <http://www.arrl.org/arrlvec/pools.html>, includes all questions and answers as well as graphics related to the questions for Element 2.

The FCC rules ('97.523) require each question pool to contain at least 10 times the number of questions required to appear on any examination drawn from that pool. QPC Chairman Scotty Neustadter, W4WW, says the QPC has attempted to apply that same "10 times" principle to each subelement.

Neustadter said "insignificant changes" to the Element 2 syllabus were made as they became obvious, although they were not specifically highlighted in this week's release.

VECs have a certain amount of flexibility with the format of their examinations. Outside of the fact that questions, answers, distracters and related graphics must appear as they do in the question pool itself, "the manner of presentation is not interpreted to be of impact to Amateur Radio as long as clarity of presentation is preserved," Neustadter said.

On behalf of the QPC, he also thanked all amateurs who assisted in the effort to revise Element 2. In addition to Neustadter and Jahnke, members of the Question Pool Committee are Fred Maia, W5YI, and John Johnston, W3BE.

The Question Pool Committee now will turn its attention to developing an outline for the General class (Element 3) question pool, which will be revised during the fall of 2003. The QPC has put out a call for input by January 31, 2003, to the Element 3 syllabus and question pool.

Commenters may address specific Element 2 questions as well as inputs to the Element 3 syllabus and question pool to the Question Pool Committee via e-mail ***<qpc@arrl.org>.***

The ARRL Letter

Delaware-Lehigh Amateur Radio Club Inc.

Income & Loss Statement11/1/02 Through 11/30/02

Balance 10/31/02		**$5,380.17**
INCOME		
Club Dues	$304.00	
Donation Income		
Lehigh Wheelman	100.00	
Donation Income 50 - 50	23.00	
Interest Checking 11/15	7.07	

TOTAL INCOME		**$434.07**
EXPENSES		
Memory of LaMar Hildenbrandt	$25.00	
Memory of Dorothy K. Goodman	25.00	
Memory of Anna F. Krensavaage	25.00	
Memory of Earle Jennings	25.00	
Postage	70.00	
Supplies Frames Bryan Williams	25.44	
Telephone Nov. 15 - Dec. 14	20.48	

TOTAL EXPENSES		**$215.92**
Balance 11/30/02		**$5,598.32**

de, Dick, KA3MOU, Treasurer

For Sale

Icom IC706 MKII mint condition

with sidebander filter installed

Asking $700.00

Call

Cal O'Brian KA3THJ@ 610 838-9383

First transatlantic amateur HF digital voice QSO reported

Radio communication pioneers Ten-Tec and Thales have announced that they've used an Amateur Radio linkup to span the Atlantic on HF digital voice for the first time. Ten-Tec's Doug Smith, KF6DX, and Thales' Didier Chulot, F5MJN, successfully transmitted and received HF digital speech signals November 22 between Paris, France, and Ten-Tec's Sevierville, Tennessee, headquarters.

"We view this as a significant accomplishment," said Smith. "Amateur Radio has long been at the forefront of technological development. It's nice to be able to show that our legacy is alive and well." Tests are being conducted under the auspices of ARRL's Digital Voice Working Group, which Smith chairs. A written report on the tests is due in January.

Calling it "a major breakthrough," a Ten-Tec news release said the two amateur stations "demonstrated the advantages of digital audio during the conversation, including noise-free, FM-like reception and the potential for simultaneous voice and data." The feat was accomplished on 15 meters using Ten-Tec transceivers and Thales Communications Skywave 2000 digital audio software. Operating as F8KGG, Chulot spoke with Smith for several minutes over the HF digital link, operating within a 3-kHz bandwidth.

Smith said he and F5MJN used unmodified Ten-Tec transceivers in upper-sideband mode, although AM or FM mode also would work. No additional hardware was required beyond the cables connecting the transceiver and the microphone to the PC sound card. Smith said audio quality was roughly the same as a conventional telephone circuit. An Amateur Radio version of the Thales system is expected to appear on the market early next year. "At this stage, the system is experimental-only for ham radio, but it looks like it's going to take off," Smith predicted.

In terms of Amateur Radio, Alinco was the first manufacturer to come out with a digital voice option for some of its transceivers. ICOM debuted its D-Star digital "concept radio" system last May at the Dayton Hamvention--where Smith chaired the Digital Voice Forum--and demonstrated it at the ARRL-TAPR Digital Communications Conference in September. The unit, which operates on 1.2 GHz, was scheduled to hit the ham radio market this fall.

Technical details of the Thales system will appear in an article "International Digital Audio Broadcasting Standards: Voice Coding and Amateur Radio Applications" in the January/February issue of QEX, which he edits. The article is available on the ARRL Web site **<http://www.arrl.org/tis/info/pdf/x0301049.pdf>.**

He also has authored two articles on digital voice in QST: "Digital Voice: The Next New Mode?" <http://www.arrl.org/tis/info/pdf/0201028.pdf> in the January 2002 issue, and "Digital Voice: An Update and Forecast" **<http://www.arrl.org/tis/info/pdf/0202038.pdf>** in the February 2002 issue.

