THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

RD #4
GREYSTONE BUILDING
NAZARETH, PA
18064

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** MARCH 1988 **
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"WHAT'S THE RACKET ON PACKET"

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What's the Racket about Packet?
by Tom Teel, KB3UD

Packet radio has been the largest exploding part of the Amateur radio hobby since the FM repeater was conceived. There have more articles, more equipment, more legal changes, more technical involvement, and yes,more controversy over packet radio than any other addition to Ham radio.

The March program will be an introduction to packet for those who are just wondering what it is as well as an update for those who have been packet'ing for awhile. The program will consist of;

- o-The hows and whys of packet operation.
- o-What goes into a packet station.
- o-A description of the packet system
  - -Nationwide Networks
  - -Lehigh Valley/Pocono area "LAN"
  - -NetRom, KA-nodes & Rose (honest) switches
- o-Hands on demonstrations

If all goes as planned (and what doesn't eh?) there should be several complete packet stations set up to illustrate the various types of equipment available. These stations will also be used to demonstrate the operation of packet. There will be just enough talking to maintain continuity.

The rest will be all action. Plenty of opportunity for audience participation.

See you there. de KB3UD @ KB3UD.

CONTEST CALENDAR

Mar 5,6	ARRL DX Phone Contest
12,13	Iowa QSO Party
12,13	QCWA Phone QSO Party
12,13	RSGB Commonwealth Contest
13	Zero District QSO Party
19,21	Virginia QSO Party
19,20	YLISSB Phone QSO Party
19,21	BARTG Spring RTTY Contest
20,21	Wisconsin QSO Party
26,27	CQ WW WPX SSB Contest
26,27	UBA (Belgium) Contest

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SCANNER FREQUENCIES

For those of you who have scanners or have some of the new expandable receive frequencies on your handhelds, here a few of the local frequencies.

Northampton Cty Fire	154.340
Northampton Cty Fire Ground	154.385
Northampton Cty Medical	155.235
Lehigh Cty Fire	33.720
Lehigh Cty Police	158.850
Lehigh Cty Medical	155.265
Bethlehem City Police	460.325
Bethlehem Base 2	155.610
Allentown Police	453.475
Easton Police	460.350
Easton Fire	158.820
Palmer Twps Police & Fire	154.980
Regional Medical	155.340
Medovac (Helicopter)	155.220
PA State Police	155.580
Lower Saucon Police	154.710
Blue Mountain Police	154.860
Blue Mountain Fire	154.055

WHAT FREQUENCIES CAN I OPERATE

You may want to cut this out and keep it handy, if there is any question in your mind where you can operate with the class of license you hold.

1800-2000	ALL MODES	Gen, Adv, Extra
3500-3750	CW	Extra
3525-3750	CW	Gen, Adv, Extra
3750-4000	PHONE	Extra
3775-4000	PHONE	Advanced
3850-4000	PHONE	General
7000-7150	CW	Extra
7025-7150	CW	Advanced
7100-7150	CW	Novice, Technician
7150-7300	PHONE	Extra, Advanced
7225-7300	PHONE	General
10100-14150	CW	Extra
14000-14150	CW	Gen, Adv, Extra
14150-14350	PHONE	Extra
14175-14350	PHONE	Advanced
14225-14350	PHONE	General
21000-21200	CW	Extra
21025-21200	CW	Advanced, General
21100-21200	CW	Novice, Technician
21200-21450	PHONE	Extra
21225-21450	PHONE	Advanced
21300-21450	PHONE	General
24890-24930	CW	Gen, Adv, Extra
24930-24990	PHONE	Gen, Adv, Extra
28000-28300	CW	Gen Adv Extra
28100-28200	CW	Novice, Technician
28300-28500	PHONE	Novice, Technician
28300-29700	PHONE	Gen, Adv, Extra

I hope I didn't goof on these, but I copied them from a Packet file of hundreds of frequencies. <W3PYF>

DIGICOM>64 - GET ON PACKET CHEAP AND EASY
by Barry W2UP

Digicom>64 is a public domain TNC emulator program for the Commodore 64. It was written by a group of German hams. While its use in North America has been limited, it is popular in Europe.

