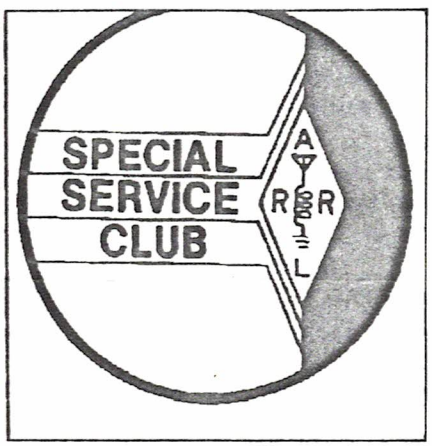
Feb 1989

T E DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC.

NEWS

RD #4
GREYSTONE BUILDING
NAZARETH, PA
18064

DELAWARE LEHIGH AMATEUR RADIO CLUB HONORED BY ARRL



According to Kay Cragie, KC3LM, SM for Eastern Pennsylvania, the award of Special Service club has been given to our club.

See story inside this newsletter.

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DUES ARE DUE!

Dues for this year are due now! If you have not paid your dues, on February 10th, all autodial numbers will be dumped to those who have NOT paid their dues, they will have new numbers assigned after dues payment.

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TV CABLE COMPANY FINED $2000

The FCC Philadelphia office has ordered the Raystay Company, trading as the TV Cable of Carlisle (PA) to forfeit $2000 for repeated violations of the FCC signal leakage standard.

The FCC's rules prohibit cable television systems, from exceeding a maximum signal leakages of 20 microvolts per meter measured at a distance of ten feet from its cable. Compliance with this rule is required to ensure that cable television systems do not interfere with over-the-air users in the same area.

The FCC has denied a request from the company to review the $2000. forfeiture.

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MARCONI WAS NOT JUST A FRESH KID

Bob, KW3W will be the speaker at the meeting to be held at our meeting room at EMA headquarters on February 2nd.

Presenting a video tape of a program which originally ran on the Discovery Channel, edited by Bob, it will be a very interesting show on the father of amateur radio.

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DRAWING AT THIS MEETING

Our annual fund drive will come to an end at this meeting. Be sure to have all your money in to W3CJI, before the meeting. The prizes are great, and we hope that we will be able to continue to have the best repeater, and the best activity in the area by any radio club.

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Hamtronics (Trevose) came through... Thanks to Chuck, who demonstrated the ICOM 781 at our club meeting recently, we will not have to pay for two of the prizes for those who sell the most tickets. Trevose donated both a new ARRL Hand- book and a 1989 Call-Book to be used for prizes..The $40.00 QSL order has been donated by Don Newhard of W3CJI's old QSL company.

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OLYMPIC AMATEUR STYLE TRANSMITTER HUNNG
by Amy KA3IJL

Riddle for the month - who is faster than the neighborhood doberman, able to leap storm drains in a single bound and strong enough to hold a six-pound antenna array overhead for up to two minutes at a time? Answer - your local transmitter hunter.

T-hunting, as it's affectionately known, is the triathalon of amateur radio. It's a great way to enjoy amateur radio without being stuck in your shack on a warm, sunny (or cold and windy) day! If you have a radio with a signal strength meter, all you really need for your first T-hunt is a directional-type antenna. Any type of directional antenna that can be used on a mobile or portable basis. Some helpful accessories also would be a local map--the more detailed, the better, a ruler and pencil, compass and, if you have one, a field strength meter.. Don't forget extra batteries if you're using an H-T.

On or near the day of the hunt, the group will select the starting point, the frequency for the hidden transmitter, the start time and other rules or boundaries that may be necessary. The main rule is the first one to find the hidden transmitter wins!

When the hunt begins each team or hunter uses their directional antennas to try to find the way to the bunny, or fox. By comparing signal strength readings, directional readings from several locations and a little luck, you should be able to drive or walk right up to the hidden transmitter, hopefully 'hidden' in a place where you can eat while you're waiting for the rest of the gang to show up!

