THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

RD #4
GREYSTONE BUILDING
NAZARETH, PA
18064

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* JANUARY 4, 1990 *
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CONTESTING, HOW TO DO IT

HEAR IT FROM AN EXPERT
by Bill K3ANS

Steve Sussman, W3BGN, of Pipersville will be the speaker at the January 4, 1990 meeting of DLARC. His subject will be CONTESTING, for which he is famous. DLARC has many excellent contesters, but none volunteered to speak. He will show the contest video program from the Frankford Radio Club. FRC is one of the top contest clubs in the world. Steve is past President. He will also lead a discussion of the various types and styles of contests and awards which can be won. He is counting on questions and comments from the group.

Some of Steve's accomplishments: Contesting since 1962; operated many single and multi stations; For a period of 15 years he has been in the top ten listings of the 2 principal DX contests by ARRL and CQ. He won the Seville contest and received a free trip for he and his wife to Spain for a week. Contesting pays!! He has won the 160 meter contest and a few ARRL contests. Steve is an excellent CW and Phone operator. He has his extra class FCC license. He was first licensed in 1955. His father and brother are hams, as are several other relatives.

Steve recently won the ARRL 1989 CW DX Multi-single class nationally. And won the ARRL 1988 SSB DX Multi-single class nationally.

This will be a truly exciting program. All hams can aspire to acquire Steve's skills and antennas. Besides he is a very nice guy, a real Elmer.

73, Bill, K3ANS

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IF THERE IS A RED LINE ON YOUR MAILING LABEL, YOUR DUES ARE NOT PAID **AS OF DECEMBER 15TH..SEND YOUR MONEY TO TREASURER KA3MNY TODAY!**

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1990 BOY SCOUT KLONDIKE
by Bill, KA3RBH

We have again been asked for help in providing communications for the Klondike for 2 Boy Scout districts on January 27th beginning at 7:30 AM at Camp Trexler.

If you will help, and it is urgently needed, contact either Vern, N5IEP or me as soon as possible either on 70 or by phone.

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NOVICE CLASS UPDATE
by Daryl, K3EX

As you know we had 23 students officially register for the course. As of December 18th, 10 had passed both code and written elements. Their 610 forms have been sent to Gettysburg and we are hoping for a prompt response from the FCC. Here are the names of those who passed:

Debra Nail	Allentown
Joe Harakal	N. Catasaqua
John Hoffnagle	Allentown
Jackson Mayo	Allentown
Robert Nail	Allentown
Bob Puharic	Whitehall
Paul Stadler	Nazareth
Shawn Vassilaros	Wescosville
Pat Vassilaros	Wescosville
Peter Ryan	Bethlehem

Pat and Shawn are the wife and son of KA0PUF. All who passed become members of DLARC for one year at no charge.

We expect to be pairing up the students and the Elmer volunteers in the next week or so. Robin is handling that part of the program. If you haven't volunteered do so!

I want to acknowledge all the effort by Chris, NU3L and Robin, KD3HS. We've been sharing the workload fairly evenly. Also, forgot to note that Jackson Mayo is the 7 year old. He will be the youngest member of DLARC. de Daryl, K3EX

U.S.GOVERNMENT FREQUENCY CHART AVAILABLE

by Gary Wilson, WB2BOO

I just discovered a great bargain for the wall of your shack.

It's a 36" by 50" full color, glossy poster entitled "United States Frequency Allocations" prepared by the Dept of Commerce's National Telecommunications & Information Administration. Showing everything from 9KHz to 300GHz as of March 1988, it is quite useful for explaining how different radio spectra are used for different communication distances and bandwidths.

I got it from the US Government Printing Office for $2.75 total (no tax or shipping costs apply!).

The GPO stock number is 003--000-00652-2. You can order it by phone at (202) 783-3238. The GPO takes Mastercard or Visa.

Since your tax dollars helped prepare it, you might as well get one at this price!

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VALSEZ

by Val, W3EFL

The best things in life are not free, they're expensive. Good health is an example.

