Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

FEBRUARY 2001

Club Meeting February 1st at IU20 Bldg

Voting DLARC Style

The meeting on Februrary 1st will feature a complete description of the new voting system on the club 146.70 repeater by **Barry, N3NVA**. The meeting will of course be held in the IU20 Building in Palmer Township.

If you need directions to get to the meeting call one of the Board Members listed on the back of this newsletter and they will give you directions.

Spring classes are just around the corner

by Bob, KE3AW

The series of 10 Monday evening classes to prepare potential amateur radio operators for entry level FCC license exams will begin March 12, 2001, 7 pm at Gracedale. Each class will run from 7 - 9 pm.

As in the past, these free classes welcome anyone interested in becoming an FCC licensed amateur radio operator. (Licensed hams are always welcome to sit in, too.) We offer both theory and Morse code instruction. **Chris/NU3L** and **George/N3SQD** will be the instructors. Please pass the word to friends, family, and acquaintances who might be interested. We've had successful students from age 8 to 80+.

So that we have an idea of the size of class to anticipate, interested persons should email **ke3aw@juno.com** or call **(610) 432-8286**, leave their name, address and telephone number, and e-mail address (if available), and any questions they might have. That's all there is to registration. Confirmation of the registration and directions to Gracedale will be provided.

Ham net helps stroke victim

via ARRL Letter

Ham net summons help for stroke victim: Jay Leonard, WB4DCP, of Clyde, North Carolina, is grateful for his Amateur Radio friends. Leonard is paralyzed except for some use of his hands, and his wife Joann helps him with routine tasks.

On January 14, Jay Leonard was enjoying a roundtable on 75 meters along with hams from several states when his wife suffered an apparent stroke. Not having access to a telephone, he issued an urgent call to those on frequency to contact his daughter, who lives some eight miles away.

Dave Baker, AF4NB, in Mt Sterling, Kentucky, immediately fielded the request, and Leonard's daughter, Renee, alerted 911 and headed for her parents' house. Joann Leonard subsequently was hospitalized. ARRL Assistant Kentucky Section Manager Tom Lykins, K4LID, says he's been advised by Jay Leonard that his wife suffered paralysis on her left side and will be in treatment for some time. Jay Leonard's daughter and brother will be helping him out in the meantime.--thanks to Tom Lykins, K4LID, and Dave Smith, W8YZ

The ARRL Letter

Check your mail label if the date is 12/30/00 and you do not renew by the February meeting. We will be removing you as a member. Any questions contact Dick, KA3MOU, treasurer

Val Sez

by Val, W3EFL

For those who thought the hardest part of Physics 101 was the constant conversion from MKS or CGS units to English units, here are some useful English system conversions.



Ratio of an igloo's circumference to its diameter: **Eskimo Pi**

2000 pounds of Chinese soup: **Won ton**

1 millionth of a mouthwash: **1 microscope**

Time between slipping on a peel and smacking the pavement: **1 bananosecond**

Weight an evangelist carries with God: **1 billigram**

Time it takes to sail 220 yards at **1 nautical mile per hour: Knot-furlong**

365.25 days of drinking low-calorie beer because it's less filling: 1 lite year

16.5 feet in the Twilight Zone: **1 Rod Serling**

Half of a large intestine: **1 semicolon**

1000 aches: **1 megahurtz**

Basic unit of laryngitis: **1 hoarsepower**

Shortest distance between two jokes: **A straight line**

453.6 graham crackers: **1 pound cake**

1 million-million microphones: **1 megaphone**

1 million bicycles: **2 megacycles**

365.25 days: **1 unicycle**

2000 mockingbirds: **two kilomockingbirds (work on it....)**

10 cards: **1 decacards**

1 kilogram of falling figs: **1 Fig Newton**

1000 grams of wet socks: **1 literhosen**

1 millionth of a fish: **1 microfiche**

1 trillion pins: **1 terrapin**

10 rations: **1 decoration**

100 rations: **1 C-ration**

2 monograms: **1 diagram**

8 nickels: **2 paradigms**

2.4 statute miles of intravenous surgical tubing at Yale University Hospital: **1 I.V. League**

100 Senators: **Not 1 decision.**

Ham radio comes thru again

by Bob, WF3H

Just when you think it can't get stranger in ham radio, something unique comes up. I was listening to the Maritime net on 14300 KHz Christmas Eve when XE2/KF6YZX, Mary, came on frequency from a sailboat off Baha, California with a veterinary emergency. Her dog had been bitten by something while they were ashore, and its face was swelling. I placed a call to my niece's father-in-law, Paul Garbaccio, DVM, in New York, and, with relay assistance provided by AG4I in North Carolina, he passed along first aid info for the dog. The dog, and its owner, are both doing fine.