While it's a lot of fun and excitement, T-hunting has practical uses as well. Many search and rescue teams have saved lives because it's a lot faster to follow a radio signal to a lost or injured person than randomly walking through the area. Also, your friendly repeater 'turkey' can be identified by these techniques, enabling the FCC to act to put this pest out of everyone's hair.

For anyone who's looking for a different way to enjoy radio, Join right in! The more hunters, the more fun for the whole gang.

de Amy KA3IJL

FROM THE OLD MAN
by Clarence, W3PYf

To listen to 70, it sure seems as though Santa Claus has done a super job in finding things for the members of our club. With, Dave, N3GRH and K6QDT, Don getting new 2 meter rigs and Norm, K3NZ upgrading from a 930 to Kenwood 940, KA3MNY with a new 450 portable and many more, even your editor has a new computer, a NEC with all the color goodies. Brownie W3CJI sure is working hard on the tickets for the raffle and if we don't make it on this one, we never will. This should keep our club solvent for this year at least. It has been great to hear the cooperation on 70 lately. When ever anyone gets on there in the busy traffic times, they are moving to another repeater, great!

My thanks to Harry, W3TEB for the great picture he created of me at the Christmas party. It was a "wanted dead or alive" type of thing, and rumor has it that he did the same thing to W3VQ.

I received the following from WA3BOM and I think it is very appropriate for most of us.

INSTRUCTIONS FOR THE ASSEMBLY
OR JUST ABOUT ANYTHING

Grasp the gizmo in your left hand! With your right hand, insert the doohickey into the litle whosie just below the bright red thingamajig and gently--gently! turn it in a clockwise direction until you hear a click. Attach the long thingamabob to the whatchamacallit, Do not under any circumstances allow the metal whatsit on the end to come in contact whith black plastic thingummy.

Sounds like the assembly manual for a new Heathkit...

During the month of December, there were 18 calls to *1 at Northampton County Control for emergency calls. Winner this month was Chris, KA3SIT with two calls..Must be great as a dispatcher, to have someone else go out on a call...73 Clarence W3PYF.

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REMEMBER, SELL TICKETS, AND TURN IN YOUR MONEY .....

WELCOME TO ARRL SSC
by Kay, Craigie, KC3LM

Affiliated Club Coordinator Brian Beitler KC3QB and I welcome DLARC to the ARRL Special Service Club roster! That list has doubled in the last three years, and we're happy that your club is part of the growth.

Special Service Clubs are high achievement clubs which have accepted a tough challenge: to make their excellence even better. A yearly self-evaluation review helps the SSC identify how they've grown and see how they might do better.

The SSC's program must include activities in new ham development and training, public relations, emergency communications, technical advancement, operating activities, and ARRL membership recruitment. Cooperation with the RL Field Organization is encouraged.

The SSC is a multi-interest club not necessarily a large one. League-Affiliated Clubs which have only one purpose (contesting, DXing, or VHF/UHF, for example) may not qualify as Special Service Clubs despite world-class achievement in their specialties.

Benefits of SSC status include a free subscription to the ARRL LETTER, periodic lists of new licensees, new ARRL members, and prospective hams in your area, use of the SSC logo, free listing of club meeting info in the ARRL REPEATER DIRECTORY, some helpful booklets, and the right to appoint Awards Managers for certain ARRL operating awards. Many clubs also say SSC status is a benefit because it helps them hold their own feet to the fire, so to speak. It reminds them not to grow soft and smug because of past accomplishments; laurels get pretty flat when all you do is rest on them!

It's not easy to make a great club better, but each of our SSC's in its own way does it every year. Enjoy the challenge! 73 de Kay Craigie, KC3LM ARRL Section Manager, Eastern PA

Editors Note, Thanks to Kay for writing the above story, it was transmitted completely by packet radio directly to my PBBS, via KB3UD.

*** OOPS ***

The following were two mistakes that were made in the last issue of the D.L.A.R.C. News letter and also the corrections. The first mistake was as follows: if you cut multiples of 1/4 wave length, you can run the coax direct to the radio, or S.W.R. Meter. It should read : if you cut odd multiples of 1/4 wave length, you can run the coax direct to the radio, or S.W.R. Meter.