Not everyone has a right to his own opinion. If he doesn't know the facts, his opinion don't count.

If you think you may possibly have forgotten something, no doubt about it. You've forgotten something.

If you want something you can't have, it is usually best to change what you want.

Anything you look for in the Yellow Pages will not be listed in the category you first try to find in under. Start with the second. Keep in mind that cars are under A for automobiles.

One of the best things about life is that we are happy more than we are unhappy.

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IF YOU HAVEN'T PAID YOUR DUES

SEND IT QUICK TO :

Roy Buss, KA3MNY

220 E. Chestnut Street

Nazareth, PA 18064

Be sure to make it out payable to the Delaware Lehigh Amateur Radio club or DLARC.

(Roy Don't need the money)

BE PREPARED

by Clarence W3PYF

At long last, the 1989 edition of the Radio Merit Badge pamphlet has been published by the Boy Scouts of America, and is available through local Scout councils and distributors.

The new edition replaces a pamphlet written in the early 1960's, and is up-to-date with the newest merit badge requirements and Novice enhancement.

Here is a chance for us to go out and PUSH Radio Merit Badges to the Scouts. This is an ideal way to recruit enthusiastic new hams into our ranks, and to enhance the Scouting program - a benefit to both groups.

If you are already registered as a counsellor with your local Scout Council, be sure to get a copy of the book. If you are not, get registered! Call the Minsi Trail Council and volunteer to work with Scouts on the badge. offer to present a program on Ham Radio at troop meetings. Set up a demonstration station during the Jamboree on the Air (JOTA) (October 20-21, 1990).

In short, if we don't start to get some more hams into the hobby - and this is a great way to do it, neither Amateur Radio or Radio Merit badges will survive the next generation.

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WANTED!

Ken KA3EED, is looking for an AC power supply to run his TS440..Should be 30 or 40 amps..If you have one, call him at 759-6306.

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WE ALL KNOW ONE

There was the radio club pest who fell into a swimming pool at the deep end. He couldn't swim but one of the members jumped in to save him. When the club pest asked how he could reward his savior, the reply came quickly!

"Don't tell any of the other members about this."

Courtesy, Ann KO3M

INDUCTORS
By Van K3CP

Ima Lidd wanted to continue his study of the basic electronic components. He decided to ask his Elmer about inductors. Elmer said that inductors came in different shapes and designs. Some were wound on hollow tubes. Others were air wound and some were wound around cores of different materials. He explained to Ima that their main purpose in electronic circuits was that of impeding or opposing the change in current flowing through them. A single straight wire opposes the changing of current flowing through it. Elmer went on to explain that current flowing through the wire created a magnetic field about it. This field or area can be detected by putting a compass close to the wire while current is flowing.

The effectiveness of this simple inductor can be greatly increased by forming the wire into a coil. Elmer put a coil in a circuit with a battery and a switch. He explained to Ima that when the switch was closed the current through the inductor changed. It went from zero to maximum. The opposition to the current flow ceased when the current reached maximum. This puzzled Ima. He thought the effect of the coil would be greatest when the current was at the maximum. Elmer said no and repeated what he said earlier. The inductor opposes change in current flow. When the current went from zero to maximum it was changing, but once reaching maximum, it stayed there as long as the switch remained closed. When the switch was opened, however, the current changed again. The field surrounding the coil collapsed. The important thing to remember was that the influence of the coil was greatest when current through it was changing, either increasing or decreasing. The effect of the coil is known as inductive reactance and it exists only when the current is changing. There is no inductive reactance when the current is constant.

