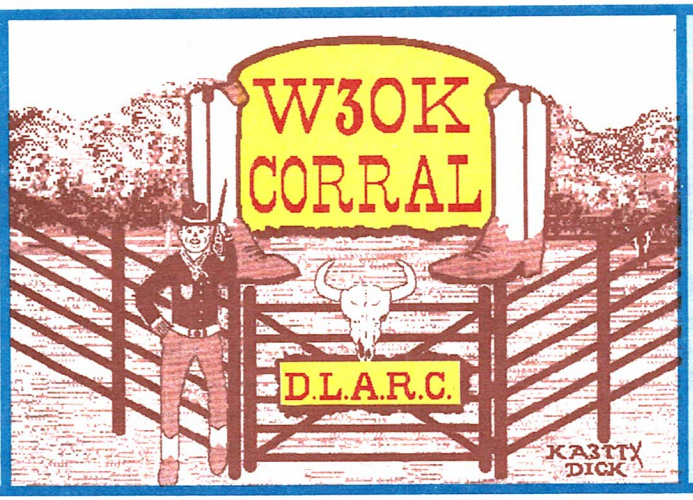
DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC. W3OK

October 3, 1991



SPECIAL SERVICE CLUB

ARRL Affiliated Club

THIS IS PAQSO PARTY MONTH!

NUMBER ONE AGAIN?
by Alex WG3C

"We are aiming to be NUMBER ONE! ...and you can help" (W3TDF, Ray, 10/5/89) These were the immortal words of our Pres' on the eve of our first PA Party victory in which we amassed over 1.6 million points on our way to a contest record and "the" trophy. But we didn't rest on our 1989 laurels. As has already been written in the history books, we OBLITERATED the 1989 record books (and the NARC contest computer) with a 72-member club effort of over 2.6 million points which made Stormin' Norman look like a Sunday afternoon picnic... well, not quite. In this case, the picture was REAL pretty. And we had "the" trophy another year.

Well folks, it's that time of year again. This year's edition of the PA QSO Party is happening on the weekend of October 12-13. Guys and gals, we all know what we're capable of -- let's do it again. Every little QSO helps. Alongside the "big guns", all those who find a time slot, however small, to operate while mobiling or in between diaper changes will make the 1991 PA QSO Party another memorable club event. Remember, the contest is open to all classes of license and all levels of experience. The rules haven't been received yet, there should be little change from last year (except possibly to upgrade the computer to a Cray Y/MP supercomputer). Ray will be at the October meeting to discuss the rules and answer any of your questions.

Some things to keep in mind. (1) Blair (K3YD) had some excellent contest tips in last month's "Yankee Doodlings". (2) Technicians may operate ONLY Novice bands to get the Novice multiplier -- that means no 2-meter simplex; however, if you are going to operate 2-meters, stay on 146.52 with the volume turned down. You'll watch the S-meter to pick a couple of quick QSO's. (3) If you don't have HF gear operate 2-meter simplex mobile and pick up the mobile bonus points. All is needed is 10 QSO's within each county you drive through to get 500 bonus points per county. (4) The club station will once again be available. (5) The operating period will be Saturday 10/12 1600Z noon EDST thru Sunday 10/13 0500Z 1AM (...sleep...) and 10/13 1300Z 9AM thru 2200Z 6PM -- same times as last year.

Our Pres' will be operating in Greene County and will host a roundtable starting at 10PM Friday night before the contest. Meet at 3870 (80 meters). This frequency is easy to remember because the "38" is W3TDF's age and "70" is our club repeater frequency. (I told Ray that he had those first numbers reversed but he didn't believe me

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ELECTIONS OF OFFICERS THIS MEETING

Subject to the constitution of the Delaware Lehigh Amateur Radio Club, election of officers for the coming year will take place at the meeting on October 3rd.

The nominating committee presented their list at the last meeting, and nominations were then opened from the floor. The following are on the slate to be elected.

President: Robin Mosely WA3T

Vice President:
one to be elected,
Ann Keiser KO3M
Bob Puharic WF3H

Secretary: David Blankenship N3EYT

Treasurer: Richard Dech KA3MOU

Board of Directors:
five to be elected,
William Goodman K3ANS
Robert Kratz KU3K
Clarence Snyder W3PYF
John Holmes N3IGA
Earl Fritz WA3BOM
Norm Daniel N3GXU

The retiring president, Ray Bilger, W3TDF automatically becomes a member of the board of directors for one year.

AMATEUR NEWS

by Fred Mafia, W5YI

FCC FUNDING BILL CONTAINS SURPRISES! - Three amendments to the FCC Authorization Act of 1991 will be of interest: [a.] A provision was added to the legislation which permits specialized, club and military recreation amateur call signs to be issued by "...an incorporated associa-tion of amateur radio operators with more than 100,000 dues-paying members..."

The bill directs the FCC to deny equipment authorization to any scanner that is capable of receiving cellular telephone service ...or capable of readily being altered to receive these transmissions ...or capable of being equipped with decoders that convert digital cellular transmissions to analog voice audio.

Amateur Radio Service licensees are to be exempted from paying "spec-trum user fees". Previously Amateurs were to be accessed a fee that would be used to help fund the FCC budget.

[Source: Federal Communications Authorization Act of 1991]

RADIO SHACK TO MARKET 2-METER GEAR - With the release of their new 1992 catalog (scheduled for September 1991) Tandy/Radio Shack enters the two-meter equipment business. All Radio Shack stores will be selling a full-feature two-meter hand-held transceiver which is scheduled for store arrival sometime in late October.

INDIVIDUAL AMATEUR OPERATORS BY CLASS

	Extra	Advan.	General	Technic.	Novice	Total:
June 1988						
	45399	98343	113342	97518	81801	436403
	10.4%	22.5%	26.0%	22.4%	18.7%	100.0%
June 1989 (*)						
	48711	100808	115686	109296	84806	459307
	10.6%	21.9%	25.2%	23.8%	18.5%	100.0%
June 1990 (*)						
	48624	98615	113329	110790	80620	451878
	10.8%	21.8%	25.1%	24.5%	17.8%	100.0%
June 1991 (*)						
	55425	106462	121204	140858	96970	520919
	10.7%	20.4%	23.3%	27.0%	18.6%	100.0%

Club/ RACES & Military:	(1988)	(1989)	(1990)	(1991)
	2353	2474	2449	0000
Total Active:	438756	461781	454327	523351
% Increase	+1.6%	+5.3%*	-(1.6%)*	+15.2%*

(*) NOTE: The number of amateurs in 1990 and 1991 is not comparable with prior years. Due to the implementation of the 10-year term license in 1984, amateurs who would ordinarily be dropping out of the Amateur Service between 1989 and 1993 by not renewing will be carried on the amateur roles for another five years before being purged from the FCC's data base.

