THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

RD #4
GREYSTONE BUILDING
NAZARETH, PA
18064

JULY 1986

1986 DLARC PICNIC

The DLARC will again hold its annual Club picnic this year at Upper Hackett's Park (Field Day Site) in Easton on August 3rd starting at 11:00 AM. We have been able to reserve the pavillion so you will not have to bake in the sun, unless you want to. All DLARC members and their families are invited to attend. The club will provide the hamburgers, hotdogs, rolls, corn on the cob, soda, "non-soda" potato chips and pretzels. Your job is to eat them. Doesn't sound too hard, does it? The only thing you are asked to brig is deserts or potato, macaroni or summer type salads. As in the past, I need to know what you would like to bring. I can be contacted on 863-5698 or on .70. We are usually are able to roust up a volley ball game or softball game. Lots of swings and a sliding board are available for the children. Toilets are also available. Hope you can make it.
de Diane N3BHF chairman

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NOTICE
To: All DLARC Members

Please rewiew the amendments to the DLARC Constitution and By-Laws attached to this issue of The News.

Plan to attend the July 3 regular club meeting and cast your vote.

CLUB BANQUET BIG SUCCESS
by Clarence W3PYF

Leaving all of us with the feeling, that if she had a chance, she would make a trip in the next shuttle in spite of the problems that bugged the last one, Jeannine Duane, WB2MBW kept us all at attention for two hours on Saturday night June 14. Telling of her experiences, in her selection and trips to Washington, Houston and other areas of NASA training, most of us just listened and marveled at the knowledge and stamina of a Lancaster Pennsylvania girl who made it to the finals in the selection of the first civilian in space. The graduate of Millersville (PA) University, now a resident of Long Valley, NJ who has her MBA from Lehigh and is now in a Doctorate Program at Lehigh, proved that she is definitely an asset to NASA in their educational program of the public on the features and activities of the space agency. With a model mock-up of the space craft if front of her, she explained in detail many of her experiences with the astronauts in her screening at the various space agency locations. Her ability to keep the mixed audience firmly planted in their seats for the full talk, with her demonstrations of everything from the types of food and drink used in space to the uniform jacket covered with velcro strips to keep the small items from floating around the spacecraft was one of the most informative talks our club has ever had on any subject.

As part of the program, Club President Tony, K3ZUF, presented the plaque for the PA QSO Party to Don W3LR for his second prize. He announced that first prize went to KJ3R and the third prize to N3BIB. My thanks to my other members of the committee, Val W3EFL and Jan, WB3BJL who in spite of all the work in getting ready for her move into her remodeled home, took time to arrange for the small corsages for all the women in attendance.

<W3PYF>

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LETTER FROM THE PREZ

This is a very important issue of the club newsletter. It contains the proposed changes to the constitution and by-laws of the club. The present constitution has served the club well for many years., but with the increase in membership and participation by family members, some changes need to be made. Please read the proposed constitution and attend the July meeting to discuss these changes. I'm writing this letter just prior to the club banquet. It should be an enjoyable evening with a sellout crowd. I'm looking forward to presenting the well earned trophies to KJ3R, W3LR, and N3BIB for their fine effort in the PA QSO Party. Don't forget the July meeting! We will also be recapping Field Day.

73, Tony, K3ZUF

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DIANE SEZ

The June meeting of the DLARC was held on June 5 with 49 members present. Vice President KW3W presided There was a lot of business conducted and I'll list them for you.

The club picnic has been scheduled for August 3rd at Upper Hackett's Park, Easton, look elsewhere in this issue for more details. The July session for amateur exams will be the last for the summer months and will be held on July 11, because of the July 4 weekend. VEC chairman, KR3U, Dennis announced that the August and September sessions will be eliminated and the next tests will be held on October 3rd.

Last minute preparations for Field Day 1986 were discussed, and by the time you read this, it will already be history and I'll be duping the logs. Hope you found time to stop by to help out.

A letter from Ed Andrews, WA3TRX, Bucks county Emergency Coordinator was read by the secretary. Ed expressed his thanks to the club for our help in "Hands Across America."

July 20, 1986 will be the date for this year's "Derriere in the Delaware". Volunteers signed up at the meeting, and if you weren't there, and would like to help, contact Tony K3ZUF or Bob KW3W.