Additional images and background are available on the TAPR Web site **<http://www.tapr.org>.**

Look for the Digital Voice Forum page and the presentation by Cidric Demeure.--Ten-Tec news release; Doug Smith, KF6DX

The ARRL Letter

Dues Due

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.

Dues Reminder for 2003 Dues are due. Check your mailing label. If the label has **EXP. 12/31/02** your dues are **PAST DUE.**

Dues are as follows:

Membership 18-65 years of age

Jan. - Dec. $17.00

July - Dec. $8.50

Under 17 years,

65 or over 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

If you have any questions about dues, you can call Dick / KA3MOU at 610-837-1585.

de Dick Treasurer of DLARC W3OK

It all comes back

by Bob, WF3H

Editors note;

See orginal story on page2 of this newsletter

A few weeks ago on the Maritime Mobile net, I had the opportunity to help a distressed sailing vessel with a Coast Guard medevac. The people on board weren't licensed hams, but they sent me this thank you, which truly belongs to the whole ham radio community

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Dear Bob...

Hopefully you didn't delete this email thinking it was some scheme to make money or improve your "health" or find the lowest interest rate.

On Wednesday, Nov. 27, the day before Thanksgiving, you were a VERY important part of a very traumatic day for myself ("Kat"), a friend (Eric) and my dog (Sadie). We were on a sailboat (Diastole) in the Gulf of Mexico about 100 miles offshore from Port Isabelle, TX and desperately needed assistance.

We had started out from Progresso, Mexico 3 days earlier thinking we had at least a 5 day window to get to TX before the forecasted cold front moved through the Gulf. We would have made it safely but on day 3 the motor on the boat failed (cracked head gasket?) and the winds just weren't working with us.

We knew we would probably have to weather part of the storm but there were too many adverse conditions...severe seasickness due to severe weather, lack of sleep and a storm that was stalled around us with no end in sight for at least 3 more days. We made the decision to call for help and leave the boat. This is where you came into the picture. Despite all that was happening I made a mental note of your callsign so that I would be able to contact you to tell you how grateful I am for ALL you did to help us that afternoon.

Your voice on our radio and the professional way in which you handled the situation gave me more peace of mind than you can imagine. The Coast Guard rescue (air-lift) was terrifying (at least for me and Sadie!) as we had to get into the water with the rescue diver and swim to the basket in the water to be lifted into the helicopter.

But it was successful. Unfortunately we had to leave a lot behind but are so grateful that we are OK. We had an EPIRB on the boat and once we got settled on land we contacted a boat salvage company in Port Isabelle to try to retrieve the boat. Rick was hoping to go out on Saturday (the 30th) but was delayed until Sunday due to possible worsening weather.

Even though the Coast Guard was still receiving the signal from the EPIRB the boat was not at that location. We didn't feel the boat was at risk of sinking and there was no debris in the water so we suspect that someone else discovered it and tossed the EPIRB overboard.

All involved in helping us with this suspect that it may have been the Mex Navy. We haven't given up hope and have some people in Mex and the US trying to help us but it looks unlikely we'll ever see the boat again.

If you can offer any suggestions we'd be so grateful. Bob, thanks again for all you did to help us that day....and I hope you and your family have a wonderful holiday season.

Sincerely, Kat Brown

Dayton Hamvention Theme

Year of the Young

Hamvention 2003 to celebrate "Year of the Young": Dayton Hamvention--the world's largest Amateur Radio gathering and trade show--celebrates its 51st year and its 52nd show, Friday, May 16, through Sunday, May 18, 2003.

The focus in 2003 will be on the younger hams and attracting 12-to-18 year olds to Amateur Radio. Held at the Dayton, Ohio, Hara Arena complex, Hamvention includes forums; 500 inside exhibit spaces; and a 2500-plus space outdoor vendor area (a-k-a "the flea market"). Dayton Hamvention has become an Amateur Radio tradition for the 25,000 or so amateurs and visitors who attend each spring. More information is available on the Hamvention Web site **<http://www.hamvention.org>**.

The ARRL Letter

New Jersey Lawmaker introduced PRB-1 BILL

New Jersey State Assemblyman Matt Ahearn (D-Fair Lawn) has introduced an Amateur Radio antenna bill, Assembly Bill 3065. Ahearn is KB2PNN and an ARRL member, If approved by New Jersey lawmakers, the measure, put into the legislative hopper December 9, essentially would codify the limited federal preemption known as PRB-1 into the Garden State's statutes. The measure also would preclude regulation via any ordinance or regulation that effectively prohibits an antenna support structure of 70 feet or less above ground level--exclusive of any antenna upon the structure.