The current release of Digicom>64 is version 2.00. It has all the capabilities of the common commercial packet systems, plus more. It has baud rates up to 2400, multi-connect capability, and direct read and write of both PRG and SEQ files to disk (full 8 bit transfers), and able to use free ram from the C64 for buffer storage about 30K.) Remote command capabilities allow for operation as a mini-BBS including different security levels of each command for specific stations. Disk logging functions allow one to see what stations have logged on, and what commands have been used. Up to 260 lines of standard buffer texts may be stored for instant retrieval. Up to 10 different parameter files may be stored on disk, for HF, VHF, BBS operation, etc. There are both 40 and 80 character modes available. The list goes on...

The XR2206/2211 circuit is for VHF only. The AM7910 circuit will operate on VHF and HF. Without any junk box, the XR modem costs about $20 to build, and the AM7910 modem costs about $35. I am in the process of designing circuit boards for both.

Anyone wanting a copy of program, send me a self-addressed disk mailer, return postage, and a blank disk, and I'll send you the program and docs on disk, and a copy of the schematic for the modem. (A one night project)

If you would be interested in a PC board, please send me a SASE, and I will let you know the details when they are available.

Barry Kutner W2UP
296 LEEDOM WAY
NEWTOWN, PA 18940

(EDITOR'S NOTE: I worked Barry using this program recently and it works great. May be a chance for many of you who have C-64's to get on Packet. <W3PYF>

WANTED

If you have a service manual for the Yaseau FT208R Hand Held unit. Call Joe Martocci K3CQY at work during the day or night at 867-4677. His home number is 588-1338, he would like to borrow it.

PREZ SAYS
by President Bob, KU3K

Amateur radio is one of the few hobbies that offer real challenges above and beyond what one has "built" or "collected" as is true in so many hobbies. You can be as responsive to these challenges as you want but unfortunately most of us tend to be selfish and keep ourselves inside a tiny-circle within a tremendous protective barrier and the real challenges go unanswered! If you really care about ham radio and its continued growth you must begin to share it that growth and not sit quietly inside your special circle. This hobby is more than just sitting at your equipment blastin the bull hour after hour!

As president of the DLARC I would like to challenge each of you: RESOLVE TO DO SOMETHING THIS YEAR THAT WILL MAKE YOU FEEL PROUD TO BE A HAM! I'd like to see every ham become A public relations person and promote amateur radio by becoming part of or starting an educational project, A public service project or just lending A helping hand to an interested person with ham radio as the cornerstone. It will take extra effort and you must strip away some of that self preserving selfishness that all of us are guilty of to some degree.

Thousands of people don't know what a ham is or how powerful our communication media can be...Did you know for example that A special luncheon is hosted by and for "hams" in attendance at the annual National Association of Broadcasters convention.

If you say you simply don't have enough time for other activities you will live A long and healthy life if you make sure that you never run out of things to do. Make the commitment..the time necessary will be there! STEP OUT OF YOUR CIRCLE..THIS YEAR.

de KU3K

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REMEMBER THE NEXT VE TESTING WILL BE HELD AT THE NORTHAMPTON COUNTY EMA HEADQUARTERS ON MARCH 4.. TELL YOUR FRIENDS AND NEIGHBORS AND KEEP UP THE GOOD ATTENDANCE.

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FROM THE OLD MAN
by Clarence, W3PYF

Well, now that Ray, W3TDF is back from Florida, I guess all of the weather will now clear up and the sun will shine. When Ray went to Florida, he took all the good weather with him. Welcome back Ray. A big welcome from the "old man" to the new members of the club, WA2ZQS, K3CP, N3FHI, and K3GQJ, as well as greetings to Ned, N3DRZ who rejoined our group. I hope you will enjoy the association as much as I have over the past 40 years.