The club's help was requested for a soccer tournament to be held on June 14 and 15. Approximately 20 people were needed. Due to a lack of interest, we decided not to participate. (NOTE). Did you ever wonder why with over 200 members in the club, we can't provide enough help for this type of gathering? I have.

A letter has been sent to Commodore, expressing our displeasure with and requesting a replacement for the C64 we recently purchased. After repeated attempts at repairing it, we have found that it was very early model with no RF shielding.

Repeater etiquette was again discussed. That is it for this June.

Diane (Still N3BHF)

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PROPOSED CHANGES TO THE CONSTITUTION AND BY-LAWS

The following sections have been added, deleted or changed as indicated. These changes have been presented to the club by the secretary at the June 1986 regular club meeting. These proposed changes will be discussed and voted on at the July regular club meeting. Since the present constitution requires agreement of two-thirds of the regular membership in good standing to amend the constitution, A VOTE IN FAVOR OF THE PROPOSE CHANGES WILL BE ASSUMED FOR THOSE NOT ATTENDING THE JULY MEETING.

CONSTITUTION

Article 2 Section one....add "family members"

Article 3 Section one ...do not define the total number of Board of Directors in the constitution.

Article 4 Section one...add "associate and family members" can vote.

Article 7 Section one...dues are due on Jan 1st, not paid quarterly as presently defined.

Article 7 Section three...add the March deadline for payment of dues.

Article 7 Section four....add this section to allow charging new members one half the annual dues when joining the club after July 1.

Article 8 Section three...eliminate the requirement for 1/3 of the membership to have a quorum.

Article 9 Section five...add "who are in attendance"

Article 9 Section six...eliminate requiring agreement of the majority of the regular membership to amend the By-Laws.

Article 10 Section seven...add to parts A & B "at the meeting at which vote is taken"

BY-LAWS

Article 1 section three....change from "Secretary" to "Treasurer".

Article 1 section seven... add entire section

Article 2 section four...add "He/She shall have the Authority to pay normal and regular monthly bills"

Article 5 section one...remove "dues for all members shall be six dollars" and replace with proposed section.

Article 5 section two...change from "notified in writing by the secretary "to" notified by a noticeable mark on his/her February newsletter"

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This Month's Brain Teaser

There are twelve balls, one of which is heavier or lighter (you don't know which). You have a balance type scales. In three weighings you can determine which ball it is and whether it is heavier or lighter. HOW??

Answer on page 7.

from ARNS Bulletin

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HANDS ACROSS AMERICA
by Diane, N3BHF

May 25th found 10 DLARC members enroute to Bristol, PA to aid in providing communications for the much publicized "Hands Across America". Into three cars piled Jeep, WA3DAY, Joe K3CQY, Ron K3LPR, Dick KC3CR, Bob KU3K, Jan KA3NJR, Diane, N3BHF, and John KA3JAL. Herb, K3CIS with Joy, his YL and Al KA3ODI took separate routes.

After about an hour and a half of turnpike driving we all managed to meet at the Holiday Inn, Bristol. Having arrived 45 minutes prior to our requested time we were ready to relax with some fresh coffee and an egg or two and maybe even a donut. This was not in the cards. Upon arrival at 11:00AM, I was ushered to my "command post" and put to work. The remaining DLARC contingent was divided into 3 groups according to location assignments. They were then given directions on how to locate their "spot" and dispatched out into Bristol and Philadelphia via 3 cars. Eventually everyone found their locations and tuned to their assigned repeaters. People from everywhere began to convene. People from the Poconos, Reading, Bethlehem, Connecticut and New Jersey began to try to find their preassigned areas. Meanwhile back at the command post, I was trying to find out how to give directions to all these people in a place I had never been before. Where were the "porta-pottys"? They were supposed to be located along the line. My job was to get an estimate from those under my command as to the percentage of people on site. Since most of us never bothered to figure how many people it took standing hand to outstretched hand to fill a mile we had some problems. An answer of 10-20 people was of no use to the "HAA" officials. In some areas right up to 2:45 only 10% of the people were present. Between 2:30 and 2:59 everything came together. Buses, sometimes 6 of them, arrived at their preassigned spots at 2:45 PM with only minutes to spare. Hands began to be grasped, arms began to reach to try to fill the gap. At 2:55 PM a large gap remained across the street from our Holiday Inn command center. At 2:57 the gap was still there, but beginning to close. To us inside, we could feel them stretching to try to reach each other. Finally we couldn't stand it anymore and ran across the parking lot at 2:59 to join the human chain. Someone stopped traffic for us (we had to cross a 4 lane highway) and we reached the line at 3:00 on the nose. What a feeling. Passing cars blew their horns, motorists hung out their windows and applauded or gave the thumbs up sign and we sang our hearts out for 15 minutes. You may ask some obvious questions. Was it worth the drive? Was it worth not having time to eat even a sandwich? The response is an unqualified YES! YES!. Ron K3LPR, told of a young boy coming up to him and thanking him for what he did. With our "Hands Across America Staff" hats we seemed more important than we originally had thought. But perhaps it wasn't an exaggeration. We helped to pull off what a lot of people felt was an impossibility. Sure there were gaps in the line in some parts of the country, but the spirit of the event was felt nationwide.