She was, of course, very grateful, and Paul, who wasn't a ham, thought it was one of the most interesting calls he'd received in awhile. A nice little Christmas gift for a furry friend, via ham radio.

de Bob WF3H

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2 meter H-T comes through

Snowbound ham uses 2-meter H-T to call for help: Suffering recently from bronchitis and pneumonia, Jim Stewart, KK7VL, a homesteader in a secluded area near Bettas Pass, Washington, used his 2-meter hand-held to summon help. Stewart called his friend, Jim Flint, W7TXU, on the Kittitas County Repeater Association's repeater, advising him of his worsening condition and requesting assistance.

Flint, a member of the Kittitas County Search and Rescue team, enlisted the help of Deputy Sheriff Robb Lipp. But, snowdrifts prevented them from reaching Stewart's home. A snowmobiler passing by took the rescuers to Stewart's house. Lipp then used his GPS and radio to guide a rescue helicopter to the scene, and Stewart was airlifted to a hospital in Yakima.

"Many of our present rescue team members are already hams," said Flint, "and as a result of this rescue being reported on local radio, several people have called and asked to join our team, and to learn more about Amateur Radio."--*The Daily Record (Ellensburg, Washington)*

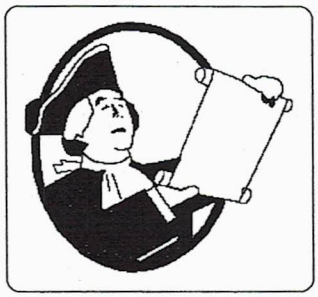
The ARRL Letter

Just the Minutes

Jill Brodt, N3ZSR

President Don Reamer, KA3JWE called the January 4th club meeting to order at 7:32 PM, with 41 members and 7 guests present.

The meeting minutes for December were accepted as they appeared in the newsletter with a motion from Ed, W3APE, and seconded by John, WX3C.



The Treasurer's Report shown elsewhere in this newletter was accepted with a motion from Blair, K3YD, and seconded by George, N3SQD. There are presently 281 club members.

Barry, N3NVA reported that we now have 4 voters on site, and that there is a small problem with the Wind Gap site. The UHF has a bad crystal yet. Next month Barry will give a program on the way the voters work.

The VE Session for January will be held at IU20, with 6 pre-registered testers. Bill, N2DH reported that now that he and his wife Thalia, KB3CSR are doing the sessions they are going to have pre-registrations.

The following guests were welcomed to the meeting, Dick, KB3FWT / Doug, N2RDF / Pat, AJ3B / Jamie, KF4ERW / Barry, KD3FMI and Charlie, KD3FDM

Fred Lanche, N3QLU was reinstated as a club member, on a motion from Dave, N3YET and seconded by Bob, KE3AW.

John Barbaz, (call pending), Larry Miller, KB3FLO, and Jeff Welsh, KB3ELT were voted into membership on a motion from Ray, W3TDF, and seconded by Dick, KA3MOU.

Bob Esch, Christmas City Chairman, showed the QSL cards to be printed. He asked for input as to whether the cards should be printed in color or black ink, and the type and color of paper we should use. It was decided that we would ask for club members with colored printers to volunteer to print 100 copies, so that we could send the QSL in color.

Don reported that there was no update on the phone line at the repeater site.

Blair asked about the status of the milkhouse. We are going to hopefully, get a radio set up in there. It is a hassle to even get the key when a club member goes there to get into the milkhouse. There was a large discussion about looking for a new location for our club station. If anyone has an idea about a new location they should let a board member know.

Bob, KE3AW reported that entry-level classes would start on March 12th.

Ray, W3TDF announced that he has 15 years of the W3OK newsletters. Barry, N3NVA made a motion that the club should keep them and Bob, KE3AW seconded.