The second mistake was: if the antenna is 1:1 S.W.R. then it will show 1:21 S.W.R. at the radio. It should read as follows: If the antenna is 1:1 S.W.R. then it will show 1:1 S.W.R. at the radio. Very sorry for these mistakes.

de KU3X

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FOR SALE

Yaesu FT 208R 2 meter hand held. Deluxe charger/power supply..Manual & Speaker mike. Call John, K3GQJ evenings at 767-4778.

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KLONDIKE THIS SATURDAY

The Boy Scout Klondike Derby will be held on Saturday, February 4th. Skip, K3ZTJ and Bill, KA3RBH are looking for all the help they can get at Camp Trexler for this important Scout activity. It is a one day event and will run from 8 AM to about 3 PM. If you can help contact Skip at 865-9947 or Bill at 691-3682.

Remember we are a Special Service Club and your help in the above program will be appreciated by all. <W3PYF>

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IF THERE IS A RED MARK ON YOUR MAIL LABEL, YOUR DUES ARE DUE. GET IT TO TREASURER ROY BUSS FAST!!!!!!!!.

TVI Problems
By Van K3CP

Ima Lidd was having some bad TVI (Television Interference) problems. Is there any good TVI? He decided to refer to the book. The first thing the book said was that he should not try to hide from it. It is much better for him to recognize it, admit that it's there and that he is probably responsible for it. He should not try to down play the degree of it either. 'Just a little' is too much. Ima should not make the mistake of assuming that because no one is complaining that he is free of TVI. Every time he was on 20 meters his next door neighbor was having interference on his TV set. Mr. Lidd is ignorant but not stupid and he is not ashamed of being ignorant. He knew that everybody was ignorant about one thing or another. So he decided to mount a serious effort to eliminate the problem. Still referring to the book, he moved the spare TV set into the ham shack where he could see it from his operating position. He was going to see for himself if there was any interference.

Following the steps outlined in the book, Ima tuned up his exciter (transceiver) on 20 meters. His exciter was a fairly new model. It was all solid state devices except the driver and finals which were tubes. He then turned the Television set to channels 2, 3, 4, 5 & 6 while keying his transmitter. To his dismay he noted severe interference on all channels. Recalling what he had read in the book he concluded that the problem was fundamental overload and that fundamental overload was the only type of interference that had to be corrected at the television set itself. This meant that his signal was too strong for the rejection capabilities of the TV set and no matter how free of harmonics his signal was, interference would be present. He had to reduce the 'near field' signal strength of his signal in the vicinity of the TV set. He had to determine how his signal was getting into the TV. The book advised him to disconnect the lead in wire to the TV. When Mr. Lidd did this he noticed a marked drop in interference, but of course there was no picture either - now if he could only get his neighbor to do the same thing. He thought a bit of the significance of this test. Most, but not all, of the interference was coming to the TV via the set's own lead in wire. So, how was the rest getting in? Two other possibilities existed. One was through the A C power line and the second was via the air. The latter is caused by poor shielding at the TV set and he must either move the set out of the strong radiation field or contact the manufacturer for a cure. Ima then added a hi pass filter in the TV lead in wire and re connected it. The results of this action was a reduction in the TVI on channels 3 and 5, but still rather severe interference on 2, 4 & 6. He then added an AC line filter at the TV set. This eliminated the problem on channels 3 & 5, but there was still some on 2, 4 & 6.

Mr. Lidd correctly concluded from this that the hi pass filter removed the 20 meter fundamental from the TV lead in but that it took the line filter to remove it from the AC line as well. Both filters were doing their job. If he had used only one he possibly would have thought that the filters were ineffective. Filters will only do what they are supposed to do.

Ima went to see his Elmer and he told him what had transpired. Elmer said he had done well. He added that he was glad to see him taking an orderly approach to the problem and not running around trying procedures without any regard for fundamentals.

(To be continued.)

Editors Note, The above is the first of a series by Bill Van Horn on TVI...Read it carefuily...de W3PYF, editor.

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Correction

There was an error in the article "What's a Ground" regarding the grounding of the AC neutral. It should have read - All houses should have the neutral wire connected to a ground. This is not only good practice, it is the law. Thanks to Jim, KA3AHO. de K3CP, Van.