The field going from zero to maximum cuts through the turns and produces a voltage that is independent of the battery. When this field collapses, it also produces a voltage. This voltage stands across the terminals of the coil and creates a current flow that can add to or subtract from the overall current flow. When an alternating voltage is applied to the above circuit instead of the battery, the current is constantly changing. It goes from zero to maximum and then to zero and then, reversing itself from zero to maximum and to zero again. This produces a magnet having a north pole at one end and a south pole at the other end depending on which half of the AC cycle we are in. If this inductor were placed on pivots or bearings and brought near a magnet of opposite polarity, we would have a simple motor. As the north pole of the coil (rotor) approached an opposite pole magnet it would be pulled toward it. As the field reversed in the coil its polarity would change and repel itself away from the stationary magnet (stator). Some analog meters (the ones with the pointer) use the same idea. The pointer is attached to a movable magnet coil and placed on bearings. This structure is then surrounded by a fixed magnet. The two leads from the coil are then connected in a circuit with a power source. When current flows through the coil, it creates a magnet. The strength of this magnetic field depends on the amount of current and that determines how far the pointer moves.

Elmer said that if you place another coil near the first one, it will be effected by what is happening to the first one. For example:- When the current is changing in coil A, its field is rising and falling. This results in the magnetic lines of force cutting through the turns of coil B. If coil A and coil B are wound on the same form or core, this effect can be greatly enhanced. Elmer asked Ima if he knew what this arrangement was called. Ima said he thought it was called a transformer. He was right. Elmer said the voltage produced in coil B (the secondary) was dependent upon the ratio of turns between it and coil A (the primary). Putting 120 volts on the primary coil of a transformer containing 100 turns on the primary and 10 turns in the secondary would result in 12 volts on the secondary. If the primary and secondary were reversed the resulting voltage would be 1200 volts.

Elmer decided that was enough theory for one session but he promised Ima he would continue the discussion on coils the next time. de Van, K3CP

WHERE ARE YOU AT?
by Ray, W3TDF

DO you listen to .70 often? Can you identify the people whose favorite sayings, shown below, are often heard on the repeater? Lets give it a try to see how many you recognize.

1. That's the way it kinda goes.
2. Oh my . . . Oh my.
3. I'm the mayor, suds and all.
4. Let me handle it, I speak the language.
5. Break . . Wait . . More to follow.
6. Is anybody out there.
7. On my way to the button factory.
8. Are you listenin, Marv?
9. I'm at the Lab, keep the faith.
10. I hope it doesn't snow, I want to mow the lawn.

Did you know that there are (supposedly) 3076 counties in the U.S.A.. There really aren't quite that many because they are called parishes in Louisiana. Texas has the most, 254 of em. What state would you guess has the second most with 159?

{Answers in next months newsletter.}

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1989 VE TESTING WRAP UP
by Don, KC3II

As a wrap up of the VE testing by the Delaware Lehigh Amateur Radio Club, below is a list of all that was accomplished.

95 Candidates in 9 sessions
46 Upgrades
16 Credits

My thanks to the club and officers and my thanks as well to the VE's who made all this possible. I hope that you will all continue to help my successor John, K3GQJ who will be taking over in February.

de Don, KC3II

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KB3UD BBS TO MAKE IMPORTANT CHANGES
by Tom, KB3UD

In the not to far distant future, some major changes will take place on the KB3UD Packet Bulletin Board Station. I am changing the software over to a multi-user, multi-connect version called AA4RE. I have been running this s/w for several months on a secondary system to become familiar with it and the time has come to make the change. There is no way for me to transfer the user data base over to the new system, therefore you all will have to re-register when logging in. The commands are similar to what you have been using, but there are some differences. Extensive "help" files will be available. The advantages to you, the user, will be fewer "busy" signals as the s/w allows up to 4 (my selection) simultaneous connections PLUS allows inbound and outbound forwarding to take place at the same time. All this can happen on several ports/frequencies at the same time!

In order to support this change I have also upgraded the computer here to an 80386-sx with 1 meg ram and 32 meg drive.