I don't know how many of you listen to 70 during the day and night as much as I do, but if anyone ever wants to get real tired fast, listen to the schedule that Roy, KA3MNY and his XYL keep. Between their social engagements, their dances, their taking care of patients needing transportation to the hospitals for treatment and many more activities, he has to be busiest member of the club.

The turnouts for the Sunday and Wednesday EMA drills has been great, with 65 to 70 on Sundays and 55 to 60 on Wednesday nights. We can't ask for much more than that.

KA3RBH, Skip, K3ZTJ and at least one other amateur helped with the communications at the Boy Scout Klondike at Camp Trexler. All worked great, except the temperature did not cooperate.

This year, Bill will be forming the group to work the "Jamboree on the Air" the program for scouts which we started last year and hope that many more will participate. It was fun for the Boy and Girl Scouts, and many are looking forward to it again this year. <W3PYF>

FOR SALE

Knight G-30 Grid Dip Meter.....	$ 20.00
Knight KN2510 Voice Compressor...	10.00
Heath HD-11 Q-Multiplier.....	10.00
Trans-pro TM-1 CW Monitor.....	2.00
Micronta Tranist. Sig Tracer.....	5.00
MFJ 752 Audio Filter.....	20.00
RCA Volt-Ohmyst WV-77E.....	20.00
Heath Station Control.SB630.....	35.00
Heath Signal Monitor.SB610.....	65.00
Kenwood Xcver TS520.....	325.00

All in good conditions with Manuals
CONTACT LES,WA3ENE 253-8584 or on 70.

MNY TALKS
by Roy Buss, Secretary

The February 4th meeting of the DLARC was held with another full house present in anticipation of an excellent program and they were not disappointed! The meeting was called to order by Vice-President, Bart W2SPK.

The treasurers report followed and was approved as read.

The treasurer, KB3RI presented the names of five new members:

N3DRZ, Ned Hoffman
WA2ZQS, Kim Kromer
K3CP, Bill VanHorn
N3FHI, Bob Uleski
K3GQJ, John Greenage

They were all voted to membership. The secretary's report was accepted after the correction of a call letter of a new member, Bill Kratz, should be listed with the call of N3FVH.

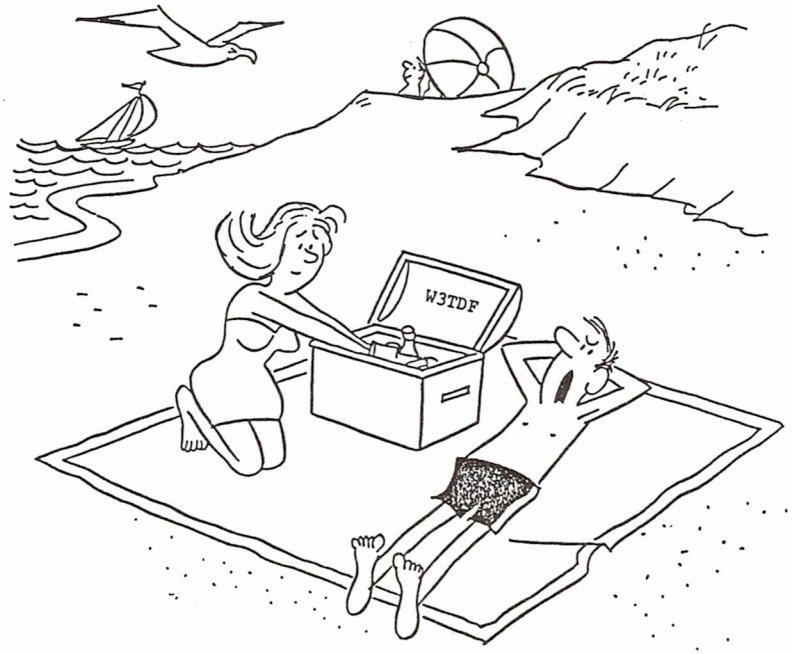
Joel, K9TBU announced that he had more copies of his information on the PK232 to those who missed it last meeting. He also had some copies of the schmatics of the new C-64 system of packet modems.