Don announced that the board was looking for nominations for the Amy Zimmerman Award to be presented at our March meeting. Please e-mail any board member with your nomination. The club member receiving this award should be a person that ~~most~~ exemelifies work in Community Service like Amy did.

Don talked about meeting B, and encouraged new members and guests to come to meeting B to get to know other club members.

The program for the evening was on Computer Sound Card Applications for Ham Radio.

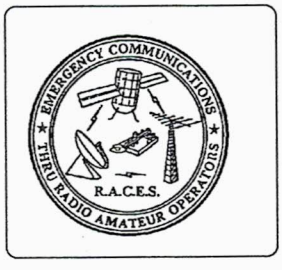
The meeting was adjourned at 8:25 PM on a motion from Dick, KA3MOU and seconded by John, WX3C.

Jill, N3ZSR, Secretary

4-wheel drive availability

by Jeff, N3QZT

We are well into the snow season and have already experienced a snowstorm. It is time to update the list of those **ARES / RACES** members who can provide 4 wheel drive vehicle transportation in case it is needed.



We have a list of some members but need to make sure that these Hams are still available and also to add any new Hams to the list. If you have a 4 wheel drive vehicle and would like to help out in an emergency let **Dick / KA3MOU** or **Jeff / N3QZT** know.

Thanks

de Jeff N3QZT

You Asked for it !!!

How I got started

by Mark, K3MP

While cooking at a church breakfast, I was listening to Carl (then KA3ZWT), now AA3IX and Frank (W3IYG) SK talking about ham radio. This peaked my interest, having been a radioman in the Navy from 1971 - 1975. So of course, nosy me, asked Carl and Frank about radio and talked with them as we were cooking breakfast.

Carl informed me of DLARC classes and I made the phone call to WA3T, Robin. I enrolled in Class in September 1993. If you remember when you fill out the information for the club classes they wanted to know what interested you about radio. I had mentioned that I was a radioman in the Navy and was immediately pegged a ringer.

Now its been 18yrs since I had to do any morse code. I passed my 5wpm with a breeze. So on Oct 30th, 1993, passed 1A and element 2. I didn't get my license until December 21, 1993 and at that time you were not to use the radio until the license was in your hand. What a Christmas present receiving my ham license, KB3AZR, and getting the Kenwood TS-450 delivered on the same day, December 23rd.

At that time I built a 20mtr dipole and had my first QSO with Germany of course on CW (A1A). My desire to upgrade came quick with Carl and Frank always encouraging me. Of course, George, AA3JU kept pushing me and it was well received. I had it in me just need a little prod. November of 93, I upgraded to Tech Plus. (Oh Boy, more privileges). Then to General, in March 94, breezing through the 13 wpm. I kept hearing that the advanced test was the hardest, they were right. But with time I eventually passed it December 1994. Well, with all this going on Carl had become an Extra and Frank was still a general. Carl kept teasing Frank that I would be an extra before him. So for the next year or so I worked on my code with Dave, N3JGX and Norm N3JAF on 28.175Mhz, nightly.