On that day, we were all united in our thoughts of standing together to fight some of the problems that prevail in this country. It's great to be able to help people from foreign soil, but it is even more gratifying to know you are helping people less than 5 miles away .(The soup kitchens in Allentown will benefit from HAA) Those of us who were there are all proud to be part of this great program and if you are a DLARC member, you can be proud that we were well represented as an active efficient organization.

(Editors note: Thanks gang for a great job, it shows that all the practice we have, every Sunday and Wednesday pays off)

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DLARC Classified Ads

MFJ signal enhancer II model MFJ-752/w AC power supply and owners manual. $35

DeVry 5" oscilloscope/w manuals. Operational. Great for RTTY. $65

Assorted parts from linear amplifier. Many hard to find type. Includes transformers etc. Make offer for box full that it may take two(2) to carry!

Smith Corona Electra 120 electric typewriter. 12 inch platen. Medical keyboard. Used on many of your old DLARC News. May need letter alignment. $35

CONTACT: Les, WA3ENE on .70 or at 253-8584. or Tony, N3CVH at 253-2161

WANTED: Williams Twsp. Vol. Fire Co. needs info/schematic for RCA Handie Talkie model HC1335CA42

CONTACT: Les WA3ENE at 253-8584

Mirage B23 Two meter mobile amplifier. 2 watts in for 30 watts out. Ideal for HT mobile operation. $35

CONTACT: Jim N3EYJ at 253-7086

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HOW'S YOUR ENGLISH

We'll begin with box, the plural is boxes,
But the plural of ox is oxen not oxes;
One fowl is a goose but two are called geese,
Yet the plural of moose is never meese.
You may find one mouse, or a whole nest of mice,
But the plural of house is houses, not hice.
If the plural of man is always men,
Why shouldn't the plural of pan be called pen?
If I speak of a foot you show me two feet,
And I give you a boot would a pair be called beet?
If the singular's this and the plural these,
Should the plural of kiss ever be keese?
We speak of a brother and also of brethren,
But though we say mother, we never say methryn,
Then the masculine pronouns are he, his, and him,
But imagine the feminine she, shis, and shim!

from the ARNS Bulletin

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FROM THE OLD MAN
by Clarence W3PYF

Before I begin this months saga, I want to congratulate Diane, N3BHF who passed her EXTRA exam last month and we all forgot to congratulate her. Diane or Diana as her mother calls her, worked hard and long to make this upgrade. Our best wishes from all of us.

Another month and here I go again. If you wonder what I have heard during the last month as I sit here, you will be surprised. One the funniest things I have been connected with this month was the night that I heard Joel, K9TBD at Hacketts Park for a Boy Scout awards get-together and his panic at finding no power there for the after dark ceremony, We once again proved that if we amateurs put our minds to it, we can do anything. I answered his call, on '70 and went to work. I first called the police department in Easton, and the dispatcher said she had no emergency number for the park, so I figured that the next worst thing was to call Chet WA3ZDO, who is also a police dispatcher for the City of Easton. Chet came up with the name of the park board person in charge, and within about 30 minutes there was a person there to turn on the lights. Once again our repeater paid off.

Listened all month to Bill, KC3KT as he tried out his new ICOM 27A in his new vehicle. It sure sounds good Bill, and good luck with it. It will give you coverage from all over the map I am sure.

Congratulations to the newcomer to amateur radio. Dave WB2SAW and his XYL have a new YL in the family bringing his family to an even two with one boy now and the new girl. All you have to do now Dave is one more to break the tie.