A discussion of club QSL cards was held and W3PYF will bring a design to the next meeting for approval or disapproval.

An announcement by W3PYF of the problems which may arise for the moving of a Delaware Repeater which will be moving from Newark Delaware to Wilmington was discussed. The president will write to the Coordinating committees to apprise them of this move.

Bill Goodman, K3ANS, our new program chairman then presented two speakers from the Tektronix company. Led by Joseph Skowronski, K2TRQ and they presented a very interesting talk on the use and functions of spectrum analyzers. The interest was so high that at the conclusion of the formal meeting, several of the members remained until after 1 AM to discuss more of the capabilities of the instrumentation demonstrated.

For the benefit of any members who missed the meeting, two members, W3TEB and KW3W taped the program and the tapes will be available to any member who wishes.



"Gloria, this year I'm going to relax and forget about amateur radio! ...give me a HAM sandwich and a PACKET of peanuts."

Submitted by W3TEB

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HAMFEST

The Splitrock Amateur Radio Association will be sponsoring a hamfest and flea market on March 19th. It will be held at the Dover Armory in Dover N.J. on Route 15 just a few hundred feet south of the junction with Route 80. The doors will open at 8 am for buyers and 6:30 am for sellers.

Talk in will be on 146.985 and 146.52 simplex. Parking is reported to be available for over 1000 cars.

Dealers will be able to drive indoors to unload their cars and tailgating space will be available outdoors.

For further information call Jeff, KD2YL at 201 366-3114.

From this area, take route 80 east to exit 34.

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REMEMBER

The access code for the repeater has been changed. If you have paid your dues and have not received your new entry code, contact Treasurer, KB3RI.

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NEW CLUB AWARD
by Barry, KU3X

K3NZ did it again! Another FB job. The DLARC DX-100 award is another fine award, designed and printed by Norm, that you can hang on the wall of your shack. The award was displayed at the last meeting and it is very colorful and impressive. I think that by the March meeting, there may be a few awards handed out.

The rules are as follows:

1. Work 100 Countries according to the ARRL DXCC countries list.
2. Work 100 Countries any band, any mode.
3. Submit 100 Countries, in alphabeti cal order, on form supplied by club.
4. Original logs must be submitted with forms. Logs will be returned.
5. The 100 countries must be worked after starting date February 5th 1988.
6. QSL cards are not required.

Entry forms are available at the club from KU3X or KA3MND. Logs and forms should be given to either KU3X or KA3MND.

If you listen to any DX contest, you should be able to pick up at least 50 countries with very little difficulty.

73's and good luck
de Barry, KU3X

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MORE ON SCHOLARSHIPS

The FOUNDATION FOR AMATEUR RADIO, Inc a non-profit organization with headquarters in Washington, DC plans to award twenty-eight scholarships for the academic year 1988-1989 to assist licensed Radio Amateurs. The foundation, composed of fifty local area Amateur Radio Clubs, fully funds six of these scholarships with the income from grants and its annual Hamfest. It administers without cost to the donors, seven (7) scholarships for the Quarter Century Wireless Association, two (2) each for the Dade (FL) Radio Club, the Baltimore (MD) Amateur Radio Club, the Department of State Amateur Radio ARC, the Amateur Radio News Service, the 10-10 International Net, the Radio Club of America and one (1) each for the Richard G. Chichester Memorial, the Young Ladies' Radio League, the Columbia (MD) Amateur Radio Association, the Frederick (MD) Amateur Radio Club and the Vienna (VA) Wireless Society.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment at an accredited university, college or technical school. Some of the scholarships require the holding of at least an FCC GENERAL Class license or equivalent. The awards range from $500 to $2000 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs.

Additional information and application forms can be requested by letter or QSL card, postmarked prior to May 31, 1988 from:

F A R Scholarships
6903 Rhode Island Avenue
College Park, MD 20740

The Foundation for Amateur Radio, incorporated in the District of Columbia, is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

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WHAT DO YOU THINK?