This has the effect of somewhat overstating the amateur census for 1989 through 1991 since the records of silent keys and non-renewals will not be deleted. The number of active amateur radio operator records now is in excess of half a million! *[Source: FCC Licensing Facility, Gettysburg, PA]*

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WHERE THE FCC IS!

FCC Amateur Radio Callsigns as of Sep. 1, 1991 from, OBS, Hilory B. Cox, NF3Q

Second Call District

EXT	ADV	T/G	NOV
AA2GI,	KF2DZ,	N2NVS,	KB2NOU

Third Call District

WR3D,	KD3YN,	N3KKO,	KA3ZJJ

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FOR SALE

Complete Satellite Television Setup. Includes 7 1/2 foot dish, tower, all electronics and 50 feet of control cable and coaxial cable. Call Arnold, N3CNH at 282-1382. Full package $175.00...

Butternut Vertical Antenna. 10 thru 160 meters. Only used for 1 year. Bargain price $40.00..Call Jack, WB3BAO at 215 253-0555.

THE FOLLOWING FCC ACTIONS HAVE JUST BEEN PRINTED

With the assistance of FCC engineers, U.S. Marshall's Office seized illegal radio equipment from the home of Rohan Monrigh of Wyandanch, New York. The seized equipment consisted of illegal high-powered linear amplifiers used to boost CB transmissions. The action was stimulated by a petition signed by over 100 local residents stating that Monrigh's transmissions could be heard over their televisions and radios.

The seized equipment was capable of boosting transmitter power to 2,000 watts which, the FCC drily noted, was well above the watt legal limit. In addition to losing his equipment, Monrigh was issued a $1,000 fine.

Editors note: Well you can't win them all!

IMA LIDD

FILTERS

by Van - K3CP

"Hi, Ima," said Elmer when he saw Ima Lidd coming in for his regular session.

Ima responded, "Hello, remember last time I asked you about filters?"

"Yes, I do. Let's talk about how they are used before we get into how they work. They have many uses - far too many to cover in these sessions, but we can get some idea of their applications. They are used to minimize interference and to reduce noise in receivers. They are used to limit harmonics getting to our antennas and to prevent overloading the neighbor's television and FM sets. In Hi Fi work they are used as crossover networks to feed the bass frequencies to the woofers and the middle frequencies to the mid range speakers and, of course, to direct the highs to the tweeters. These are some examples of their uses."

"Yes, Elmer, I've heard of all those functions. Can you explain how they accomplish so much?"

"They're actually straight forward. Let's look at some specific uses. Look at figure 1."

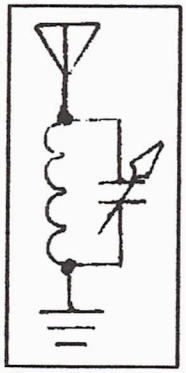

Fig. 1

It shows a parallel tuned circuit. If we wanted to receive a signal in the forty meter band, we would design the coil and capacitor so that the circuit would resonate at the desired frequency and select it while rejecting all others. But if we had a strong interfering signal nearby, we would use the circuit shown in figure 2. This is a series tuned circuit and presents a short to the frequency at which it is resonant."



Fig. 2

"Let's see if I understand," interrupted Ima Lidd. "A parallel tuned circuit presents a high impedance to its resonate frequency while a series circuit presents a low impedance at its resonate frequency. Is that right, Elmer?"

"Yes," replied Elmer. "That's a simplification, but that's about the way it is. In general, we use capacitors in series with the signal when we wish to pass high frequencies and inductors in series when we wish to reject high frequencies. Take a look at figures 3 and 4."

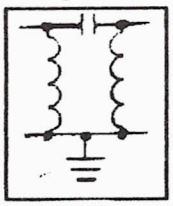

Fig. 3

Elmer continued, "Notice that the capacitors and inductors are connected in a way that takes advantage of their respective charac

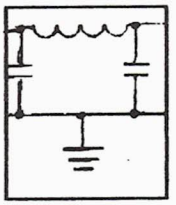

Fig. 4

teristics. Imagine, Ima, that signals consisting of several frequencies are fed to the above circuits. Knowing what you do about the behavior of coils and capacitors, what would happen to the signals in figures 3 and 4?"

Ima Lidd thought a while and then said, "In figure 3, the high frequencies would be passed through while the low frequencies would be shorted to ground. In figure 4, just the opposite would happen. The lows would be passed and the highs would be shunted to ground."

"Very good, Ima, this is a good place to stop. Next time we will continue our discussion on filters."

"Thanks, Elmer. I am looking forward to our next session."

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** CONTEST CALENDAR **

by Barry, KU3X

Oct. 5-6	VK\ZL\Oceania CW DX
	California QSO Party
Oct. 5-13	Wyoming QSO Roundup
Oct. 8	CRRL Fall VHF\UHF Sprint 222 MHZ
Oct. 12	W1AW Qualifying Run 10-60 WPM
Oct. 12-13	**** PENNSYLVANIA QSO PARTY ****
	VK\ZL\Oceania SSB DX
	Discovery of the New World
Oct. 13	RSGB 21\28 MHZ SSB Contest
Oct. 13-14	Illinois QSO Party
Oct. 14	CRRL Fall VHF\UHF Sprint 144 MHZ
Oct. 19-20	Worked all Germany Contest
Oct. 19-22	QRP ARCI Fall CW QSO Party
Oct. 20	RSGB 21 MHZ CW Contest
Oct. 26	CRRL Fall VHF\UHF Sprint 50 MHZ
Oct. 26-27	** CQ WW SSB Contest **
Oct. 28	W1AW Qualifying Run 10-60 WPM
Nov. 2-4	ARRL CW Sweepstakes

With all of the contests that are listed above, there is only one major contest that this club will be putting a great effort in. You guessed it, "PA QSO PARTY"! We were number one last year and the competition is going to try to beat us. This means we have to give just a little extra this year. de Barry, KU3X

JUST THE MINUTES

by Dave, N3EYT, Secretary

The September 5th meeting of the DLARC was called to order by Ray, W3TDF, at 7:33 p.m. A total of 74 members and guests attended the meeting held in Northampton Hall on the NCACC campus.