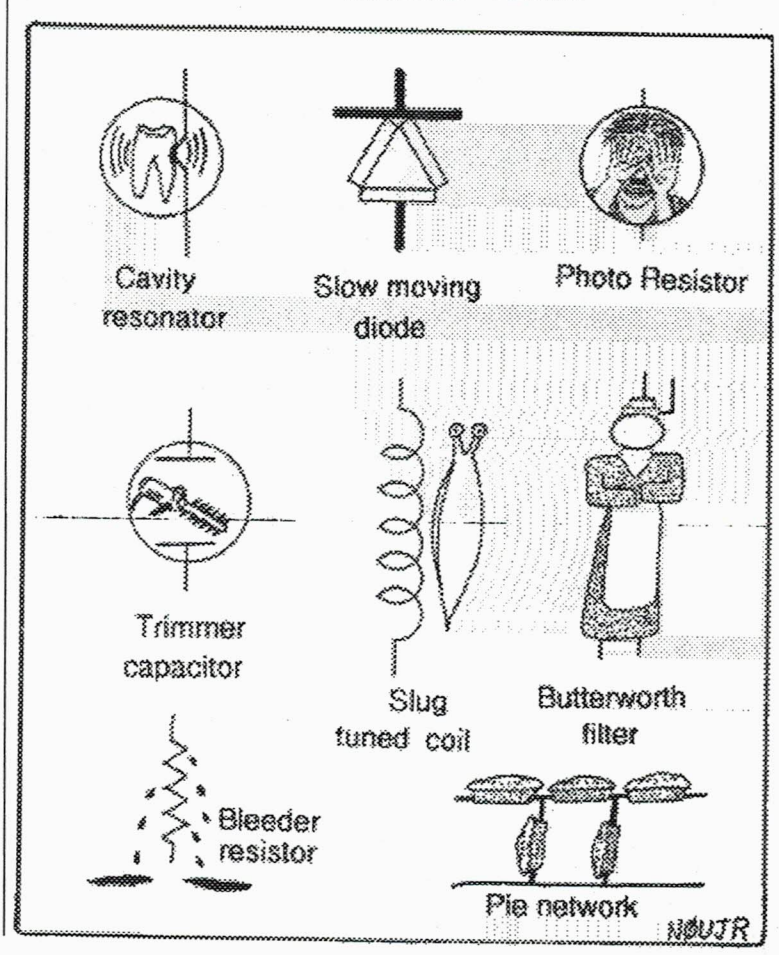
Those guys are great and really improved my code abilities. I took the code test 4 times until I finally passed the 20wpm in December November 1996. It was very ironic, flunking these tests and then going into the shack at Gracedale and working Norm and Dave at 25 - 30 WPM, with Robin WA3T, Ray, W3TDF and Chris, NU3L coming in and wondering why I had just flunked the test for the 4th time and can work the code on the air at 25 - 30 wpm. I hated tests, but loved rag chewing on CW. With that I finally passed my code test the next time I took it.

I became a VE and helped Robin out once I became an Advanced. I took over the VE testing sessions for Robin, when I became an extra, for the next two years and had the privilege of seeing Frank Lisicky (SK) W3IYG become an Extra.

This was probably the best thing that happened to me. Giving the test to one of my Elmers and him becoming an Extra. I it seems fitting now that I am the proud owner of my Elmer's radio equipment since Frank passed away around Valentine's Day 1999. Frank was always there for me and for Carl, AA3IX, and now he was here for me with his equipment. One cannot ask for a better place for Frank's equipment but with the person he Elmered. Thanks Frank, it will be put to good use. I intend to better my code to get up to speed with K3ANS, K3NZ, W3EA contesting world.

The club has done a lot for me, spiking my interests in all facets of radio. I do enjoy contesting at my pace, not the fast world yet and working CW on FISTS and LSB with ECARS You could usually catch me on HF mobile or on the repeater.

de K3MP Mark.



Little known standard electronic symbols.

DLARCforum

by Don, KA3JWE

Hello Everyone,

Now that the **DLARCforum** has been in operation for a while I am glad to see that it is being used to get information out to the membership on a variety of topics. However, there are a few items that I feel need to be re-explained so that things operate more smoothly.



1. Since I am the custodian of the list, I get all of the messages that don't go through. I have been noticing an increase in the number of messages that are being **BOUNCED** because of improper formatting. So, PLEASE remember to send only **PLAIN TEXT** when posting a message. If you are using Outlook Express and have ***DLARCforum@qth.net*** in your address book, there is a checkbox in the properties section where you can specify that the messages sent to that address are in **PLAIN TEXT**. Please check this box and the program will remind you to use plain text format. Other email programs probably have a similar feature, so please turn it on in your program if it's available.

2. If you send a message and you don't see it come back to your mailbox within a reasonable amount of time (a few minutes at the least to maybe an hour or two if the system is really busy) you should realize that something went wrong and it was BOUNCED. I usually try to inform the sender that it was BOUNCED and explain the reason but I am getting tired of having to restate the obvious.

3. If you want to reply to a posted message, please decide if your reply needs to go to everyone on the list or just the person that posted the message. Unless your reply needs to be viewed by everyone, please reply only to the sender.

4. Try to be conservative with the number and frequency of messages posted to the DLARCforum. If list members mailboxes are being flooded with too many messages they will either go unread, be filtered out or the list member will unsubscribe themselves from the list altogether defeating the purpose and intent of the reflector.