.. stay tuned for more news !! 73 es, as always, enjoy!! de tom, KB3UD

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CONTEST CALENDAR
Courtesy CQ Magazine

Jan 6-7 ARRL RTTY Roundup
Jan 13 SCCC Novice Contest
Jan 13-15 ARRL Jan VHF Contest
Jan 20-21 Texas QSO Party
Jan 20-21 North Dakota QSO Party
Jan 20-21 Michigan QRP Club CW contest
Jan 26-28 CQ WW 160 Meter CW Contest
Jan 27-Feb 4 ARRL Novice Roundup
Feb 3-4 Vermont QSO Party
Feb 3-5 New Hampshire QSO Party

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THE JOYS OF BEING AN EDITOR
by Clarence, W3PYF

"Getting out a publication is no picnic.
"If I print jokes, people say I'm silly.
"If I don't, I'm too serious.
"If I stick close to home,
"I ought to be around hustling material.
"If I don't print contributions, I don't appreciate genius. "And if I do, the paper is filled with junk!
"If I edit the other fellow's write-up, I'm too critical. "If I don't, I'm asleep.
"If I clip items from other papers, I'm too lazy. "If I don't, I'm stuck with our own stuff.
"If you think I stole this from another paper or writer, you are right."

thanks Val de Clarence W3PYF

HARDWARE STORE TO THE RESCUE
by Wendell, W3IRX

When you have a particularly difficult construction problem around the shack, don't overlook your trusty hardware store. Last year, when I got a new truck, I decided I wanted a permanent installation for my two meter mobile gear. For some time, new cars and trucks have not lent themselves to hanging anything of any size or weight under the dash. Either because the dash is plastic and two flimsy or the design just doesn't provide a usable mounting spot. Both cases were true in my truck, so I decided that I would have to mount the gear on the transmission hump. The mounting brackets supplied with the equipment weren't satisfactory for floor mounting so it appeared that I would have to build some kind of support for the gear. Also, I wanted to include an amplifier and external speaker to the installation.

I have solved this problem in the past by using aluminum angle stock, available at most hardware stores. This time I used 3/4" angle stock and constructed two U shaped sides that I connected together with flat aluminum strap. I used sheet aluminum across the bottom to form a shelf. If you cant find sheet aluminum, try using a cookie sheet as a source of this material. So, now I had an aluminum box and on the lower shelf is the amp. and on top is the transceiver in it's mounting bracket attached to the top of the box. The speaker is mounted on top of the rig using a non destructive method I'll talk about in a future article. This worked out pretty nice. Now, all I had to do was figure how I was going to attach the box to the transmission hump.

A little trick I have used very successfully for years is to use hinges. This also works nice to hang gear from under the dash. I purchased two small hinges, 2-3" wide. They must have pins that slide out easily and I prefer brass to avoid the rust problem. By attaching the hinges to the lower rear of the box and positioning it just the way I want it on the hump, I could mark the position of the hinge holes on the hump. Using an awl to punch starter holes in the floor mat and hump. Avoid using a drill so that it doesn't get wound up in the carpet. Also be careful that no vital parts or lines are running under the place you are punching the holes. Before I mounted the assembly, I removed the pins and replaced them with a piece of brazing rod, coat hanger, or some other type of rod that would span the width of the assembly and go through both hinges. This makes it very easy to remove the assembly at will by simply pulling out the rod freeing both hinges. Now the hinges can be attached to the hump with sheet metal screws. This is how the hardware store came to my rescue. By the way, pop rivets worked nicely to put the whole thing together. The aluminum material is very easy to work, requiring simple hand tools and it can be polished to make it look good when you are finished.

de Wendell, W3IRX

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REPEATER ETIQUETTE 101

1. In this bad weather season, repeater users should remember to leave nice long pauses, during drive-time ragchews, so others can call for help, if necessary.
2. Transmissions should be kept short.
3. Never ignore a breaking station while you finish your oration on non-resonant rhombics; it could be an emergency call.
4. Don't be a repeater dominator (one who, after safely arriving home through ice and snow, then proceeds to tie-up the repeater while others are still trying to achieve the same success.
5. Those who (and we will name them if necessary) totally ignore the "courtesy tone" before transmitting, should try, 'extra hard' to be more courteous to those who are trying to break in. It can be very angering to be unsuccessful in breaking-in after repeated attempts, solely because the conversing parties are inconsiderate.
6. Perhaps the following rule says it all: ***If you don't hear the courtesy tone, either the repeater needs repair, or your operation procedure does.***

Thanks to the "Blurb", the Phil-Mont Mobile Radio Club Bulletin.