The reading of the minutes of the August meeting were waived on a motion by Clarence, W3PYF and seconded by Albert, W4YID. Dick, KA3MOU reported a balance of $3477.74 as of August 31, 1991.

The DLARC would like to welcome the following new members into the club: Harry Andrew, KD3BE; Patrick McDonald, KB2KAT; John Sherer, N3KGO; Bart Check, N3KEC; Dennit Golden, KA3APO; and Rev. Sung Moon, KB6VEJ.

Novice/Tech classes will begin September 16th and run weekly on Monday nights from 7 to 9 p.m. Information about the classes was sent to local Middle and High schools. Contact NU3L, WA3T, or K3EX for details. A volunteer was requested to help set up tables before the DLARC general meeting. Randy, N2MQZ volunteered to come early to the meetings to do set up.

A straw poll was taken and interest was shown for another Skywarn session sometime in the future. Ray, W3TDF will look into it. Bob, KU3K asked for volunteers to help with communications on September 15th for the Century ride for the Lehigh Wheelmen. The club is planning a fundraiser this year. However, the type of event is still undecided. If you have some ideas, contact a club officer. Information has gone out to publications stating that W3OK will be on the air as the Christmas City Station on December 21 & 22 from 9 a.m. to 9 p.m.

Dave, N3EYT is in contact with the 250th Committee to look for a possible operating position in Bethlehem and special certificates promoting the 250th anniversary of the founding of Bethlehem. Did you ever get help from an Elmer? Would you consider being an Elmer to a young ham in your area? If so, contact Bob, WF3H. He might be able to hook you up with someone. Nominations for club officers were opened to the floor. The only nominations from the floor were made by Van, K3CP to nominate Ann Keiser, KO3M for the office of Vice President and by Carl, N3GRK to nominate N3IGA as a member of the Board of Directors. A full slate of nominees for club office appears elsewhere in this newsletter. A special program on insurance for the Radio Amateur was presented by John Lasher, N3GLZ. It was a very interesting and informative program.

THE AMATEUR'S CODE

by Paul Segal, ex W3EEA,W9EEA

1. THE AMATEUR IS CONSIDERATE.. He never knowingly uses the air in such a way as to lessen the pleasure of others.

2. THE AMATEUR IS LOYAL.. He offers his loyalty, encouragement and support to his fellow radio amateurs, his local club and to the ARRL, through which Amateur Radio is represented.

3. THE AMATEUR IS PROGRESSIVE.. He keeps his station abreast of science. It is well-built and efficient. his operating practice is above reproach.

4. THE AMATEUR IS FRIENDLY.. Slow and patient sending when requested, friendly advice and counsel to the beginner, kindly assistance, cooperation and consideration for the interests of others; these are the marks of the amateur spirit.

5. THE AMATEUR IS BALANCED.. Radio is his hobby. He never allows it to interfere with any of the duties he owes to his home, his job, his school, or his community.

6. THE AMATEUR IS PATRIOTIC.. His knowledge and his station are always ready for the service of his country and his community.

from the ARRL Handbook

MORE ON THE PAQSO PARTY

Ike, N3IK has a great place up in the mountains. He would like to operate from there during the PAQSO party. He is looking for one or two others to go with him and operate from two ajoining counties, ELK an Cameron. You would have a great chance to win both counties and score high on the list in the contest. Contact Ike if interested, or let Ray, W3TDF know and he will get you in touch with him.

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REMEMEMBER THIS MEETING AT THE NORTHAMPTON COUNTY COMMUNITY COLLEGE IS IN THE THEATRE MEETING WILL START AT 7:30 PM.. BE THERE AND VOTE.

LETTERS TO THE EDITOR

A NEW FEATURE OF THE OK CORRAL

Editor:

A word on Repeater Etiquette

On a recent Friday evening my wife (XYL for those who only seem to understand CW shorthand) and I were on our way to dinner at a local restaurant. Normally I don't talk on the radio when she is in the car with me, but I heard K9TBD on analyzing voice patterns and I couldn't resist the temptation.

Joel was experiencing a 2M version of a pileup but was very polite and accommodating to anyone who wanted to have their voice analyzed. Unlike what is done in a DX pileup, I patiently awaited my turn and got a nice report. I then did an unpopular thing for a pileup, I started to ragchew. I didn't intend to make it a long session but there were some interesting points to discuss. We were part way into a discussion when another station injected a call sign after the courtesy beep. Using normal repeater courtesy the individual was invited to join the conversation. However, that is not exactly what happened. The new voice proceeded to dominate the conversation and did not even acknowledge that our ragchew had been interrupted nor was I even offered the opportunity to complete my portion of the discussion. I didn't even get a chance to properly sign before we got to our destination.

Well, my wife was listening to the whole event and could only comment on how rude the interrupting caller had been. She asked me if that sort of thing happens often. I explained that such occurrences were uncommon and that it was normally just certain individuals who did such things. She asked me why I didn't say something at the time. I explained that confronting the person on the air would serve no useful purpose, that it would be embarrassing the person, and would most likely lead to further rudeness. I further explained however that if I see the individual in person I will offer a reminder that on the air courtesy is an appropriate behavior mode and that the rudeness of just one individual can influence the perception many others have of ham radio.

We continued to discuss the incident for a while and my wife offered a analysis of the rudely behaving individual. In short it amounts to the person behaving like a spoiled 5 year old and as such should be treated accordingly.

We are about to publish a repeater guide and courtesy will surely be one of the topics. Additionally, we are going into an era of ham radio where, with codeless licensing, many people from another radio service will be joining our ranks. It will be more important than ever to set proper examples continuously. This incident exemplifies poor behavior. Let's all take a part in eliminating it. It sure would be nice to have hew hams and casual listeners hear only good operating practice!

de Chris, NU3L

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Editor:

Changes in Attitude

I'd like to think that the movement of CB'ers to the ranks of Amateur Radio has been a good one.