5. When you send a message to DLARCforum you must send it from the email address that is subscribed to the list. If you send your message using a different address (like your work email address) it will be BOUNCED because the system doesn't have your work address in its database. If you want to subscribe multiple addresses, that's fine. You will be able to send and receive from wherever you are.

6. If you are subscribed with a forwarding type email address like XXXXX@arrl.net you will be able to receive messages from DLARCforum but you will NOT be able to post messages to the DLARCforum. You must use an email account that permits outgoing messages.

7. If you have any questions, please feel free to ask. We want to make the reflector easy to use and maintenance free.

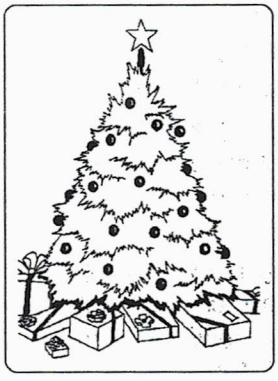
73 Don - KA3JWE

Xmas City after thought

by Jim, KB3BYU

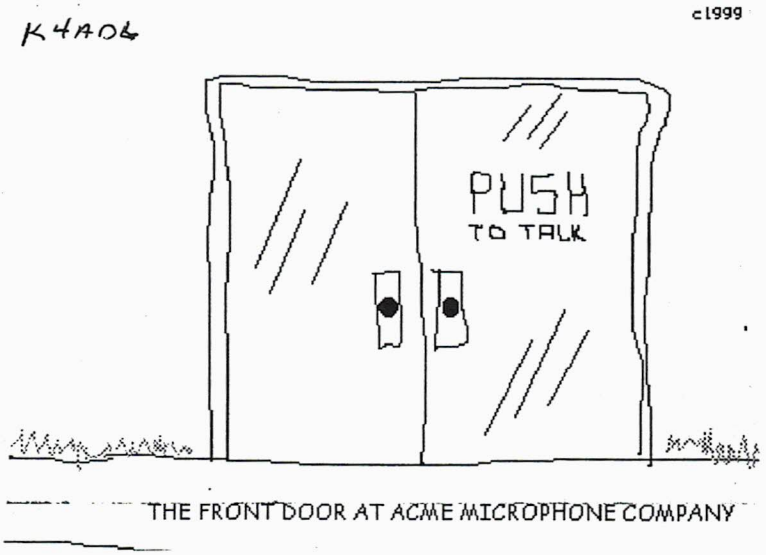
I just wanted to say what a great time I had operating the **WX3MAS** station.

My status as a General is only a week old, but I now have the itch to set up my station. In a bit of unintended drama I found myself paired up with a couple of Tech plus operators, which made me the **CONTROL OPERATOR** (who said God doesn't have a sense of humor). I felt like the second lieutenant fresh out of **ROTC** who suddenly finds himself thrown into battle. Fortunately everything came off without a hitch.



Thanks to all of the volunteers who give their time so freely to make this event a success. You can count on me to participate every year.

de Jim, KB3BYU



New FCC System Yields Fast License Grants

The FCC's new system to handle batch filed amateur applications from Volunteer Examiner Coordinators has cut processing time from hours to minutes. The FCC inaugurated the more rapid amateur license application processing system December 28.

"Way to go, FCC!" said an enthusiastic ARRL-VEC Manager Bart Jahnke, W9JJ, after his office fed its first batch of license applications into the system. Jahnke says processing of five dozen ARRL-VEC applications took about 50 minutes. The W4VEC in North Carolina and Central America VEC also took advantage of the new system for the first time.

Except for a two-hour window right after midnight each day, the speedy new system looks for VEC submissions each hour on the half hour. With FCC license grant processing now measured in terms of hours instead of days, the major factor now determining the time from exam to license grant is how quickly VE teams get their test results to their VECs.

The FCC has been estimating a processing window of up to 90 minutes, depending on volume and arrival time. License grant results should be available immediately on the Universal Licensing System Web site, http://www.fcc.gov/wtb/uls, using the license search option. Once a grant is in the FCC database, the licensee has operating privileges.

Applications processed by the FCC one day will appear in the public update ("zip") files the following morning. Public call sign servers on the Internet should be able to update within 24 hours after FCC action--rather than the 48 hours that's now typical.