We do have one problem though now in the club, with our Editor in Chief. He is now building and flying model airplanes and when one of them crashes, the newsletter gets behind another day or two. The idea Ken is to keep them up in the air, not have them hit the ground. He does however have company in this added hobby in Wally, W3YXS, Hank, WA3TSK and Bob, WB3DTG. To hear them talk, it is a lot of fun to spend hours building these balsa monsters and the minutes to have them hit the ground. Sounds almost as much fun as Barry, KU3X has in going to flea markets to look for a vacuum variable to replace the one he broke when he dropped a 1000TH on it. You should see what happened to the tube as well.

The clubs thanks to Ron, K3LPR for his great work one day this month as he fixed the problem of the W3OK repeater. It took a lot of stuff to stay up there at the site with the temperature at 90 degrees outside and must have been a lot hotter in the building. Of course he may have just been getting in practice for the place I usally tell him to go. It has been behaving since his 4 or 5 hour stint on that location.

Just got some great news, I think!!!! Weiss's the "watering hole" where meeting B is held each month after the regular one at the Greystone Building has been sold according to John the proprietor to a younger man and he will in all probability keep later hours to take care of us after the regular meeting. This will wrap it up for this month, and it would help if some of you who have some little bits of news, and don't want to go to the trouble to write them up give me a call on 70 or the phone and pass them along.

73's until next month.

W3PYF>

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AMATEUR BAND ALLOCATION

NOVICE CLASS - CW ONLY

80 Meters 3700 - 3750 kHz.	40 Meters 7100 - 7150 kHz.
15 Meters 21.1 - 21.2 mHz.	10 Meters 28.1 - 28.2 mHz.

TECHNICIAN CLASS

All Novice privelages on 80-40-15 and 10 plus:

6 Meters 50.0 - 50.1 mHz. CW	50.1 - 54.0 mHz. Phone
2 Meters 144.0 - 144.1 mHz. CW	144.1 - 148.0 mHz. Phone

GENERAL CLASS

160 Meters 1800 - 2000 kHz. CW & Phone		
80 Meters 3525 - 3750 kHz. CW		3850 - 4000 kHz. Phone
40 Meters 7025 - 7150 kHz. CW		7225 - 7300 kHz. Phone
30 Meters 10.100 - 10.150 mHz. CW	MAX. POWER 200W. PEP	
20 Meters 14.025 - 14.150 mHz. CW		14.225 - 14.350 mHz. Phone
15 Meters 21.025 - 21.200 mHz. CW		21.300 - 21.450 mHz. Phone
12 Meters 24.890 - 24.930 mHz. CW		24.930 - 24.990 mHz. Phone
10 Meters 28.0 - 28.3 mHz. CW		28.3 - 29.7 mHz. Phone
6 Meters 50.0 - 50.1 mHz. CW		50.1 - 54.0 mHz. Phone
2 Meters 144.0 - 144.1 mHz. CW		144.1 - 148.0 mHz. Phone

ADVANCED CLASS

160 Meters 1800 - 2000 kHz. CW & Phone		
80 Meters 3525 - 3750 kHz. CW		3775 - 4000 kHz. Phone
40 Meters 7025 - 7150 kHz. CW		7150 - 7300 kHz. Phone
30 Meters 10.100 - 10.150 mHz. CW	MAX. POWER 200W. PEP	
20 Meters 14.025 - 14.150 mHz. CW		14.175 - 14.350 mHz. Phone
15 Meters 21.025 - 21.200 mHz. CW		21.225 - 21.450 mHz. Phone
12 Meters 24.890 - 24.930 mHz. CW		24.930 - 24.990 mHz. Phone
10 Meters 28.0 - 28.3 mHz. CW		28.3 - 29.7 mHz. Phone
6 Meters 50.0 - 50.1 mHz. CW		50.1 - 54.0 mHz. Phone
2 Meters 144.0 - 144.1 mHz. CW		144.1 - 148.0 mHz. Phone

EXTRA CLASS

160 Meters 1800 - 2000 kHz. CW & Phone		
80 Meters 3500 - 3750 kHz. CW		3750 - 4000 kHz. Phone
40 Meters 7000 - 7150 kHz. CW		7150 - 7300 kHz. Phone
30 Meters 10.100 - 10.150 mHz. CW	MAX POWER 200W. PEP	
20 Meters 14.000 - 14.150 mHz. CW		14.150 - 14.350 mHz. Phone
15 Meters 21.000 - 21.200 mHz. CW		21.200 - 21.450 mHz. Phone
12 Meters 24.890 - 24.930 mHz. CW		24.930 - 24.990 mHz. Phone
10 Meters 28.0 - 28.3 mHz. CW		28.3 - 29.7 mHz. Phone
6 Meters 50.0 - 50.1 mHz. CW		50.1 - 54.0 mHz. Phone
2 Meters 144.0 - 144.1 mHz. CW		144.1 - 148.0 mHz. Phone