In a letter to the club from Hugh Turnbull, W3ABC, ARRL director, and Jim Mozley, W2BCH the vice-director, they ask your thoughts on the request to permit single side-band operation in the 7050-7100 KHz portion of the 40 meter band.

Hugh asks for responsible input from us and the rest of the Amateur community prior to the next Board meeting which will take place on July 21 and 22, when the matter will be discussed.

Hugh's address is listed on Page 8 of QST.

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RENEW YOUR ARRL MEMBERSHIP THRU OUR CLUB

DIGICOM64
A TNC Emulator for the Commodore C64

By Clark W3ZMN

My first introduction to DIGICOM64 was a note in the November 1987 QST's "On Line" department by Barry W2UP. I almost sent him a disc with a self addressed mailer at that time, but as usual I procrastinated. Then over the Christmas holidays I noticed a lot of traffic flowing through the KB3UD PBBS for Barry with questions about DIGICOM64. Not wanting to be left out any longer I sent him my self addressed mailer. It only took me an additional two weeks to construct the needed modem. Barry had enclosed two circuits. I chose to build the one using an XR2206 function generator as a FSK transmitter and a XR2211 FSK receiver.I also included the optional 555 watch dog timer. The watch dog prevents the transceiver from being keyed for more than ten seconds at a time. This is a safe guard in case of a computer crash.

When I left a message for Barry on the KB3UD PBBS telling him I was up and running DIGICOM64 he immediately asked to schedule some direct keyboard to keyboard operations. It seems that although he had mailed out over 950 copies of the program, I had the fist in the local area besides his own system and he was anxious to try some of the remote functions of DIGICOM64. For several nights we maintained a schedule between Bethlehem and Newton via the K3WGV-1 digipeater. Barry was able to read all my parameters remotely and gave some tips on setting them for more efficient operation. DIGICOM64 allows for C64 program file reads and writes. Using this feature I transferred a program called "CALENDAR" from Barry's floppy disc to my own. The file ran just as received. Barry then transferred it back to his floppy disc. It was still a perfectly executable program at his end. We tried the multi user function. DIGICOM64 V2.0 supports four connect ports and gives each of them a separate screen. By using a different call on each port (W3ZMN, W3ZMN-1, etc) we simulated multiconnects and tested a chat function that allows connected users to chat between ports. A lot of this was done to learn how to use the software. It seems not all the documentation has been translated from the German for V2.0. Yes DIGICOM64 was written by German hams and it is very popular in Europe. It is just now becoming popular in this country.

I ran into Joel on 144.97 and asked him if he would like to try controlling my system remotely. Although he had some studying to do he was very willing to try some of the functions. I think he was impressed as he immediately sent me a disc and mailer for the software and information. Joel tells me he has passed out copies at your club meeting. The software and circuits are public domain so please copy them and distribute to all who might be interested. Even if you are on packet with a C64 and a real TNC you might want to consider DIGICOM64. It has a lot of features that are not found on a commercial TNC. I could only cover a few of the features here. If you have more questions feel free to ask. If I don't know the answer I'm sure Barry will know. I hope in the near future to see lots of DIGICOM64 systems operating on our local packet network.

73 de Clark W3ZMN

Editors note: Clark was formerly a president of Delaware-Lehigh Amateur Radio Club.

First licensed in 1954 as WN3ZMN he became W3ZMN in 1955 and has held an extra class since 1971.

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SCHOLARSHIPS

The Dayton Amateur Radio Association is now accepting applications for its annual $1000.00 scholarships. Licensed amateurs graduating from high school in 1988 are eligible. Advise any in our area who may qualify.

If you want any further information and applications forms write:

DRA Scholarships
317 Ernst Avenue
Dayton, Ohio 45405

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BLAME IT ON PHIL
by Wendell, W3IRX

Part 1.