On-line filings from individuals, weekend filings and FCC-manually processed applications filed to Gettysburg will continue to be handled as they are now. These are batched for midnight processing, and weekend filings will not queue up until Monday midnight.

via ARRL bulletin.ARLB051

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

Balance 11/30/00		**$6,103.12**
INCOME		
Donation Income Fifty-Fifty	33.00	
Dues Arrl	1,008.00	
VE Test Session	130.00	
TOTAL INCOME		**1,171.00**
EXPENSES		
Postage	80.00	
Renewal ARRL	101.00	
Supplies	30.00	
Telephone	32.69	
TOTAL EXPENSES	**$243.69**	
TOTAL INCOME-EXPENSES	**927.31**	
Balance 12/31/00		**$7,030.43**

de,Dick,KA3MOU,Treasurer

VE Test Session Date: 1/7/01

James Bjornbak, KKF4ERV Upgrade to General
S. Bryan Williams, KB3EVX Upgrade to Extra
Scott Lyter, new license , no code Tech
Ktistina Bradley, new license, no code Tech

VE's were:
Joe W3JD, Bill NC3Pand Bob, KE3AW
Running the show,N2DH and KB3CSR

de Bill N2DH

Amy Zimmerman Award

The D.L.A.R.C. Executive Committee is seeking nominations of club members for an award to be presented in memory of Amy Zimmerman, KD3TI, to an individual for their dedication to amateur radio. This person should be someone who embodies the spirit of our hobby, much the same way that Amy did, and who demonstrates that spirit by his or her actions or deeds. This spirit could be anything from a long-term dedication to the hobby to an outstanding single action or deed which deserves to be recognized.

The Amy Zimmerman Award will be presented in March so please contact any Board member with your nominations or suggestions. Thank you.

de Don, KA3JWE

Dues Past Due.

by Dick,KA3MOU,treasurer

Check your mailing label. If your label is **12-31-00** your dues are past due. Your dues must be paid by **February 10th**. to make the club directory. If your dues are not paid by the **MARCH** meeting, you will have to fill out and application to be reinstated for membership.

At 12/31/00 the club membership **281**. There are a total of **104** members who have not paid their **2001** dues. The membership now stands at **177** members. Paying your dues by check, make the check out to **DLARC**. If paying your dues at a meeting. Use an envelope with your call on the outside of the envelope. If you mail your dues, mail the dues to:

RICHARD A DECH
120 MCILHANEY AVENUE
BATH PA 18014-1612
de Dick Treasurer of DLARC

ARRL Foundation Scholarships

ARRL Foundation scholarships deadline is February 1: Through the generosity of many individuals and Amateur Radio clubs, the **ARRL Foundation** offers at least 26 academic scholarships ranging from $500 to $5000. Each of these scholarships is intended exclusively for educational use, to provide assistance with costs of tuition, room, board, books and/or other fees essential to the advanced education of the recipient.

All ARRL Foundation scholarships are listed on **ARRLWeb, http://www.arrl.org/arrlf/scholgen.html.**

The site includes information on eligibility requirements, award amounts, the sponsoring club/individual and more, plus an application form. Completed applications and transcripts are due to The ARRL Foundation Inc Scholarship Program, 225 Main St, Newington, CT 06111 postmarked by February 1, 2001. There are no exceptions! For more information, contact the ARRL Foundation, foundation@arrl.org or 860-594-0230.

The ARRL Letter

FCC Chairman Kennard Announces Resignation

FCC Chairman William E. Kennard has announced his resignation, effective January 19. Kennard, a Democrat, said he leaves the office with great pride in the FCC's accomplishments and with deep gratitude for having had an opportunity to serve the American public.

Kennard's resignation was expected once the AOL-Time Warner merger received FCC approval. That happened January 11. It's been widely speculated that President-Elect George W. Bush will name Republican FCC commissioner Michael Powell--the son of Secretary of State-Designate Gen Colin Powell--to replace Kennard as FCC chairman.

The agency's first African-American chairman, Kennard presided over the FCC during a period when the FCC implemented historic legislation to bring competition to communications markets. During his three-year tenure, Kennard promoted competition and consumer choice in the telecommunications marketplace, encouraged the rollout of broadband and digital technologies, expanded access to technology and streamlined and revamped the FCC.

In implementing the 1996 Telecommunications Act, Kennard said he aimed to create a marketplace where "monopoly is ended, innovation and entrepreneurship are cherished, and consumers have competitive choice."