What I've been hearing on our local repeater makes me think otherwise. Here's a sampling of some of the late QSO's:

*(howboutcha *********
(Smokey reports to his friend in Bath
the good buddy stuff
flipflop stuff
whats the handle there?
katch u later
the 1004 stuff*

These are all but a few of the ramblings of the not so long past.

This has no place on the local repeater & hinges on the "illegal". Lets all try to talk to these boys & try to help them over the hump. I know a change into the ranks of Ham's from CB land is a giagantic leap forward into a real rewarding hobby.

Please, can we throw away the jargon related to CB land and start out on a new leaf.

Do not consider this a slap at the Citizen Band, or its operators, just a reminder that there is a difference in our modes of operation.

Bob, WB3DTG

HOW TO USE THE DLARC AUTO PATCH

by W3LR, Don
Technical Committee

The autopatch command consists of the **"AUTOPATCH PREFIX"** followed immediately by the phone number you wish to dial. With the push to talk depressed, enter all in one command during one transmission.

EXAMPLE: (prefix) which is found on the back of your membership card, then your number.

When you release the Push to Talk, the repeater will respond with the spoken word: **"AUTOPATCH"**. the controller will **pause**, then read back the number for verification, then **pause** again. It is during either of the two pause periods you must "instruct" the controller to dial the number. If you are using a autodial number, the response will be **"AUTODIAL"** followed by the autodial number.



Pressing your PTT for longer then 1 second will be enough to tell the controller to dial the number. If you press the PTT during the read back of the number, the controller will cancel the call and return a beep.

One feature you may use, is when the number you call is busy, you may within 10 minutes, just send * * (two stars) and the repeater will respond with **"REPEAT DIAL"** and will resend the number you entered. This is of course predicated on no one else using the patch in between.

de Don, W3LR

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SEPTEMBER VE SESSION REPORT

by John, K3GQJ

At the September 6 VE session at Gracedale, 10 candidates took a total of 20 elements. There were 2 upgrades, 1 new Technician and 1 new novice. These included **Alfred P Antonelli Jr, N3KCO, Advanced; John M Corcoran, N3KLW, Advanced; Lawrence F Ashton, new Technician and Michael P Kunz, new Novice.**

The VE's at this session included Charles Nielsen, NE3K; Ann Keiser, KO3M; Bob Niefert, KW3W; Robin Moseley, WA3T and John Greenage, K3GQJ. The October 4 test session will have team 2 in attendance.

73 de John, K3GQJ

The GAVEL & the SWAN

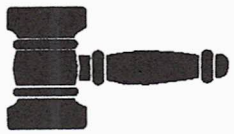
by W3TDF

The end of my tenure comes with mixed feelings. It has been a trying experience, at times, and very enjoyable also, at times. I've learned a lot, made a lot of (hopefully) lasting friendships, and, unfortunately, alienated a few. They say time heals all wounds, so, I guess there is still hope for me!

At the last meeting I attempted to get some members to commit themselves to a couple of short time participation vacancies. We need chairpersons for (1) our annual fund-raiser, (2) Christmas City operation, (3) Field Day '92, and (4) DLARC Picnic '92. Since our attendance was down slightly at last meeting, maybe some of the absentees will come forth. Call me or come out for election night, October 3, at the Northampton Community College Theater.

Now that I am going to be out from under the pressure(!) of leadership(?), I hope to get back into the several projects that I have been delinquent in, namely, the 'Repeater Conduct Guide'(RCG), and the rewrite of our Constitution & By-Laws.

Did anyone run across my Heathkit Tach/Dwell meter (blue plastic case). It seems to have strayed during field day. Maybe its in the barn at Gracedale!?



My very 73 to all. I'll be looking at you from the back of the meeting room from now on. Di-Di-Dit-Dah-Dit-Dah.

What else next month

de W3TDF

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FOR SALE

Complete station - Kenwood 5990 rx/tx separates 80-40 AM/SSB/CW, MC60 desk mike, Radio Shack headphones, MFJ 901B tuner, 50 ft unused RG-8 cable, precut 10 or 11 meter dipole and long unused length of copperweld, Palomar SWR meter, ant. switch for 2 antennas, 2 lo pass filters, $470.00 takes all,,owner not interested in splitting. Also lots of odds and ends, prices negotiable.

Contact Dave, N3HQE 258-2523

DIGITAL COMMUNICATIONS

by Joel, K9TBD

MS-DOS BATCH FILES

There are wonderful things that you can do with batch files with this operating system called DOS. Batch processing was built into DOS but few know how to exploit them. I read an article in a PC magazine extolling the virtues of the "Beautiful Batch Files". Yes, they are, and here is my rendition. Batch files are nothing more than a file that does the typing for you. If you have to type a command once - then type it. If you have to type a command more than three (3) times, then think about writing a batch file to do the typing for you. Example: How many times have you typed the following:

CD\WP51
WP myfile.txt

Why don't you make that a batch file? There are some programs out there that assist you with "menus" and some of that nonsense - maybe even some that call themselves "WINDOWS". Most of these programs are more of a hindrance than a blessing because they require a 'mouse' and beaucoup time to pull down - ?what menu? to finally get to the right program. Here is another way! Suppose you execute my little program called MAKEBAT. The questions that you answer will create a little batch (.BAT) file to your liking and place it in your UTIL directory. Everyone should have a UTIL directory and a path to it as specified in your AUTOEXEC.BAT file in your root directory. Once the UTIL directory is in your path you can execute any of these files (.BAT's) or others (.EXE's or .COM's) from anywhere on your computer. Requirements:

BASICA (basic interpreter - located in your UTIL dir) a path to UTIL (put in your autoexec.bat file in your root directory) The following programs: MAKEBAT.BAS and MB.BAT - (this last one just calls the basic interpreter and cranks up makebat.bas with the simple command: BASICA MAKEBAT - it is only a two-letter keystroke to start the process. Example: You wish to go to the WP51 directory (WordPerfect Version 5.1) and edit a file. If you answer the questions from my program called MAKEBAT.BAS then this is all done for you. The batch file is loaded automatically into your UTIL directory and all you have to do is create the batch file with this MAKEBAT program and thereafter you will only have to type: WP filename - and you are in business. Here is an example of a batch file that I created with MAKEBAT to go to my drawing program called (ECAD) and crank things up: @echo off

```
rem - jabe 08-13-1991
c:
cd\
cd\ecad
ecad %1
```

The lines read:
turn off print to the screen
annotate the date of creation of this batch file go to your C: drive
go to your root of that drive
go to the ECAD directory
execute the program called ECAD and give it a file name that you supplied.