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EDITORIAL
by Clarence W3PYF

All of us know the reception of radio signals in our homes and in the homes of anyone in the United States has always been permissible regardless of its content. This will all change if the new rule in the House of Representatives becomes law. RF signals present throughout our homes will no longer be public domain if HR 3378 ultimately becomes law. After weeks of negotiation, the House Judiciary Subcommittee on Courts, Civil Liberties and the Administration of Justice reached a compromise agreement with the Department of Justice setting the stage for subcommittee approval. The legislation, the Electronic Communications Privacy Act brings the Wiretap Act of 1968 up-to-date by including such communications services as cellular radio, computer data transfer, electronic mail and satellite communications not in use when the act was first passed. The final draft of HR 3378 was unanimously approved. The bill is far reaching and will effect nearly every American in one way or other. While legislators, the media, and the various electronic industries are widely portraying the bill as protecting cellular privacy, it doesn't at all. Cellular phones, of course, are the space age version of the old car radio telephone. The bill particularly affects, hobby, industrial and government radio users and listeners in that it details what CAN and what CANNOT be monitored. Supporters of the legislation include such industrial giants as IBM, AT&T, MCI, Motorola, GE, GTE, Bell Telephone and all three of the TV networks. If passed, this will preclude the use by amateur radio operators of their ability to receive RTTY news broadcasts on the low or high frequencies. it will prevent any of us from listening to any VHF or UHF frequencies carrying conversations not meant for the general public. A penalty of up to a year in jail and $10,000 fine would be imposed on those intercepting certain transmissions in the short wave bands, including ship-to-shore radio telephone conversations. Strangely, scanner owners are subject to the year in jail/$10,000 fine if they tune in the old 150/450 MHz car phone service, but only 6 months in jail and a $500 fine for listening to the cellular 900MHz phone calls. Radio services not protected by the bill include all Amateur Radio, CB and GMRS (General Mobile Radio Service) communications. Ham autopatch telephone calls therefore are not affected even though a participant expecting privacy might not be aware that the radio portion of the call is being widely transmitted.
HR 3378 is still very far from being a law. It must be approved by the Judiciary Committee and the full House..then reconciled with a similar bill pending before the Senate Copyright Committee. It must then get signed into law by the president. The reality of the matter is, however, that government control over radio wave reception in your home will indeed be eventually enacted in some form. This will be the first time that the public will not be permitted to listen to the signals on all radio bands. Specifically neglected in this rule is the use of dishes for the reception of Satellite transmissions for TV because this situation is at present before the House Telecommunications Committee. We got to do it, we must get off our "duffs" and not say "let someone else do it", we have to let our congressmen and senators know how we feel about this infringement on the rights of the public. It will definitely restrict our use of all band receivers and curtail many of the features of our hobby.

(My thanks to the W5YI Report for the information on this very serious subject.)
<W3PYF>

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FCC RULES <W3PYF>

Many of the times we read of the new regulations that the FCC are preparing and it may be of interest to you as to what the different terms that they use mean.

PETITION: Suggests changes to FCC rules and Regulations, usually from the public. The FCC sends out a weekly Public Notice listing all meritorious petitions received and a 30 day public comment period authorized.

PETITION for RECONSIDERATION: Provides additional information and asks the FCC to review its decision. Must be filed within 30 days of the decision.

RULEMAKING NUMBER: A Sequential number assigned to a public petition after the appropriate department has reviewed the petition and found that it has merit.

NOTICE OF INQUIRY: is issued (with a public comment period) when the FCC is seeking information on a broad subject or trying to generate ideas on a subject.

NOTICE OF PROPOSED RULEMAKING: proposes a specific change to FCC rules for the public to comment on. Major rule changes are always presented to the public in the form of an NOI or NPRM. Both are eventually followed up with a Memorandum Opinion & Order or a Report and Order. If the FCC does not receive sufficient comments, a further NOI or NPRM may be issued.