I noticed that Punxsutwney Phil failed to see his shadow on Groundhog Day so there won't be six more weeks of winter and we can all look forward to an early spring. You know what comes with spring don't you? You got it...spring rains and those terrible thunder boomers that loose enough electrical energy to obliterate all the Ham Shacks in the Lehigh Valley (and here in Bucks County too). What are you doing to protect all that beautiful gear that you worked so hard to collect? There area a number of our DLARC Members who can relate horror stories about lighting damage to their stations or computer installations. I am still trying to get a modem and a serial port operational after last summer's aerial fireworks---that was through the phone line, so you never know.

There are four ways in which destructive surges or transients can get into your shack and/or computer installation from a large number of sources.

Lightning is probably the most potentially (no pun intended) destructive, and in assessment of my situation. I determined that I needed to give attention to the following weak points:

First it was important to establish a good ground system. Normally it is possible, if you are a city dweller, to establish a good water pipe ground (make sure there is a heavy conductor jumpering your water meter) or perhaps a hot water heating pipe will suffice provided it actually does go to ground. Country boys like me often have to resort to the old "drive a rod in the ground trick" and believe me, it's difficult to find a place where you can sink at least one copper plated 8ft. ground rod. Since I have a well, the pipe going from the house to the well would be great ground if it is steel. Mine is plastic, a great insulator.

Second, I addressed the power service coming into the house from the utility pole and transformer. After reading an article in the Feb 1982 issue of QST entitled "Protect Your Equipment From Damaging Power Line Transients", I went to a local electric supply house and purchased a SQUARE D QJ9200-10 secondary surge protector which I installed at my service entrance panel. This is a neat 3-wire device which contains an assembly of MOVs (Metal Oxide varistors) packaged in such a way that it is mounted in a 1/2" knockout in your service cabinet. Ideally it should be hung by its leads and attached at the service head where the service cable and service drop connect, or in the meter box. These latter procedures should be done, I believe, by your power company-if they would do it at all. In my case I had to, working carefully with insulated tools, install the leads in the line side of the main breaker.

The third area of concern was to protect the equipment where it plugs into the power outlet, just in case some of the bad stuff got past my service panel or was created within the house, for example, by the oil burner, power tools or a variety of things that can cause induced spikes on the power lines. For my computer equipment, I built a neat device sold by Heathkit called the SK-209 AC CONDUCTOR. There are any number of devices on the market to provide the same level of protection. This one appealed to me because it provided five individually switched outlets with indicators and a master switch. The monitor sets on top of it on a handy swivel base. This provides a MOV from hot to ground for spikes and bypass capacitors from hot and neutral to ground for line filtering. If you have a noisy computer installation, you might include circuitry similar to that described in the next step, inside the Heath or similar box. The Pi network brute force filter should eliminate most computer hash from the power lines.

The fourth area was to provide a similar degree of protection for all the other equipment, most of which is solid state, in my shack. Going back to good old QST, I found just what I was looking for in the Dec 1986 issue in an article entitled a HAM SHACK AC-OUTLET STRIP WITH FILTERING.

Next month, I will continue with additional suggestions for protecting your shack. Also I will include a list of references that you find interesting and useful.

YANKEE DOODLING

PEDDLING IT--EPILOGUE

You never know just how far a club newsletter travels--until you write for one. Shortly after writing Chapter I of "PEDDLING IT," I received a brief note from Tony Musero, K3UKW, of Philadelphia. [Tony's call may seem familiar to those of us who read "HAM ADS" and other classified gear listings.] Tony has been running a small used gear business since 1975. He takes gear on consignment, publishes a listing every 6 weeks (SASE to 1609 S. Iseminger St., Phila, 19148), and goes to most regional hamfests. He noted other classified listings for amateur gear including: *WORLDRADIO* MART, 2120 28th St., Sacramento, CA 95818; BARTER 'N' BUY in *73*, WGE Center, Peterborough, NH 03458; Flea Market in *HAM RADIO*, Greenville, NH 03048; and HAMBAR in *FLORIDA SKIP*, P.O. Box 501, Miami Springs, FL. 33266.