If you would like the source code, leave me a message and we can get together. Send me a SASE disk mailer.

de Joel, K9TBD



ROBERT C. SMITH SR. N3DXQ
1917-1991

Robert Smith, N3DXQ a member of the DLARC died on August 14th. He is survived by his wife Emma, one son, one daughter and four grandchildren. An electrician at Bethlehem Steel for 43 years, he retired in 1977.

Although not active on the repeater he was a very active CW operator.

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FROM THOSE WHO WANT TO SERVE YOU

In an effort to keep you informed of the background of those who wish to be your officers the board of directors have asked each to give you their feelings and backgrounds in Amateur Radio. Even those who are unopposed have a chance to give your their feelings.

FOR PRESIDENT:

Robin C. Moseley, WA3T. Nominee for President. First licensed 1949. Electronics Engineer. I am proud to be a ham. My High School experiences with Amateur Radio launched me into a career which has turned out to be almost as much fun as any hobby. For this reason I feel indebted to ham radio. I am also indebted to the DLARC for welcoming me back into the amateur ranks after many years off the air. I intend to repay both these debts to the best of my ability. My aim is to preserve and nurture ham radio as I have known it: a technical hobby, yet one which can be enjoyed by people at many levels of technical expertise; a hobby which brings together, on a common footing, people from all walks of life. Above all, ham radio, as I have been fortunate to know it, is a gentlemanly hobby.

We are all fortunate to have such a thriving, active and friendly club. As president, I will do all that I can to preserve what is best about it. We should continue to grow by helping aspiring hams, particularly young people, through the licensing process. I plan to encourage this work, and to continue to take part in it. Activities such as Field Day, the PA QSO party, and our volunteer support of emergency services and public events are important to our club because every member, regardless of license grade, can participate in them. Our club will remain as strong as its activities. I plan to encourage wide participation and to take part myself.

The '70 repeater is an important factor in binding our club together. It is an open repeater, available to all. This leads to problems from time to time. We usually think of ham radio as a purely technical hobby. But the truth is that we hams are primarily a social group. It is our relationships which are important: radio is merely the vehicle for our friendships. Members of our club span the range from world-class contesters to new novices, from lawyers to laborers, yet we are not divided into cliques, because ham radio cuts right through barriers of economic status and occupation. What it takes to be accepted into the community of hams is just the same as for any other social community: a willingness to conform to an accepted code of behavior. It sometimes takes those who have learned their operating habits in other radio services a while to discover what it is that makes amateur radio tick, but patience and tolerance on both sides will go a long way towards keeping things cool in the meantime. I will do whatever I can to minimize dissention in our club, whether it arises from questions of repeater use or otherwise.

I am looking forward to the coming year, and promise to do my best for our club and for ham radio.

FOR VICE-PRESIDENT

Bob Puharic, WF3H, I have been licensed for almost two years. I have a M.S. from Lehigh in Chemical Physics, and am employed by Air Products. I have been active in service to the ham community as an ARRL VE, and will be teaching the novice/tech class with NU3L, K3EX, and WA3T, In addition, I am coordinating the Elmer program. I have also participated in numerous community service events such as the emergency drill at Gracedale, and DID. I am currently chasing DXCC, and keep busy on packet and 2 meter voice as well.

I believe the most essential service a club officer can perform today is to bring new hams into the community in a way that benefits both the individual, and the Amateur Radio community. Ham radio must also be continue to be placed at the service of the public, and hams must be among the first to volunteer their time and energy when the need arises.

FOR VICE-PRESIDENT

Anne Keiser, KO3M..I am married to Joel Keiser and am mother to 6 grown children. I hold a Penna. State Taxidermy license. Was a Store Manager for 18 years before retiring in 1985, in need of some badly needed R & R. My son David who is WB3EFH helped me on my way to the Novice in Jan 1977. From then on I was on my own as he then entered the Navy. I passed my General in March 1978, my Advanced in May 1981 and my Extra in May 1983 when I went down to the Oxford Valley Mall to take my test. QST did an article on me in the YL column in Oct. 1984. I am an active member of NAVY MARS and enjoy it very much. I am a past Sec/Treas of the Carbon ARC's.

I am a past Secretary of the Schuylkill Amateur Repeater Assoc. I am a VE for the Delaware-Lehigh Amateur Radio club examinations.

I belong to the ARRL and hold both OBS and ORS appointments. I belong to the Delaware-Lehigh Amateur Radio club, Carbon ARC, SARA, W3OI clubs the Anthracite Repeater Assoc and The Eastern Penna. VHF Society. I hold a YLRL(Young Ladies Radio League) membership. I am an alternate Necos for the Eastern Penna. Races Net and the Carbon ARC Races Nets. I am an avid Dx'er and have 263 countries confirmed . I have DxCC, WAC, WAS. I enjoy the Penna. QSO party and won first place in Carbon county for 2 years. Last year I worked all 67 counties in that contest. I have a sked on 20 meters every Sunday with my son who now lives in Florida. It sure beats telephone calls!! Amateur Radio has been a great hobby for me.

BOARD OF DIRECTORS:

Earl 'Bud' Fritz, WA3BOM My name is Earl 'Bud' Fritz and I live in Bethlehem. I am married and have two grown daughters. I earned my first amateur license in 1964 and now hold an Advanced class ticket. I like to operate on 20, 40 and 75 meter sideband in addition to two meters. Although I am not a serious contester, I have participated in the PA QSO party for the last three years. I am a net control on the Wednesday night ARES, DLARC nets.