DOCKET NUMBERS: consist of the year that the proceeding began and then a sequential number. PR Docket 86-1 would be the first Private Radio proceeding of 1986. Docket numbers are assigned if the FCC previously issued a NPRM or an NOI.

MEMORANDUM OPINION & ORDER: denies a petition for rulemaking, concludes an inquiry, modifies a decision or denies a Petition for Reconsideration.

REPORT and ORDER: is issued by the Commission stating the new or amended Rules, or stating that the Rules will not be changed. The proceeding may be terminated in whole or in part. A Report and Order can be adopted without public comment only in case of minor editorial Rule changes.
From W5YI reports.

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DE K3NZ

BRUNEI - V85IR on 14,176, V85AA on 14,185 and V85WS on 14,195 KHz from 1300 UTC. QSL via CBA or Buro.

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BURMA (KAREN STATE) - 1Z9A in the W7PHO Family Hour on 14,227 KHz from about 1430 UTC. (This counts for Zone 26 but not for DXCC). QSL Ledo via W7PHO.

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CHAGOS - VQ9ZZ is often in the INDEXA Net on 14,236 KHz from 0230 UTC. QSL: Buro.

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FAROE IS. - OY2A and OY2J alternate near 14,170 KHz daily from about 0230 UTC. QSL to their respective CBAs.

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FRANZ JOSEF LAND - EK1P comes up on 14,175-180 KHz at about 1330 UTC and, if the pileup gets bad, usually QSYs to cw near 14,030 KHz. QSL to UP2BBM via the Buro. ... UV1OO on 14,185 KHz from 2230 UTC. QSL to UA9LBR via Box 88, Moscow.

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FRENCH ANTARCTICA - FT8YA on 14,021 KHz from 0030 UTC. QSL via F6DZU.

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FRENCH POLYNESIA - FOØSSJ is regularly on 7245-49 KHz from 0800 to 1100 UTC. QSL Jim via K8JRK.

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INDONESIA - YB8QD on 14,227 KHz at 1430 UTC. ... Here's one for the Book of Records: A QSO with YCØEFC on 21,251 KHz at 1505 UTC, brought a request to work a few others who were listening. The following were then worked in rapid succession; most with S9 exchanges: YCØs EMJ, BAR, GI, BOK, DLG, TNX, EDG, FDW, YC3RJ, YC7WH, YB3KV, YC7OFS and YC4GAP. How about that! QSL all via ORARI Nat'l QSL Bureau.

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JORDAN - JY5DE is often on 14,243 KHz from 0030 UTC. QSL to his '86 CBA.

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KIRGHIZ - UM8MCF on 7002-7035 KHz from 0001 UTC. QSL via Box 88, Moscow.

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KUWAIT - 9K2KL on 14,223 KHz at 0001 UTC, was also heard on 14,185/215/255 KHz as late as 0330 UTC. QSL to his CBA.

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MAURITIUS I. - 3B8CF is within a KHz or two of 7007 KHz daily from about 0215 UTC. QSL to his CBA.

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OMAN - A4XYQ is near 14,224 KHz from 0100 UTC. QSL Jim via the A4 Buro.

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PAKISTAN - AP2MQ keeps 14,195 KHz alive from 0130 UTC. QSL via JA3CMD.

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QATAR - A71BK always has a big signal on 14,236 KHz from 2300 and then near 14,204 KHz from 0200 UTC. QSL via N5GAP. (A71AU is often with him).

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RHODES - SVØCJ lives on 14,027 KHz from 2000 UTC. QSL to P.O. Box 349, Rhodes.

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SO. COOK IS. - 10 - 16 June. N5RM/ZK1, mostly cw on 10-80. QSL to his home CBA.

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TAHITI - 10 June - 10 July. FOØSJ by N5DD with cw and ssb on all bands. QSL to his CBA. ... 17 - 28 June. N5RM will pick up his FOØ callsign on arrival. Although he has a mike with him, it will be mostly cw on 10-80. QSL to his home CBA.

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UZBEK - UI8ZAG is near 14,200 KHz daily from 0230 UTC. QSL to Box 88, Moscow.

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WHITE RUSSIA - RC2AQ, Boris, on 14,227 KHz from 1900 and UC1WWR, Victor, near 14,225 KHz from 2215 UTC. QSL both via Box 88, Moscow.

Get [it] Down, Tonight !!