"This policy enhances the state's available pool of emergency communications volunteer operators and stations that can provide reliable emergency communications at no cost to the State or municipal governments," said Ahearn.

ARRL Hudson Division Director Frank Fallon, N2FF, said he was thrilled that there are now PRB-1 bills in both New Jersey and New York. "Our New Jersey PRB-1 Task force met over a number of months earlier this year to write a bill, and we thought we had a good one," he said. As it turned out. Ahearn put together his own bill, which he submitted. "His bill is actually better in some respects than what we came up with in that it gets the height of 70 feet into the bill in a less confrontational fashion," Fallon said.

Ahearn said his bill also would help to keep municipalities out of court. "By codifying PRB-1, the bill protects municipalities that might otherwise prohibit or unreasonably regulate such structures from the litigation that would occur because of the preemptive effect of PRB-1," he said in a statement.

Ahearn's bill would prohibit governing bodies from adopting a zoning ordinance or regulation that "prohibits or has the effect of prohibiting" the construction, maintenance or use of an Amateur Radio antenna and support structure. The measure would require municipal zoning ordinances and regulations to "reasonably regulate the location and height of those antenna structures for the purposes of health, safety or aesthetics" provided that those ordinances and regulations "permit sufficient height of those antennas and support structures so as to reasonably accommodate Amateur Radio communications."

Restrictions on antennas and support structures "shall constitute the minimum practicable regulation necessary to accomplish the legitimate purposes of the governing body enacting that ordinance or regulation," the bill states.

So far, 16 states have incorporated the essence of PRB-1 into their statutes. Laws in four states--Alaska, Orgeon, Virginia and Wyoming--specify minimum regulatory heights for antenna structures, below which local governments in those states may not regulate.

The bill, A3065, has been referred to the Housing and Local Government Committee for further consideration. The text of the proposed legislation is available on the New Jersey Legislature Web site **<http://www.njleg.state.nj.us/>**. Search on "A3065" in the "Bill Search" engine. Interested New Jersey amateurs may contact Ahearn via e-mail **<asmahearn@njleg.org>.**

The ARRL Letter

Contests:

January, 2003	
AGB NYSB Contest	0000Z - 0100Z, Jan 1
SARTG New Year RTTY Contest	0800Z - 1100Z, Jan 1
AGCW Happy New Year Contest	0900Z - 1200Z, Jan 1
AGCW QRP Winter Contest	1500Z, Jan 4 - 1500Z, Jan 5
ARRL RTTY Roundup	1800Z, Jan 4 - 2400Z, Jan 5
EUCW 160m Contest	2000Z - 2300Z, Jan 4 and 0400Z - 0700Z, Jan 5
Hunting Lions in the Air	0000Z, Jan 11 - 2400Z, Jan 12
Midwinter Contest, CW	1400Z - 2000Z, Jan 11
North American QSO Party, CW	1800Z, Jan 11 - 0600Z, Jan 12
NRAU-Baltic Contest, CW	0530Z - 0730Z, Jan 12
NRAU-Baltic Contest, SSB	0800Z - 1000Z, Jan 12
Midwinter Contest, Phone	0800Z - 1400Z, Jan 12
DARC 10-Meter Contest	0900Z - 1059Z, Jan 12
LZ Open Contest, CW	1200Z - 2000Z, Jan 18
MI QRP January CW Contest	1200Z, Jan 18 - 2359Z, Jan 19
North American QSO Party, SSB	1800Z, Jan 18 - 0600Z, Jan 19
ARRL January VHF Sweepstakes	1900Z, Jan 18 - 0400Z, Jan 20
Hungarian DX Contest	1200Z, Jan 18 - 1200Z, Jan 19
CQ 160-Meter Contest, CW	2200Z, Jan 24 - 1600Z, Jan 26
REF Contest, CW	0600Z, Jan 25 - 1800Z, Jan 26
BARTG RTTY Sprint	1200Z, Jan 25 - 1200Z, Jan 26
UBA DX Contest, SSB	1300Z, Jan 25 - 1300Z, Jan 26
February, 2003	
10-10 Inter. Winter Contest, SSB	0001Z, Feb 1 - 2400Z, Feb 2
Minnesota QSO Party	1400Z - 2359Z, Feb 1
FYBO Winter QRP Field Day	1400Z, Feb 1 - 0200Z, Feb 2
Delaware QSO Party	1700Z, Feb 1 - 0500Z, Feb 2 and 1300Z, Feb 2 - 0100Z, Feb 3
Mexico RTTY International Contest	1800Z, Feb 1 - 2400Z, Feb 2
North American Sprint, Phone	0000Z - 0400Z, Feb 2
Six Club 2nd Winter Contest	2300Z, Feb 7 - 0300Z, Feb 10
CQ/RJ WW RTTY WPX Contest	0000Z, Feb 8 - 2400Z, Feb 9
FISTS Winter Sprint	1700Z - 2100Z, Feb 8
OMISS QSO Party	1700Z, Feb 8 - 0500Z, Feb 9
RSGB 1.8 MHz Contest, CW	2100Z, Feb 8 - 0100Z, Feb 9
North American Sprint, CW	0000Z - 0400Z, Feb 9
ARRL Inter. DX Contest, CW	0000Z, Feb 15 - 2400Z, Feb 16