I use a Kenwood 520-S on HF and my antennas are a mini quad for 10, 15 and 20 meters and dipoles on 40 and 75. My other hobbies include wood working and gardening. I am very enthusiastic about being a candidate for the Board of Directors for our club. I feel that my many years as a ham will be a great help as one of your directors. I am looking forward to the opportunity of serving on your Board.

BOARD OF DIRECTORS:

John Holmes, N3IGA.I am a candidate for the Board of Directors. I have been an amateur for almost 2 years and I have a General Class license and am working on my advanced ticket. I am a strong supporter of the Delaware Lehigh Amateur Radio Club. I have worked many different club functions since joining the club two years ago. As picnic chairman this year which shows my organizing skills. My ambition for our club as a board member, is to help clean up the activities on the 70 repeater, and return it to the "Friendly Repeater" status it had in past. I will try to promote more involvement of club members in club functions.

Continued on page (9)

MORE CANDIDATES

FOR DIRECTOR:

Bill Goodman, K3ANS. I am a candidate for reelection to the Board of Directors of DLARC. I have been a ham since 1957, introduced the service and hobby in 1950 by W3PYF,my Elmer. Clarence taught his son Mel, W2FLO (then K3AFW) and I together. I joined DLARC immediately in 1957 upon becoming a Novice. We could operate only CW then and the novice lasted only 1 year.

I quickly upgraded to general and later to advanced and extra class. I am a certified public accountant with over 1000 clients. My experience in business, my experience as a consultant and accountant, and my experience as a college professor has prepared me for many leadership roles and responsibilities. I am a member of ARRL since 1957 and espouse ALL of its policies and opinions. Everyone knows I love contesting and DXing, but I have been in many aspects of ham radio: constructing rigs and stations, traffic handling (Net manager of PA traffic nets in 1950s and 1960s), emergency management, mobiling, packet, etc.

My favorite job for DLARC is arranging EDUCATIONAL programs, hoping to expand the horizons of new hams and older hams alike. I try to bring a variety of subjects to the meetings.

As a charter member of DLARC I have seen the membership grow from 30 to 350+. This shows **quantity**. I want to help in the **quality** too. We must be careful to protect the heritage and reputation of the established structure of ham radio that has been cherished and admired for 70+ years. I am concerned that we do not let our standards slip, brought down by those who are naive or arrogant about the very principles which made it strong. Thus I support contesting and station building hoping it provides challenges to all hams. And DLARC should continue to provide the arena for such opportunities, networking, and socializing. As a strong, proud team DLARC can continue as an ARRL Special Service Club.

FOR DIRECTOR:

Clarence Snyder, W3PYF. I am a candidate for the Board of Directors. My past in amateur radio has been varied. I received my license shortly after World War II. I have been active in the Delaware Lehigh Amateur Radio Club ever since. I began my radio experience during WW II when with no amateur radio operations, I participated in the War Emergency Service. A group of radio enthusiast, many hams, and many just operators with special operators licenses issued by the FCC. The operation was on 2 1/2 meters.

I have been Radio Officer for Northampton County for the past 40 years except for about 4 years, when I was travelling all over the country in my job as a photographer for Bethlehem Steel Advertising Division.

I was the originator of the Pennsylvania Phone Net in the 50's after a long time operating on the Trans Continental phone net. I have been very active in Low Band Mobile since my first low band mobile rig, a Harvey Wells TBS50 with an 807 in final, and a 12 volt dynamoter in the trunk.

I am married to my wife Sylvia, and we have just celebrated our 50th wedding anniversary. We have three children, all grown. My son Mel is licensed with the call W2FLO.

As editor for the past 3 years of the **OK Corral**, the DLARC club newsletter, I have strived to bring all the "News that is Fit to Print" to the membership.

In 1955-56 I was Section Communications Manager for Eastern Pa and have continued active participation in ARRL activities.

I have held the office of President of the DLARC for 4 terms. I have seen the club grow from 25 to 30 to the now group of 351. Under my presidency, the club received the Special Servcice Award from the Ameican Radio Relay League.

At present I run a PBBS on packet in the area, with many of the DLARC members reading, and uploading messages daily. With the help of Bill, NC3P we have just revised the mailing list of the DLARC to the Zip Plus 4 which allows us to mail at a much reduced price. I hope to remain active in the club for many years to come.

FOR DIRECTOR

Norman S. Daniel, N3GXW. I am a candidate for the DLARC Board of Directors. My age is 48 and my wife's name is Naomi. We have been married for 24 years, and I have two daughters, one attends Churchman Business College and the other attends Northampton Junior High School. I am a graduate of Notre Dame High School class of 1961.

I have been employed at Mack Trucks for the past 22 years and my present position is a Material Handling Supervisor. I have lived in Northampton County for most of my life, and at the present address for 20 years.

I am a been a licensed Amateur since 1989, first as KA3UCS, Novice and upgraded to Technician in March 1989 as N3GXW, and I passed my General test in December 1990.

I am a volunteer fireman. I joined the East Allen Township Fire Dept in 1979. During the past 12 years with the department I served as Secretary for 2 years, Treasurer for 2 years and as President for the past 6 years.

I like to hunt, and make every effort to do so. In addition to being a member of the Delaware-Lehigh Amateur Radio club, I am a member of Keystone Rod and Gun Club of Bath and the Ontelaunee Rod and Gun Club of Tripoli.

Having held the various positions in the East Allen Fire Department, I believe I will be a good choice as a board member of the Delaware-Lehigh Amateur Radio Club.

FOR DIRECTOR:

Bob Kratz, KU3K. I am a candidate for the Board of Directors. I have been an amateur radio operator since 1953. Over the years I have never found a hobby with as much to offer. I am a Broadcast Engineer and point with pride to my ham radio hobby for providing much of the education for my vocation.

This vocation includes "voice over" work for commercials and narrations for companies including Air Products, Medstar, and P.P. & L. It all started behind that wonderful "Astatic" microphone in my ham shack.

A few years ago, I became president of the DLARC, and found out first hand that this is a club worth working for. " ***Stir the cauldron, poke the fire and maybe lose a few supporters..but it always makes better soup***". For many years, I have been chairman of the Field Day operation for our club, and my choice has always been to be as active as time permits. Check me on this.. those who are most busy, seem to be those who volunteer for anything. Lets all get busy, the DLARC deserves this.