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W3TDF reports that on the Transmitter hunt held on Saturday January 8th, something strange happened..Vern N5IEP got there to the fox first. Ray reports that he was still out ther looking from the hunt last month..Any truth in that???....de W3PYF

I GO ON AND ON, Don't I?
by Dewi, N3FNW

"Well, here I am on the fourteenth floor of the Holiday Inn in Arlington, Virginia. How is my signal, do you have a readable copy? Did you say I'm Q-5? Great! I'm using a specially designed laser for an antenna and running 150 watts through my HT."

" Oh!, you say my beam just took the top off the 70 repeater? Sorry, I guess I'll have to make sure that I keep it about a half a degree off direction on the future. Let me know when you get it fixed so I can try it again."

(To all you sparrows who keep your head under your wings at midnight and don't fly with the Owls, ask one of us at the meeting in February to explain this, it may be worth attending, just for that.)

Here it is, still 1988 while I am writing this, and I just received my greetings from the Internal Revenue Service. I wish they were as prompt with the refund checks. Maybe the Chinese calendar is right, 1989 is the year of the snake.

Did you notice the new car styles? There is a lady down the street from me who is so short that she needs a helper seat at the beauty shop, I mean she is small. She bought a Lincoln town car and when she is driving it, you can't see her at all. I think she uses a periscope. On the other had, a guy who lives down the street in the other direction, I'm on top of the hill so all of my neighbors are ("down the street") well he got a Camarro, he is six feet, eight tall and the only way he can get into his car is to put his head through the sun roof. For the winter I guess he had a vista dome installed. I bought a ne Grand Prix a couple months ago and when Ida saw it she hooted (sorry owls). She said "you bought young, you should be buying middle age!" I feel younger driving it and until they get a closer look, the pretty young things are attracted to me. Maybe I should get a face lift and a hair piece and really fool them. My grandson, noticed what takes place and has been bugging me to lend the car to him. He said "you're wasting this car on your age, and besides, you are married."

How many of us bring the car home and install the radio gear before anything else, I mean even before filling it with gas?

EDITORS NOTE, my wife Sylvia thinks that all new cars come with ham radios built in, <w3pyf>

Now W3TDF's XYL, bought him a new pick-up, sans hammer and I understand that he wanted his antenna right in the middle of the cab roof. He used a cold chisel to make the hole and Gloria hasn't spoken to him since. He even goes to bed early almost every night and often misses the Owls' net just to try to make peace at home. W3WeeeQue is always upset by his absence since his one of the nice guys, and often referred to as Mr. Warmth.

de Dewi, N3FNW

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PEAK HOURS
by Joel, K9TBD

Peak Hours Note: With the growing number of members of the DLARC, the 146.70 repeater becomes very busy on peak hours such as to/-from work. If you wish to carry on a conversation with your buddy when the repeater is busy - make your contact and select another repeater for longer conversations. We have a number of nice repeaters here in the valley - all are welcome to use: They include: 145.11 (W3PYF), 145.39 (KU3K),146.775 (K3LPR) - all these sponsors are members of DLARC and would welcome their repeater use for such purposes. Help keep busy times free on 146.70 for emergency situations where someone may need to call Northampton to report an accident, or make a quick call to their home.

Thanks, de Joel, K9TBD

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BE SURE TO DO YOUR RENEWALS TO THE ARRL THROUGH OUR CLUB, IT HELPS OUR TREASURY, WITHOUT HURTING YOU.!

MAKE SURE THAT YOU SELL ALL YOU TICKETS FOR THE ANNUAL RAFFLE..REMEMBER, THIS WEEKS MEETING IS THE TIME FOR THE DRAWING..

A FEW MINUTES WITH NQ3D
by Mike, NQ3D

The monthly meeting of the DLARC was called to order by President, W3PYF on January 6, 1989. There were 76 members and guests present. The minutes of the December meeting were read by Secretary NQ3D and approved. Treasurer, KA3MNY reported a balance of 575.01.