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Tony, WB2P has asked me to thank all of the members of the DLARC for the kindness and thoughts to him and his family, following the accidental death of his father.

JUST THE MINUTES
by Dave, N3EYT

The December 7 meeting of the DLARC was called to order at 7:32 p.m. by Clarence Snyder, W3PYF, presiding. A total of 57 members and guests attended the meeting which was held in the Greystone building at the Gracedale complex in Nazareth. The minutes of the November were approved as printed in the DLARC NEWS. Roy, KA3MNY, gave the Treasurer's report which was also approved. OLD BUSINESS There is no official report on the PA QSO Party as of this newsletter, but Ray, W3TDF, is feeling optimistic that the DLARC did very well and may have even hit an all-timer record.

Belated awards for the 1988 PA QSO party were given as follows: First prize: Bill, K3ANS, a Belt Buckle; Second prize: Bill, N3BIB, ARRL Low Band DXING book.Third prize: Ray, W3TDF, ARRL Operating Handbook. Good Going to all. The club received a technical letter from Tom, KB3UD, concerning the DLARC digipeater and his concern about possible lack of coordination and interference in the packet system. For the present, the club decided to keep the DLARC digipeater up and running.

NEW BUSINESS Clarence mentioned that 145.110 is back on the air and doing a good job.

The club banquet is slated for Saturday, May 5th at the Camelot restaurant on Rt 378 in Center Valley. Cost is $12.50 per person and the limit will be 120 instead of 100 as was previously reported.

New members who were welcomed into the club are Brad Fritzgers, KA3PDG; Wes Wales, N2BSK; and Albert "Bud" Tamm, W4YID. The contact with Northampton, England from Northampton county was a big success. Bill, K3ANS, hosted Northampton County Commissioner, Jerry Seyfried, as he spoke and used CW to contact the special event station GB8OO in Northampton, England. The club received a very nice plaque from England and Northampton Country is sending a certificate to England. Also, Clarence sent the story along with photographs in to QST. This will be excellent coverage when it is published.

A reminder to all. We have a busy repeater. Help keep the busy hours uncluttered. Move to another frequency if you are able, especially between the drive-timer hours, 4-7 p.m. Dick, KA3TTX has offered to video tape club members at their stations and put together a video log which could be shown from time to time at club meetings. Two or three members might be featured at any one time and this would facilitate getting to know the club members better.

The club received a "Thank You" letter from the Lehigh Wheelmen for the club's support of the Century ride the past fall. They really appreciate our communications ability in providing information throughout the 100 mile ride.

The Klondike Derby is scheduled for February 27th at camp Trexler. Bill, KA3RBH, needs at least 15 operators for the day's activities. This is an outside event, you should dress accordingly.

KB3LW asked why the DX Bulletin is no longer included in the club newsletter. W3PYF commented that the information is usually outdated by the time he receives it, and then the delay in getting it into the newsletter makes it even more ancient.

Ray, W3TDF, was asked (appointed) to round up anyone interested to work the Christmas City Station. W3OK would be used this year. Some interest was expressed in making an effort to get the station on the air as a special event station again for next year. The question was where to operate from and certificates. ARES enrollment forms went out with the December News. Please fill them out and return to Vern, N5IEP if you are interested. ID cards will be issued.

Dues are once again only $12 for an entire year - due this month. Please remit to Roy, KA3MNY, club treasurer. KA3TER, Bob, expressed interest in getting in touch with newly licensed hams is our area. The club receives a listing from the ARRL of newly licensed hams and we will be sending a letter of congratulations and invitation to the DLARC meetings. Jackets in various colors and styles are still available to order. Contact Roy, KA3MNY.