WE NEED YOU! All of the readers of the DLARC newsletter have good ideas; you have operating tips, unanswered question, valuable computer tricks, and current events that should be in the newsletter. Most of these ideas never hit the sheets because "we" don't know where to start. The newsletter has national recognition for excellence - get your contribution printed. Do it because readers will benefit from more timely information, writers will benefit because their point gets across, and the club will gain from the increase in information content with a reduction of mailing costs (more information in less words). Here is a technique (not a formula) to get it together.

THE PROCESS - Writing is rewarding! Writing is work. Writing is a piece of you. Take the time to put your thoughts on paper. Here is the writing process:

WORRY 15% This means - think about what you want to say.

PLAN 10% Make an outline.

WRITE 25% Put it on paper - just ramble - really! Get the words on paper, fix them later.

REVISE 45% Take what you wrote and say it the way you want it to read.

PROOF 5% Check your spelling and correct the form and format.

EFFECTIVE WRITING has a logical 'Top-Down' structure for all levels of the article.

- o Most Important First
- o Next, next, ...
- o Least Important Last

Do this for each:

- o Article
- o Paragraph
- o Sentence.

The last part of the article should summarize what you just said. HIT IT HARD by getting your point across, its objectives and conclusions - put the 'meat' right up front - the first paragraph.

- o Detail your background and reference material (adds credibility)
- o Hit the technical points clearly
- o Make your conclusions firmly
- o Ask for action from your reader (where required).

DO IT TODAY! You have valuable input to our organization. Get It Down - Today. Write! Write for me, write for Ben; but write! - Get it down. Our club gets the benefit of your experience and needs your input - you have valuable contributions for all the members - get them going - you will help the newsletter readers with better content, gain recognition, and get your point across.

73's Joel A. B. Elston, K9TBD

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HAMFEST CALENDAR
by BLAIR K3YD

Firecracker Hamfest Sat. July 5th at Meadville Recreation Center, Rt. 27E Meadville, Crawford County, PA
Talk in: 145.13 Admission:$2.00
NOTE: Indoor Display Area-FREE
Swimming pools on site.

Wilkes Barre PA Hamfest - Computerfest Sunday July 6th 8AM at Coal Street Sports Complex-off East End Blvd. Between Exit 45 + 47W of I-81
Talk in: 146.61, 146.52, 53.61
Special Events: VEC Exams, Demonstrations, Vendors, Inside display area, Power available, FREE parking.
Admission: $3.00 WELL WORTH ATTENDING
DIRECTIONS: From LV take NE Turnpike North then North on Rt. 115 to Wilkes Barre. 115 N joins 315S follow the dual-route till they split. Then take 315 to Coal St.

Mt. Beacon Hamfest Saturday July 12th 8 AM. Arlington H.S. Poughkeepsie, NY North of I-84; West of Talonic Pkwy.
Talk in: 146.97, 146.52
Special events: Door prizes, FREE parking.
Admission: $3.00 / Tailgate $4.00 / Table $5.00

Penn Wireless Tradefest//Bucks Co. Hamfest Sun. July 13th 8AM
Bucks County Community College, SWamp Rd. Newtown, PA (1 mi. North of Newtown)
Talk in: 146.715 or 146.52
Special events: VE Exams, Sale tables with power, Door prize is Kenwood TW-4000A
Admission: $5.00

Hamfest USA Friday NIGHT July 18 at Moorestown High School. Corner of Bridgeboro and Stanwick Roads in Moorestown NJ. Doors open at 6PM to 11PM Admission: $2.00
Special events: VEC testing, some forums.
Talk in: 145.29 or 146.52

Sussex Hamfest Sat. July 19th at 8AM
Sussex County Fairgrounds, Augusta, NJ
Talk in: 147.30 or 146.52
Special events: Indoor and outdoor display area. lots of parking.
Admission: ???
This one isn't too far away. I can work 147.30 from Easton mobile. de K3YD

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Solution to Brain Teaser

First, weigh ABCD against DEFG. Second, weigh IJKG against EFGD. From these two weighings you can determine which balls to place on each pan of the scales for the final answer.

Submit your favorite brain teaser to the DLARC editor.

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All Amateur Radio Operators are invited to participate in the 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 145.110 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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1986
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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-questions-or articles contributed to this newsletter should be addressed to:
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THE DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

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GREYSTONE BUILDING
NAZARETH, PA
18064





Sandy Bersch KA3LBP
39 Seyfried Avenue
Nazareth, PA 18064

MEETING NIGHT
THIS THURSDAY
7:30 PM