Five new members were welcomed they are:

KA3TXX	Richard Kline
KA3THJ	Calvin O'Brian
KA3TER	Robert Gifford, Jr.
KD3JP	Tim Reinhard
KD3GW	Chris Hornaman

W3CJI announced the raffle has brought in almost $1000.00 so far with 150 members still holding their tickets or money. Members were encouraged to sell tickets for this very important fund raiser. President W3PYF announced that the board of directors had decided to hold the dues to the same as before but "Newsletter only" subscriptions would go to $7.00 instead of $5.00 in 1989.

It was also announced that the new club roster will be included in the March Newsletter. This year, the roster will include the telephone numbers of all members. Members not wishing to have their number published should contact Clarence, W3PYF. K9TBD commented that this is standard practice in many clubs.

W3TDF announced that a January Newsletter article by N3FNW contained a "typo" that may have led to a misunderstanding by some members. The article was aimed at a previous club that N3FNW belonged to and meant no offense to the DLARC membership.

The ARRL has bestowed the Special Service Club award upon our club and all of our membership should be proud of it!

K9TBD presented a description of a bazooka antenna for 2 meters which can be modified for other bands. W3TDF demonstrated several antennas that can be used for Transmitter hunting.

KA3RBH asked for volunteers for communications assistance for the February 4th Boy Scout Klondike Derby to be held at Camp Trexler in the Poconos.

The program consisted of an interesting talk about the manufacture of the first transistors my a member who was directly involved, K3CP..de NQ3D.

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THE PREZ SEZ
by Clarence W3PYF

Thanks to our members, we have a lot to be proud of this month. With the receipt of the Special Service Club award, we join a very elite group of clubs active in Amateur Radio throughout the country. In addition our 3rd place among the entries in the PA QSO party, shows what can be done as long as Ray W3TDF sets his mind to something. Ray is asking that in next year's contest, we get at least 10 more members involved and we can come out in first place.

Bill, K3ANS has a great bunch of programs on the fire for the coming months.

We DID well, but we could have done better. The reports are in from the PA QSO PARTY.

W3TDF reports that DLARC came from 9th place last year to 3rd place this year, and that is not too bad, except that if we would have had one more active station with 36K in points we would have been 2nd and if we had 5 more with 50K we would have been first. For your information 8 of our entrants were over the 36k point and 6 well over the 50K mark. It is not impossible. Leaders in our club for Northampton County were K3ANS, N3BIB, N3EOF and NQ3D all over the 36K point mark. For Lehigh County first place went to member K3CP, followed by K3GQJ, KU3K and W3XM..First place in Bradford County went to W3TDF. Wally, W3YXS was second in multi-county operation. In the multi-op catagory, N3IK in Elk County was number 1 as K3YD and KA3OEG were tops in Pike County. Lets go get them next year and make Delaware-Lehigh Amateur Radio club the number one club in the state.<W3PYF>

Digital Communications
by
Joel A. B. Elston, K9TBD

As more and more hams get into packet and other forms of digital communications similar questions are asked by many newcomers. This month the format of this column will be a Question and Answer style which hopefully will answer some of the common questions. There are many more questions than I can address this month so please drop me a note on a mailbox or a postcard and I will attempt to get answers for each one.

Q: "How can I implement proper handshake between my terminal or computer to the Packet box?" - K3EX

A: Handshake can be both hardware and/or software.It holds off the originator of information so the recipient does not overflow or miss characters. Most packet boxes support hardware handshake Clear-To-Send/Request-To-Send (CTS/RTS) lines in the interface - just make sure that your RS232 (or TTL) cable has those wires. Two other hardware lines are useful when turning your terminal off for the evening but wishing to leave your packet box on (which may be used for diging or BBS'ing). They are Data Set Ready and Data Terminal Ready (DSR/DTR) If the data terminal is not on (DTR not ready) the packet box will buffer incoming text until it is full; when you turn it back on it will spill to your screen. Software handshake is done with special characters (n o wires) sent back and forth between the terminal and the packet box; the characters are XON/XOFF. For long file transfers - the only way to assure not overrunning the receiver is to use hardware handshake. The PK232 supports all the hardware lines as well as the software handshake and they may be used together.