I almost forgot, I am married to **Janice Pope, KA3NJR.** She ordered me to say that.(note bold type).

Besides all the stuff above, I am an actor and member of the board of the Civic Theater of Allentown. A member of the American Society of Magicians, Allentown Musicians Association and am currently working on getting my AFTRA card.

BE THERE TO VOTE ON OCTOBER 3rd

PATIENT CLASSIFICATION SYSTEM FOR RACES/ARES USAGE
by Dave, N3HQE

The recent Gracedale disaster drill was the first time RACES and ARES members had a chance to see what happens during a mass casualty incident.

One point where there was some apparent confusion was with the patient classification system. On the radio one would hear something like "ambulance 5381 is enroute with a class 1 male...." The patient class system is the result of the process of "triage," the sorting or grouping of the injured according to the severity of their injury. The class system gives Emergency Room staff a definitive idea of what kind and how many patients they are getting. Also they can determine if they can or can not efficiently handle more.

In every-day use, patients are grouped into five classes. During a disaster situation the classes are somewhat modified and reduced to four. They are as follows:

CLASS 1 - First priority; includes severe respiratory pro-blems, severe shock, open chest or abdominal wounds, uncon-sciousness, serious medical problems like heart attack or poison-ing, severe uncontrolled bleeding.

CLASS 2 - Second priority; serious injuries that can be de-layed while class one patients are handled. Includes severe burns not affecting the airway, spinal injuries, moderate blood loss.

CLASS 3 - Third priority; any other injuries that can wait for treatment until higher priori-ties are cared for.

CLASS 4 - Fourth priority; obvious death.

The emotionally distraught are triaged (grouped) class 1, 2 or 3 according to the severity of the problem.

de Dave, N3HQE

Editor's note: Dave is a dispatcher at the Northampton County Control Station at EMA headquarters.

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REMEMBER THAT RENEWALS OF MEMBERSHIP IN ARRL OR NEW MEMBERSHIPS SHOULD BE SENT TO DICK, KA3MOU, DLARC TREASURER..THE CLUB BENEFITS FROM THIS.

THIS YEARS PICNIC
By John - N3IGA and Van - K3CP

This years picnic was a great one. If it didn't top last years, it surely equaled it. It was held on August 18 at Hackett's park in Easton, Pa. from 11:00 AM until 6:00 PM. The weather was much the same. The rain held off until the very end and caused no hardship to anyone or to any activities. The crowd of about 90 enjoyed the afternoon.

The activities included horseshoes, chess, music, and plenty of good conversation and visiting with friends. There were slides and swings and plenty of space for the youngsters.

Plenty of music was provided by Marvin - KA3TIO who was assisted by his xyl Dee - KA3WOB. Marv played an electronic keyboard with gusto and skill.

We saved the report on the food for special mention. It is not enough to say that it was very good. That just doesn't tell the complete story. There were hot dogs, hamburg-ers, coffee, potato and macaroni salads, pickles, olives, baked beans, fruit salad, pickled eggs and CP's favorite, his xyl Millie's Copper Pennies. In case this doesn't seem like enough, add to the list 20 desserts of all kinds. This was not ordinary fare. It was the best. In addition to the food there was beer and birch beer on tap and plenty of canned sodas. A pleasant surprise was seeing Vern Burden - N5IEP who returned recently from duty in Okinawa with the Marines and his parents. His mother, Dorothy - KA1LDS - and father, Bill - WB1BRE - are also DLARC members.

It took lots of people to make it happen. KB3RI got the beer, birch beer and sodas, KA3MOU and Maryann, N3IGA and Sarah, N3IYX, N3GRK and Janet, KA3TEQ and Marcia prepared and served the food. K3CP would like to praise N3IGA for being the chairman and coordinating the whole picnic. N3IGA wants to thank K3CP who along with Ray - W3TDF made the hamburger patties. They were so good. Ray, who in spite of the drought, brought and served a good supply of fresh corn. John Schlegel, owner of the Timberline Inn, donated the hot dog and hamburger rolls and the use of his coffee urns. We are sure we missed somebody, but it was not intentional and we apologize to those whom we missed. The picnic is one of the premier events of the DLARC.

FOR INFORMATION ABOUT CLUB ACTIVITIES

CALL

DLARC INFORMATION LINE

820-9110

10 METER BEACONS

by Nick, VE2HOT

This is a revised list of 10 meter beacons as of August 16th, 1991. VE1VCA helped with this update. If anyone who reads this list finds any beacons not listed or has info about beacons that are in-active, please let me know so I can keep the list updated!