The 50/50 drawing went to Evelyn, KA3SWN. The club meeting was adjourned. The presentation by Gunk, KW3W, was a video tape on Optic Fiber Cable produced by AT&T labs.

de Dave N3EYT

KABOOM

by Dewi, N3FNW

Toward the end of July, Ida and I were quietly doing our thing, the TV was on but muted (the usual summer stuff). We were waiting for the news I guess, so Ida was catching up on some scientific stuff and I was reading.

Dunder boomers were on the way, about four miles off.

Goldie had already retreated to her bomb shelter under the cellar steps. She is still hyper since the strikes before, about six times in the last three years. Ida and I will probably fight her for that refuge from now on.

BOOOOOOM, FLASH (in that order), when you get hit the noise seems like it precedes the flash. Later reports described a stray bolt that lit up the whole sky seemed to last much longer than usual. I guess it did, you can't fry two TVs, an alarm system, outside security lighting and a ton of light bulbs in a split second. A reluctant call (I was afraid to pick up the phone) to the fire company brought the response that "everything is out including the mutual aid companies, you're fourth on the list". I proceeded to check the ranch myself. The attic first then the basement. Goldie noted my presence and came to me for comfort, not mine but her's. If she only knew the truth.

I determined that we were not burning so I started to check things electrical. Now this took real guts, fooling around with the circuit breakers and fuse panels when the storm was still raging. I found one breaker broke so I reset it and proceeded to check for damage. The important stuff, ham gear and computer had been disconnected so it survived. I even hang the co-ax from my antennas outside the windows when I'm not using the radios and disconnect the 120 volt supply.

Insurance fun started the next morning. Are you sure it was lightning? A check with the nuclear plant at Limerick, since that was the only other place such a flash could originate, confirmed the lightning theory. How old was the TV that fried? How much did it cost? Now you must understand, I carry "REPLACEMENT COST" insurance so those questions were about as necessary as udders on a bull. I asked them about repairs or replacement and they said "Do nothing until you hear from us". Now here is a clerk who goes home and enjoys TV and modern conveniences like electric lights telling me to read by candle light until my claim reaches the person who conducts the third degree.

Without prodding, this procedure can take months. Now they contacted the TV repair guy and asked if he was sure that it was lightning. Now this poor guy was nowhere near my house when it hit so he said that the only thing that could produce this amount of damage other than an H-bomb blast was lightning. He was preparing an estimate and when he got to over two hundred dollars in parts, no labor figure yet, he marked it "not repairable".

The alarm system is a real problem. Its not 100% yet but not to worry, I have an attack cat who hides under the cellar steps at the first sign of danger. The outside lighting was simple, a new timer and all the bulbs had to be replaced.

I guess if I want to have a good location for my antennas, I must make a little sacrifice. It was suggested that I move from here, after all six lightning hits inside of three years is a little much. The only problem with that, If I move to the other house it would only be a move from "Thunder Alley" to the "Lightning Capital of the World", the Tampa Bay area.

Ida and I went to a dinner party the other evening and all there knew of our misfortune. They seemed afraid to get near us. The hostess even served our dinner to us in the middle of the back yard. Everybody else was in the dining room. Its like we were wearing signs from a leper colony that said "Unclean". Why are they afraid?

I have been accused of finding humor in just about any situation, that's not true. Oh well, I'll close this and get the obituary page and see if I can find a topic for my next dissertation.

de Dewi, N3FNW

Editors note: For your information IDA is Dewi's wife, Goldie is Dewi's cat.

REMEMBER: JOIN THE ARRL, IT IS NOT JUST A SUBSCRIPTION TO A MAGAZINE IT IS FOR OUR SURVIVAL AS AMATEURS

DIGITAL COMMUNICATIONS
by Joel, K9TBD,
" Moving Without Shaking"

Many hams today have some sort of computer. After a while they get plugged up. So much information that has to be saved, but "where do I put it?". I wrote this little BAT (batch) file for a PC a few years ago; it saved my #%$&' so many times that I have rewritten it for the rest of the computers that I use (VAX, Unix, C-64, etc). I don't know why the computer vendors do not supply this little Utility program for every computer made.