Q: "How can I implement remote printer control as you do?" - AE3T

A: I am using a 'dumb terminal' but it has a few special features. These features include an Auxiliary port that I have connected to my printer. If you send my terminal a special sequence of characters it turns the Aux port thus the printer on. Another sequence turns that port off. If you are using a terminal emulation program such as Kermit or Procomm, special files may be written called CMD or Script files that watch for special input and then can the appropriate commands to turn your printer on and off. It takes a little programming - but if you get the hang of it you can even set it up to save (or print) only those things that are addressed to you or others.

Q: "How do TNC's/Terminals/Terminal Emulators all relate to one another?" - WB3IHX

A: The TNC (Terminal Node Controller) is like a Modem (or in old radio days TU) which supports our Amateur protocol AX.25. It translates the tones to and from your radio, changes these analog signals to digital which the computer processes (according to AX.25) and sends to your terminal or computer. Originally dumb terminals like Teletype machines and later CRT displays were connected to the (TU or TNC) to print or display the messages. A Terminal Emulator is a program for a computer which pretends that it is one of these dumb terminals - but usually has added features such as redirecting the information to and from disk.

Q: "How do I set my transmit tone levels on packet?" - K3ANS

A: Your instruction manual usually has a procedure which may sound like this: With another radio (like your handy-talkie) with or without the antenna connected, listen to your transmit tones while toggling back and forth between mark and space while in calibrate mode. Crank up the level until no more volume is heard from the HT then crank it back until there is a noticeable reduction in level. This should be about right. The acid test is then to get on the air and connect to some known 'good' station and watch for repeats. Keep cranking the level down until there are no repeats.

Continued next month...de K9TBD



DE AJ3H

UD - Azerbaijan - UD6DKW likes 7.003 MHz from 0001 to 0300 UTC. QSL via W3HNK. UD6DHL or 7.006-7.010 MHz most evenings from 0030 UTC. QSL via Box 88, Moscow.

CU2 - Azores - CU2AK is on 28.030-045 MHz from 1900 UTC. QSL via W3HNK.

KH2 - Guam - KH2D is regularly on 28.002 MHz from about 2130 UTC. At 2300 UTC he moves to 28.435-450 MHz and offers skeds on other bands. QSL via KA3T.

9K2 - Kuwait - 9K2RA on 3.790-795 MHz nightly from about 0001 UTC by members of the Kuwait ARS. QSL to CBA with SASE and 2 IRCs.

TZ - Mali - TZ6MG on 3.795-799 MHz as early as 2100 UTC. QSL Dennis to: Box 2095, 8203 AB Lelystad, The Netherlands.

VK9 - Norfolk I. - Jim, VK9NS, on 28.506 MHz at 0100 UTC offering skeds on CW, SSB and RTTY on the bands you need him. QSL to CBA.

P29 - Papua New Guinea - P29RE on 21.255-260 MHz from 2300 UTC. QSL to CBA.

9X - Rwanda - 9X5AA on 14.160 MHz at 2230 UTC. QSL to W4FRU.

5H - Tanzania - 5H3RB is frequently on 21.345 MHz from about 2800 UTC. QSL via NM2R.

5V - Togo - 5V7TM likes 21.263 MHz most days. QSL via F6FNU.

SØ - Sahara Dem. Rep. - SØ1A on 28.480 MHz listening up 5-10 MHz. QSL via EA2JG.

9M - W. Malasia - 9M2CW is near 14.186 MHz daily from 2130 UTC. QSL via CBA.

SV - Crete - SVØCR has been reported on 7.001 MHz at 2200 UTC. QSL to his home call WA7QAR.

3D2 - Rotuma - By a unamimous vote (7-0), the ARRL Awards Committee has ACCEPTED the recommendation of the ARRL DX Advisory Committee to add Rotuma to the ARRL Countries List, by virtue of Point 2(e) of the Countries List criteria. Rotuma is an island located approximately 285 statute miles north-northwest of Fiji. DO NOT submit any cards for Rotuma to the DXCC desk until further notice.

HL9 - Korea on 160M - HL9EP is active now on 160 meters. Transmit frequency near 1.818 MHz; receive on 1.830 MHz. QSL via KØVZR

EP - Iran - According to the ARRL DXCC desk, contacts with stations now active from Iran are not acceptable for DXCC credit since amateur radio is not authorized in Iran.