ANTENNA SEASON

Well, not quite! As I write this I am listening to the weather forecast, "Heavy snow beginning after midnight--accumulating 6" to 12", may change to freezing rain before ending mid-afternoon tomorrow." But it's time to plan some new antennas.

There are plenty of antenna books, and I guess that I've either read or bought most of 'em over time. Some look really impressive sitting on the shelf, and are probably real useful if you have a Ph.D. in EE or Physics. However, for some really useful designs and helpful advice, I don't think you can beat those written by Bill Orr, W6SAI and Stu Cowan W2LX. There are five books in the series:

SIMPLE LOW COST WIRE ANTENNAS
ALL ABOUT VERTICAL ANTENNAS
RADIO AMATEURS ANTENNA HANDBOOK
BEAM ANTENNA HANDBOOK
ALL ABOUT CUBICAL QUADS

These books contain all sorts of ideas, suggestions and "war stories" like you'd get in a year of club meetings and 2 Field Days. If I had to select just one of these books, I think it would be SIMPLE LOW-COST WIRE ANTENNAS, 'cause I've gotten so many useful ideas from it. Want to cure those RF burns when you operate on 40 meters? This book has the cure. (A counterpoise!) Want some good 160 Meter antenna designs--that work? You'll find about a dozen including a couple of my favorites, the TWIN LEAD MARCONI, AND THE 3/8 - 3/4 WAVE MARCONI.

These books are published by RADIO PUBLICATIONS, INC. of WILTON CONNECTICUT and are medium-sized (6" x 9") paperbacks. Originally priced at about $5.95 each, they now fetch about $11, unless you can find an older edition at a hamfest. (Just remember, it's less than 2 months till DAYTON, and Flemington is (probably) even sooner.)

STILL MORE CONTESTS

By the time that you read this, the 1988 ARRL CWDX contest will be history and several DLARC members will have earned the new club DX100 award. (Yep, it can be done in a weekend.) It's not too late for the phone contest though; it's scheduled for the 1st weekend of March. (0000Z 5 March to 2400Z 6 March, or 7 PM Friday till 7 PM Sunday.) Use any amateur band where you can legally operate phone (NOVICES, 10 M. SSB is great for DX) and go for it! If your station is capable of working FLORIDA or COLORADO, you can work some DX in this one: the Bahamas & Virgin Is., the easy Europeans & Africans, Bermuda, even New York City! (4U1UN at the United Nations in NYC is almost always on for the phone contest. Talk about an easy country on 75!) The exchange is simple: report and STATE, i.e. 5x9 in PA. (You'll be amazed how strong your signal is--everyone will give you a 5x9 in this contest, even if you're running QRP.) GOOD LUCK!!!

PLANNING A TOWER THIS YEAR???

Several club members are and they're wondering about a consolidated order and quantity discount. Nothing certain, but if you might be ordering some tower and would consider participating in a consolidated order, mention it to Bill, NC3P, on .70 or at the next club meeting.

DLARC GEAR INFORMATION GRAPEVINE

Have you ever wondered how many of the specifications on a piece of gear were the creation of the advertising department, and how many came from the engineering department? Just how hot is the receiver on the KENWOOD TS-440S? Does the speech processor on the YAESU FT-767GX really cut thru pile-ups? How quiet is the receiver PLL in the new Ten-Tec Paragon? The best way I know is to try a radio myself and the second best way is to talk to a (un)happy owner. Would you be willing to list your gear in a club directory (or data base) so that a prospective owner could talk to you about the radio, or even stop-by some day for a cup of coffee and a half hour on your radio? (A fellow DLARC member recently offered me the use of a radio for a few days to try it out, and his hospitality prompted this idea.) If you're interested in LISTING your gear and being an information source, please let me know. No inquires yet, please; I'll let you know how this project looks in a month or two. We should include all ages of equipment--new hams (especially those on limited budgets) have lots of questions about the older rigs like NCX-3's, FPM-300's, Swan 400's, etc. 73 de K3YD ...-.- ..