Thanks to Bruce Horn, WA7BNM
www.hornucopia.com/contestcal/contestcal.html

XMAS city station

continued from page 1

The set-up crew were drying out their pant legs, boots and socks, as they relaxed a bit and made conversation. The light rain and snow covered terrain had prevented the set-up from becoming too boring!

Mark K3MP and Carl AA3IX arrived for the 11-1 shift and by this time, we were on 20 meters for the rest of the weekend (with occasional tries on the other bands), since 10 meters had a contest, and 15 meters had not panned out. Bob KE3AW and Jim KB3BYU took the 1-3 shift, with relief from WD8SCX. Bob N3SNZ arrived for the 3-5 shift and his friend Erica did a good job logging. Since no one had signed up for the 5-7 shift, Bob and Erica continued to transmit, with occasional relief from the other members, including WD8SCX, whose rolling comments kept us entertained as the contact pauses sought comic relief. Bob was very excited to receive the Swaziland (Africa) call.



Bill W3BBX stopped by for a Xmas greeting. Also, a potential new member Steve stopped by to talk to KE3AW about the whole operation, and the other members tried explaining to his wife some of the Q-signals used during transmitting. She seemed interested in the whole operation, too.

Bob W3HJ arrived for the 7-9 shift, assisted by Bob KB3CSS. HJ's comments always break me up. He told callers that our station (with two Bobs) "just keeps bob, bob, bobbing along". We enjoyed the late shift, as callers wished us pleasant holiday greetings. At the end of the shift I unhooked the antenna connection as a safety precaution and cleaned up the room a bit, preparing for the next day's arrivals.

On Sunday, Jim KB3BYU manned the 9-11 shift and Bud W3BUD and Glenn K3MGP took the 11-1 shift. I arrived shortly after Noon to make sure there were more goodies available. Of course, Bud promptly scolded me for not arriving sooner with the goodies, so I hand delivered a special plate just for him! When their shift was over, Bud said that he didn't like contests that much, except for the PA QSO Party and this event.We agreed that the WX3MAS pace was more relaxing and enjoyable. The neat part of this event is seeing your Ham friends in a relaxed setting, getting caught up on their families, and receiving calls from people across the country (and world) who have former connections to our club, or who have been contacting us from the early days of our club's history. One caller asked about a callsign which we at first did not recognize, but after some quick checking, we learned that he was asking about our own Bud, who had changed his callsign.

Bob N3SNZ and Erica arrived again for the 1-3 shift. Today's thrill for him was a caller from Cambridge England. As ham's we sometimes forget the thrill of those early DX contacts. As a Tech Plus, Bob will soon upgrade to General class. Bob KE3AW brought in our first QSL card, after contacting us last night. He and Glenn N3ULW took the 3-5 shift and Dick KA3MOU arrived to pick up the 5-7 shift. Since the calls were not coming in very fast, KE3AW accused Dick of not jazzing it up enough, so Dick started with his "Ho, Ho, Ho" intro, and when that didn't work, said "the next caller will receive a free radio", and later, "the next caller will receive a free jaguar". Eventually he was receiving a number of calls.



Don KA3JWE and Mark N3NBL operated the last shift, and also helped take down the vertical, which is always a fun experience in the dark.

In all, the main station made a repectable 252 contacts covering 39 of the 50 states, including a tantalizing partial NL7?V from Alaska, and the DX contacts: Smith Parrish Bermuda, Canada, England, Spain, Nova Scotia, Saskatchewan, St. Croix, Swaziland, Aland Island on the Arctic Circle, Italy and Prince Edward Island. The 2 meter Link station received an additional 23 contacts, and the QRP-31 contacts will be added soon.

Thanks to all who helped make this event another enjoyable experience.

de Bob KB3CSS

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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The W3OK CORRAL is published monthly and is the Official Publication
of the Delaware-Lehigh Amateur Radio Club Inc.

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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 12-31-03
ROBERT A GREEN KE3AW
346 CREST DRIVE
WHITEHALL PA 18052-7204

The W3OK CORRAL
Greystone Building Gracedale Complex
RR 8
Nazareth, Pennsylvania 18064-9278

Presorted
Standard
U.S. Postage Paid
Lehigh Valley, PA
PERMIT No. 138