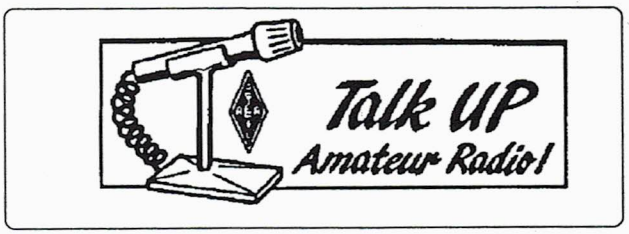
Kennard made bridging the Digital Divide a top priority. During his tenure, the FCC successfully implemented the E-Rate program, which connected 95 percent of the nation's schools and more than one million classrooms to the Internet.

"We must bring the benefits of the Digital Age to all Americans," said Kennard. "From the business districts to the barrios, from those with every advantage to those with disabilities, from the young to the old, from suburban enclaves to the rural heartland."

His achievements include establishing a Disabilities Rights Office at the FCC, bringing new telephone service to over one million low-income Native Americans on tribal lands, and creating a new low-power radio service for school, church, and community use.

For the next few months, Kennard will serve as a senior fellow of the Aspen Institute Communications and Society Program in Washington.

via ARRL Bulletin



WW II LST with ham radio aboard completes transatlantic trip

World War II Tank Landing Ship LST-325 this week completed its 4200-mile journey from the Greek island of Crete to Mobile, Alabama. Executive Officer **Jack Carter, KC6WYX**, using the **WW2LST** call sign of the **USS LST Amateur Radio Club,** has operated an onboard 100 W rig on 20-meter SSB throughout the voyage and worked several stations in the US and elsewhere along the way.

According to a report in Stars and Stripes, 29 sailors--men in their 60s, 70s and older--signed on, determined to deliver this ship to a permanent berth in Mobile to be used as a floating museum. Most of the sailors are US Navy retirees. Each paid $2100 for the privilege of reliving some of the excitement of their Navy years. Carter, a 71-year-old retired electrical engineer, told Stars and Stripes he's feeling better now than he has in 12 years. He also expressed the hope that he and his crew might serve as a motivation for other seniors to embark on their own journeys.

The group received more than $70,000 in private donations to repair the ship. British Petroleum and Phillips Oil Company donated a substantial amount of fuel and money toward the venture. Additional details of the voyage are on the US LST Memorial/Museum Ship Web site, **http://www.palosverdes.com/lst887/lst325.html**

.. ***the ARRL Letter***

Need Computer

by Charlie, WA3RSQ

I am looking for another PC. If you anyone in the club that has one for sale let me know.

It should be 100 Mhz or better. CD ROM. 28.8 modem or better and sound card. Win 95 or 98 OK.

I only need the computer, no monitor, keyboard or speakers.

wxdata@enter.net

de Charlie WA3RSQ

Silent Key WB3BEJ
Frank P. McCluskey Jr

Frank P. McCluskey Jr. 91 years old of Easton became a Silent Key on December 30th. He was a member of the Delaware-Lehigh Amateur Radio club until 1998.

He was a consulting engineer for the Pennsylvania Turnpike Commission and then became Supervisor of Residence Halls at Lafayette College.

How I Got Started in Ham Radio

by Joel, K9TBD

One day ~~when I~~ was thirteen or so, I ~~looked~~ curiously in the fruit cellar for anything that might be of interest. There were, sieves, Ball Jars, squeezing things, presses and other canning archives, but, there was an upside-down bread tin with silver bottles mounted on the top-side.

There were:

Knobs on the front Silvery bottles stuck on the top Toilet paper tubes with wires wound around them Aluminum fans that would intermesh like fingers of your two hands And all sorts of wondrous and new things.

I asked my father what this thing was.

He said, "That is a wireless 160 meter transmitter.

I responded, "What can you do with that?"

He said, "You can talk to people."

I said, "I can do that with a telephone."

He said, "This is wireless."

That did it!

I studied for my novice license. Pop helped me. I got my novice ticket about one year later. He caught my enthusiasm and got his license again as **K9YYB**. Amateurs had to become silent during the second world war. He operated ([pre-FCC] spark days) then **W9IDI** as his original call.