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CROZET I. - FT8BZ on 7007 KHz at 1300 UTC says he will be near that frequency daily during his 1-year TDY on the Island. He will add more bands as his available time permits. QSL via F6CZB.

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GABON - TR8JJ on 14,026 KHz from 2000 UTC. QSL to Box 13398, Libreville, Gabon.

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GRAND CAYMAN - 16-24 Feb. ZF2KE by K9DX, ZF2BB by K9HMB and ZF2HM by K9RS. They hope to be on all bands with cw and ssb. They will be a multi-single entry signing ZK2KE in the ARRL DX CW Contest on 20/21 Feb. QSL to the home CBAs.

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GRENADA - 17 Feb-8 March. Probably prefixing their suffixes with J34, a team led by Bill, K4LTA, his xyl Ruby N4FKO, Dave W5PWG, Mel K4PJ and perhaps others, there for the ARRL DX CW Contest on 20/21 Feb. and the ARRL DX Phone Contest on 5/6 March, will be active on all bands. Watch 1823-1833 KHz, 14,195 and 14,257 KHz for announcements of schedules on other bands (including the WARC bands). A weekday schedule for Novices at 2230 UTC on 21,123 KHz. This is your opportunity to fill the gaps in your 5B-DXCC for J3. QSL as announced with s.a.s.e. and a donation for expenses.

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JORDAN - JY9LC with cw and ssb in the usual DX slots of 10, 40 and 80 meters. QSL to J. Sproat, P.O. Box 290, Tia Al Ali, Amman, Jordan.

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LESOTHO - 7P8DP on 21,305 KHz from 1500 UTC. QSL Scotty via W8JBL.

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LITTLE CAYMAN I. - 17-21 Feb. N5KNN will pick up his ZF8-callsign on arrival. He plans cw-only at the low ends of 15-40m. QSL Ken to his home CBA.

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LORD HOWE I. - Now to 1 March. VK9LM by DJ5CQ, emphasizing cw on 10-40 meters. QSL to his home CBA.

***

MACAO - Phil Weaver, VS6CT, has extended his XX9CT operation to 20 Feb. He's on 10-80, emphasizing the lower bands. QSL via KA6V.

***

MOZAMBIQUE - In addition to the almost daily ssb activity of C9MKT, stay alert for SM9DZZ/C9 on cw, about 35 KHz above the low ends of 10-40. QSL to his home CBA.

***

NAVASSA I. - 17-25 Feb. Delayed by weather, K2SG/KP1 on cw and N2EDF/KP1 on ssb have abandoned plans for SSTV but will be active on RTTY. The team now comprises N2EDF, KD2NT, KT2Q, K2SG, W3GH, N4GNR and KE4HU. QSL via N4GNR.

***

NIUE - 21-26 Feb. ZK2MB by YL NM7N and ZK2JS by WB2CJE/4 with cw-only on 10 to 40-meters. QSL to their '88 CBAs.

***

PACIFIC ISLANDS - 4X6TT should be signing /ZL during the next few days before opening in the Fiji Islands (3D2) about 24 Feb. On or about 29 Feb. he expects to be on Wallis Island signing /FW. His island-hopping will continue thru March. Watch 1906, 7090, 14,195, 21,195 and 28,505 KHz. QSL Amir to: P.O. Box 36411, Tel Aviv, Israel.

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SAN ANDRES I. - HKØBKX is usually near 14,030 KHz from 1400 UTC. QSL: W2GHK.

***

WESTERN SAHARA - SØRASD was able to correct the problem with his rig and has resumed his frequent appearances in the various 20-meter nets. QSL via EA2JG.

All Amateur Radio Operators are invited to participate in the DLARC 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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The DLARC NEWS is the Official Publication of the Delaware-Lehigh Amateur Radio Club Inc.

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1988

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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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