This little Batch file for a PC is a "MOVE" routine. You can copy things very easily on most computers, then check that the file got moved then delete the original. Only to find out that the drive that you were copying to had the door open or something like that and you only discovered this after you deleted the only copy of the "Widget" that you were so anxious to save somewhere else.

This program (for a PC) tries to copy the file that you have specified to your desired destination, it then checks the destination to see if the file actually got copied properly and only then deletes the source file. If, for some reason the transfer did not take place properly, it will come back and tell you what went wrong (as best as I could foresee) and says that it did not delete the source file as a consequence.

How many times have you wished to copy something to another directory and then delete it from the original directory, but, you were worried that it really did not get to its intended destination? This little program may give you a hint on how to do the same type of 'MOVE' for your computer system.

Here is the PC version:

```
REM (c) Joel A. B. Elston,K9TBD,1/88
if "%1" == "" goto null
if not exist %1 goto exit1
if "%2" == "" goto null
:copyok
if exist %2 goto dupname
copy %1 %2
if not exist %2 goto exit2
del %1
ECHO File '%1' Moved to File '%2'
goto endup
:exit1
ECHO File '%1' does not exist
if "%2" == "" goto null
goto endup
:exit2
ECHO File '%2' does not exist, File '%1' not copied or deleted      goto endup
:null
ECHO.........................................-
ECHO .           Move syntax is
ECHO .
ECHO . "MOVE <input file spec><output file spec>"
ECHO .
ECHO .    where "<file spec>" consists of a path and filename.ext
ECHO .              jabe '88
ECHO.........................................-
goto endup
:dupname
ECHO WARNING Duplicate Output Filename '%2', No Action Taken      goto endup
:endup
```

The ECHO commands are the way with a PC that you can tell the operator what you are doing. I had this all blocked out for a PC in such a manner that the ......'s outlined the syntax text, but after getting it down from my VAX I decided to simplify this text so it could better fit the format of the newsletter and left off the trailing blank fill to the . at the end of the explanation text.

Here is what I do with this little routine.I wish to consolidate all (say) '.TXT' files into a directory, and instead of copying them all to the newly created directory, I MOVE them. If they go over there ok, I don't have to check to see if they get there because I got the feedback from this little program that tells met the transfer went properly.

I purposely did not include a 'wildcard' move to avoid confusion. Use it to help you consolidate your information. There are nice Utilities which do massive 'moves' such as the Norton Utilities (on a PC) but this one is so simple that you may prefer it on your PC or C-64 or VAX or MAC or whatever.

Syntax is: Move W.X A:Y.Z

Which says find file W.X on your current drive and copy it to drive A: with the file name Y.Z. If it cannot find W.X on your default drive or if it cannot find Y.Z on your target (a: or any path and drive) or if it finds a duplicate file name on the target it will say (file not copied, file not deleted).

This is a Mover without the user Shaking
de Joel, K9TBD

yANKEE dOODLING

TRAVELS WITH 2 METERS

Have you taken a trip recently? No not to Lehigh Valley Mall; a trip of, say 150 miles or more from home.

I just got back from two weeks in the beautiful tidewater area of Virginia. It's a bustling metropolis which includes Virginia Beach, Norfolk, Hampton, Newport News and a whole lot more cities and towns. The population is about 4 times that of our little valley, and it has a whole bunch of well engineered, well-located repeaters. You can access most of them from anywhere in the tidewater area, and that's a piece of real-estate about as big as six or seven of our eastern PA counties.