My brother caught the fever and became **WA9FIO** a few years later. When my father passed away, my brother and I gave Mom the Heathkit code and theory course. A year later she became **KA9LLB** (at the age of 73), first a novice then a year after that a general.

Looking at my basement today (and those of my other ham friends), I think my fathers statement:

But, This is wireless is a bit of a misnomer.

That is how I got started in Ham Radio.

It kept me thinking about electricity and how it works (Tom Swift and your Electric Grandmother - eat your heart out). I kept asking myself questions about how it works many times without answer, pursuing degrees until no one could answer my questions (Ph.D. in EE).

de Joel, K9TBD

Canada proposes reduced Morse Requirement

Industry Canada--the Canadian equivalent of the FCC--has proposed to discontinue that country's 12 WPM Morse code requirement in favor of a 5 WPM requirement for full HF operating privileges. Radio Amateurs of Canada sought the action last year, urging IC to drop the 12 WPM requirement. IC says it has received "a number of petitions" from those who contend there's no longer any justification for a 12 WPM Morse requirement.

RAC President Kenneth Oelke, VE6AFO, last year wrote the IC to recommend that full HF operating privileges be granted to amateurs who have passed a 5 WPM Morse test. At the same time, he requested that the IC consider beefing up written tests and to include more questions on modern modes of communication employed by radio amateurs.

Industry Canada has invited comments on its proposal--preferably via e-mail--from interested parties in Canada addressed to "Chief, Authorization" at dospaa@ic.gc.ca. Comments also may be sent by mail to Chief, Authorization, Spectrum Management Operations Directorate, Room 1588D, 300 Slater St, Ottawa, ON K1A0C8. Comments are due within 60 days. Comments received will be available for public viewing on Industry Canada's Web site, http://strategis.ic.gc.ca/spectrum .

The RAC has said that a move to a uniform 5 WPM Morse requirement for HF access would "be in harmony with what is happening in other parts of the world and would simplify the negotiation and implementation of reciprocal operating agreements."

RAC says the proposal would give Canadian radio amateurs operating privileges similar to those currently accorded to US amateurs who successfully pass a 5 WPM Morse test. "Industry Canada is aware that a review of the international regulations governing the Amateur Services will take place at the next World Radio Conference currently scheduled for 2003," the RAC has said.

For more information, visit the IC "Radiocommunication Act" page, **http://strategis.ic.gc.ca/SSG/sf05327e.html..**

The ARRL Letter

Voting DLARC Style

by Barry, N3NVA

The 146.700 repeater is now voting receive signals from 4 locations. 1. Nazareth 2. Easton 3. Savercool Mtn. 4. Wind Gap Mtn.

Soon we will add the Ironton site to the system.

To take advantage of the voting system you will need a **PL 151.4** to pass your signal to the voter which is located at the main site in Nazareth. The Nazareth site has no PL required at this time (Carrier Squelch).

The remote sites are linked via fiber-optic cable supplied by Service Electric. They are giving us the sites and fiber because of our relationship with Northampton County ARES/RACES.

What the voting system does is any site that is receiving your signal with PL, it passes the audio down the fiber to the Nazareth site into the GE voter to separate modules which process the audio and pass it to the voter module which compares the signal to noise S/N and then passes the selected audio to the controller to pass it out the repeater transmitter.

AT ANY TIME your signal may be picked up by **ANY OR** all the **VOTER REPEATER SITES, DEPENDING ON WHICH ONE(S) 'HEAR' IT BEST.** This if set up properly will be transparent to the listeners.

We need to thank all those involved in this project: **Charley Adams K3HKZ** owner of Industrial Communications for the GE Voter and giving us the time at work to works on the project. By the way this voter cost over $3000 new. Don **KA3JWE** for getting us the Motorola rx units and his work on realigning them for our frequency. *Ken **WA3MQY** from my work place Industrial Communications for interfacing the Master II repeater to the voter. **Jeff N3MFT** for his part in getting us the Fiber-optic Linking and connecting the receivers to their sites. **Ed N3MSK** for letting us tap into his dual band antenna at Wind Gap.

There are still some bugs to fix but as a whole, there is a major improvement on 70, you should be able to have HT coverage in the Valley now.

I will be doing a talk at the November meeting about the voting system, how we got to this and how it works. ***de Barry N3NVA***

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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http://www.dlarc.org

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