10 METER BEACONS VERSION 3.1

	Freq	Call	Location/Equipment
*	28.0505	PY2GOB	SAN PAOLO, BRAZIL 15W, VERTICAL
*	28.1750	VE3TEN	OTTAWA, CANADA 10W, GROUND PLANE
	28.1910	VE6YF	EDMONTON, CANADA
*	28.1950	IY4M	BALOGNA, ITALY 20W, 5/8 GROUND PLANE
	28.2000	GB3SX	CROWBOROUGH, ENGLAND 8W, DIPOLE
	28.2010	LU8ED	ARGENTINA 5W
	28.2010	KE5GY	+ARLINGTON, TEXAS 5W, VERTICAL
	28.2025	ZS5VHF	NATAL, RSA 5W, GROUNND PLANE, 1850 FEET
	28.2050	DL0IGI	WEST GERMANY 100W, VERTICAL DIPOLE
	28.2070	KJ4X	SOUTH CAROLINA EM84
	28.2075	W8FKL/4	VENICE, FLA 10W, VERTICAL
	28.2080	WA1IOB	MARLBORO, MASS. 75W, VERTICAL
	28.2100	3B8MS	MAURITIUS GROUND PLANE
	28.2100	K4KMZ	ELIZABETHTOWN, KY 20W, VERTICAL
	28.2100	WP4TY	SAN JUAN, PR 1W
	28.2120	EA6RCM	PALMA DE MALLORCA 4W, 5 ELEMENT, NNE
	28.2125	ZD9GI	GROGH ISLAND GROUND PLANE
	28.2150	GB3RAL	SLOUGH, BERKSHIRE 20W, DIPOLE
	28.2150	LU4XI	CAPE HORN
	28.2160	LU1DZ	ARGENTINA
	28.2175	WB9VMY	OKLAHOMA CITY, OK 4W, GROUND PLANE
	28.2200	LU4XS	BAHIA THETUS 54.49S / 66.44W
	28.2200	5B4CY	CYPRUS 26W, GROUND PLANE
	28.2220	W9UXO	CHICAGO, ILL 10W, GROUND PLANE
	28.2240	PY2AMI	+ SAN PAULO, BRAZIL 5W, GROUND PLANE
	28.2300	EA6AU	PALMA, BALEARIC ISLAND 10W, 5/8 GR PLANE
	28.2300	ZL2HMF	MT. CLIMIE, NEW ZEALAND 50W, VERTICAL
	28.2320	N4LMZ	MOBILE, AZIZONA
	28.2320	W7JPI	SONOITA, ARIZONA 5W, 3 ELEMENT YAGI NE
	28.2325	KD4EC	JUPITER, FLA 5W, VERTICAL
	28.2350	VP9BA	HAMILTON, BERMUDA 10W, GROUND PLANE
	28.2375	LA5TEN	OSLO, NORWAY 10W, 5/8 WAVE GROUND PLANE
	28.2400	OA4CK	LIMA, PERU 10W
	28.2405	5Z4ERR	KENYA
	28.2425	ZS1CTB	CAPETOWN, RSA 20W, 1/4 WAVE VERTICAL
	28.2450	EA3JA	BARCELONA
	28.2475	EA2HB	SPAIN 6W, GROUND PLANE
	28.2480	K1ZB	BELFAST, MAINE 5W, VERTICAL DIPOLE
	28.2490	WB9FVR	HOLLYWOOD, FLA 1W HORIZONTAL DIPOLE
	28.2490	PA0GG	HEEMSTEDE 2 W
	28.2500	Z21ANB	BULAWAYO, ZIMBABWE 15W, GROUND PLANE
	28.2500	4N3ZHK	YUGOSLAVIA JN76mc
	28.2520	OH2TEN	
	28.2520	WB4JHS	+DURHAM, NORTH CAROLINA 5W, VERTICAL
	28.2525	WJ7X	SEATTLE, WASHINGTON
	28.2550	LU1UG	GRAL PICO, ARGENTINA 5W, GROUND PLANE
	28.2575	DK0TEN	ARBEITSGEM, W GERMANY 40W, GRND PLANE
	28.2600	VK5WI	ADELAIDE, AUSTRALIA 10W, GROUND PLANE
	28.2620	VK2RS	SYDNEY, AUSTRALIA 25W, GROUND PLANE
	28.2640	VK6RWA	PERTH, AUSTRALIA
	28.2660	VK6RTW	ALBANY, AUSTRALIA
	28.2670	KB4UPI	ALABAMA EM63
	28.2685	W9KFO	EATON, INDIANA .75W, VERTICAL
	28.2700	VK4RTL	TOWNVILLE, AUSTRALIA
	28.2700	ZS6PW	PRETORIA, RSA 10W, 3 ELEMENT YAGI
	28.2700	KM4MY	+FLORIDA
	28.2750	PT7AAC	BRAZIL
	28.2750	AL7GQ	JACKSON, MISS .5/1 W, BROADSIDE
	28.2775	DF0AAB	WEST GERMANY 10W, GROUND PLANE
	28.2800	LU8EB	ARGENTINA 5W
	28.2800	VE1MUF	FREDRICTON, N.B. 500mW, DIPOLE
	28.2820	VE2HOT	+MONTREAL, CANADA
	28.2820	OK0EG	CZECHOSLOVAKIA 10 WATTS
	28.2820	EA7RCC	CORDOBA 10 W
	28.2840	VP8ADE	ADALAIDE ISLAND 8W, VERTICAL BEAM
	28.2860	KA1YE	ROCHESTER, N.Y. 2W, VERTICAL DIPOLE
	28.2870	W8OMV	ASHVILLE NORTH CAROLINA 5W, GR PLANE
	28.2870	H44SI	SOLOMON ISLAND 15W
	28.2880	W2NZH	MOORESTOWN, NEW JERSEY 3W, GR PLANE
	28.2900	VS6TEN	HONG KONG 10W, VERTICAL
	28.2910	LU2FFV	SAN GEORGE, ARGENTINA 5W, GR PLANE
	28.2920	ZD8HF	
	28.2950	WB8IGY	OHIO EM79
	28.2950	WB8UPN	CINCINNATI, OHIO 10W, RINGO
	28.2960	WC8E	
	28.2960	W3VD	LAURAL, MARYLAND 1.5W, VER. DIPOLE
	28.2970	WA4DJS	FORT LAUDERDALE, FLA 30W, 5/8 GR PLANE
	28.2990	KF4MS +	ST. PETERSBURG, FLA 25W, GR PLANE
	28.3000	DJ2HZ	
	28.3000	ZS1LA	STILLBAY, RSA 20W, 3 ELEMENT YAGI NW
*	28.3020	PI7ETE	NETHERLANDS
*	28.3255	DF0THD	WEST GERMANY
	28.2360	KI4PJ	
*	28.8880	W6IRT	CALIFORNIA 5W, GROUND PLANE - CODE
*	28.8900	WD9GOE	FREEBURG, ILL
*	28.9920	DL0ANN	WEST GERMANY .02W, SINGLE ELEMENT

* = NOT SANCTIONED BY I.A.R.U.

+ = new additions or modifications since last list

Edited by: VE2HOT@VE2FKB.PQ.CAN.NOAM



LET'S DO IT AGAIN

THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

The W30K CORRAL

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All Amateur Radio Operators are invited to participate in the DLARC, RACES & ARES nets on 146.70 W30K/rpt, with an alternate of 145.11, W3PYF/rpt.

The Nets are held on Sundays at 9:30 AM and on Wednesdays at 7:00 PM.

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DLARC INFORMATION LINE 820-9110

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The W30K CORRAL is published monthly and is the Official Publication of the Delaware-Lehigh Amateur Radio Club Inc.

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1991

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All regular meetings of the D.L.A.R.C. are held on the first Thursday of each month at 7:30 PM at the Northampton County Community College

TALK IN ON 146.70

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Any comments or articles contributed to this newsletter should be addressed to

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