Not one of these repeaters, or even three or four combined, had the level of activity which I'm used to hearing on .70. There was the drive-time crowd in the morning and evening, but other than those times, the machines sat idle. When I did encounter someone in the evening or on a weekend, it was invariably another "out-of-towner," like me. In two weeks of listening, I never learned which club sponsored which repeaters, when they met, if there was an emergency access code for police or many of the other things we take for granted here at home. When I needed to make an emergency call to the VA BEACH Fire Dept. to report a car on fire, I had to rely on other than ham radio to get the message through (Thanks *BELL SOUTH*!)

Going down and back (driving) I passed through several other metropolitan areas: Philadelphia, Wilmington, Baltimore, Washington and Richmond. Every one of these communities is a whole lot bigger than the Lehigh Valley, but none of them had 1/10 the activity on two meters which we're accustomed to. For the last 100 miles of my trip I listened to .70 'cause there was absolutely nothing happening on the repeaters of the Philadelphia/Wilmington area. No wonder we are the biggest, most active radio club in eastern PA; we talk to each other!

IS IT TIME TO UPGRADE .70?????

The .70 repeater is unquestionably the workhorse Two Meter repeater in the Lehigh Valley. It has emergency auto-dial, regular auto-dial, several nets a week, long drivetime sessions, and lots of bull... oops, I mean learned discussions in-between. It's also the prime repeater for our major public service activities. The repeater, in short, gets hammered. And, it has taken this use and abuse, unflinchingly, for a long time.

DLARC ended the last fiscal year with over $3600 in the bank. We're starting a new year with dues collections and another fund raising project which will quite possibly result in even more money in the bank. How about using some money to upgrade the .70 repeater with new RF hardware? This transmitter/receiver would keep the repeater viable for the next decade. It would benefit more club members than any other single purchase or improvement which the club could make Not many of us have an old Collins or Drake radio which is kept running 24 hours a day and used, key down, for 10 of the 24. That's the life cycle for our repeater, though. It's good equipment but used hard and getting old. Replacing it when we choose to, not when failure makes us, seems to make sense.

A lot of things could happen which could make our club surplus disappear. Shouldn't we see some kind of long term or permanent benefit for the whole club, rather than a couple of free parties or something like that?

ANTENNAS ARE THE MAGIC CARPETS OF RADIO

Without an antenna, the fanciest new IC-781 or TS-950 has no more communications capability than a VCR or stereo. Our speaker for the January meeting, W3BGN, knows this better than most of us. For the 6 main HF bands, 160-10, Steve has NINETEEN transmitting antennas, plus 3 receive-only antennas! Why so many? Without giving away his whole program, let's just say that no one antenna, no matter how good, is always best. Extra antennas give extra versatility, a stronger signal at a particular moment, and a back-up in case of failure.

Steve is NOT the only child of indulgent wealthy parents, and he doesn't have his wife working three jobs to finance the antenna farm.. He has refined the ancient Ham art of getting the most from the least with horsetrading, home-fabrication, wire antennas, trees as support masts, and many other clever tricks. Come to the meeting and learn a few tricks to make your signal as big as it can be.

MURPHY'S LAW PROVEN!

The basic Murphy's Law: "If anything can go wrong, it will." The Proof Assumptions: There is one way a thing can go right, every other way is wrong, and there are an infinite number of ways anything can occur. Therefore: The chances of anything going wrong are infinity divided by one! *Thanks FRC Newsletter & NCJ*

I hope that your holiday season was even better than you expected and that Santa Ham brought exactly the new toys you wanted.

01.90 **73 de K3YD**





All Amateur Radio Operators are invited to participate in the DLARC, ARES, EMA Nets on 146.70 W3OK/rpt.
The Nets are held on Sundays at 9:30 AM and on Wednesdays at 7:00 PM.
The alternate repeater for these Nets is 145.11 W3PYF/rpt.

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CLUB MEETING NIGHT

All regular meetings of the D.L.A.R.C. are held on the first Thursday of each month at 7:30 PM in the Greystone Building at Gracedale.
Phone....759-2600

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Any comments or articles contributed to this newsletter should be addressed to
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THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

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