RTTY - 20m RTTY (UTC) except as noted: 5B4FN (10m - 1400) ... 5U7XX (15m - 1800) ... 6W6JX (10m - 1900) ... CT3BY (2330) ... EL2MR (10m - 1330) ... J37ZY (1345) ... J73EH (1330) ... RL8PYL (0400 - QSL to POB 49, Temirtau, Kazakh 472300, USSR) ... VK9NS (10m - 2300) ... VU2MAF (0130) ... ZL1AMO (10m - 2300) ... ZS1RL (0500) ... A35SA (0800 - QSL via KB7QC) ... KØKJ/HP1 (0130) ... ISØAGP (15m - 1500) ... UD6DM (1300) ... UR2FU (15m - 1645) ... VK2KM (2145) ... YIØBIF (1545) ... 8P6RY (2045)

73 de AJ3H

YANKEE DOODLING

PA QSO PARTY

As I write this, the results of the 1988 PA Qso Party are the talk of the .70 repeater. We're all talking 'cause very few of us here in the Lehigh Valley have actually seen the results. Brownie, W3CJI, got his copy of the contest results on Jan. 7th; most of us are still waiting! The contest chairman, K3CM, indicated to me that all results were mailed out in early January via 3d class (bulk) mail. On the chance that our club results are coming down the Juniata River on the first barge after the spring thaw, Chuck is mailing an additional 20 sets of contest results to me. I'll have them available at the next club meeting. One note, County or Section or category winners do receive the results later than other participants--this 'cause their mailing includes a certificate. Thanks to Brownie we know that DLARC moved up from 9th to 3d in overall club rank. Bill, K3ANS, won Northampton County and was 4th highest single-op in the state, Bill, K3CP, won Lehigh County. Overall it looks like a big improvement for the club! When we see the final results, some of the club portable efforts may have earned top-county awards as well. A "well-done" to everyone who participated.

For those who weren't on the air at all, how about joining us next year? If you want to make a casual effort which makes a real difference, get on the air Sunday afternoon for a few hours. I'd recommend 40 meters--either phone or CW--from about 1200 to 1700 local, then 75/80 from 1700 to 1900 local. You can't imagine how nice it is to encounter a new station at that point in the contest!

A NEW 2-METER REPEATER

With the spectrum as full as it is, a new machine on "2" is a rare event. Check out 145.47 for **N3DZM/R** located near Long Pond in western Monroe County. This repeater has excellent coverage throughout the Lehigh Valley & western Poconos. It requires P/L but uses 5Z (151.1 Hz) which is also used on KU3K/R (145.39). The regulars on .47 are avid VHFers interested in several bands and modes in that part of the spectrum.

PUBLIC DIS-SERVICE!

Joe Ham exited the expressway onto a local 6-lane commercial highway. It was 11 A. M. on a Saturday, 2 weeks before Christmas, and traffic was heavy. In his rear-view mirror he saw the little Honda cross the medial strip and smash into the side of a car in the oncoming traffic lane. Joe was in the left-hand traffic lane and couldn't pull to the berm or stop, but he could at least call the Highway patrol with his 2-meter radio. After all, one traffic lane was blocked, and from the speed of the accident, a tow-truck and ambulance were probably needed! 'Let's see, local repeaters are on .73, .955, and .225. Two have auto-patch listed, but I don't know the access codes or Police Emergency Number. Let's try a general call.'

ON .73: "This is N3HAM at Route 243 and Route 202, near I-95. There is a 2-vehicle accident with traffic blocked and possible injuries. Can someone call the Highway Patrol? OVER. **DEAD SILENCE.** Two more call were made; no response.

"Oh, well, let's try .955" Again, 3 calls. Again, **DEAD SILENCE.**

"Ok, let's try .255" Three more calls, again, **DEAD SILENCE.**

Joe was steaming by now. Nine calls for help on three "active" repeaters in a metro area and not a whisper of acknowledgement! He drove along looking for a pay phone to call the police. Then, he noticed a police car parked at a Donut shop, and two policemen were getting into the car. He swung off the road, exchanged a few quick words with the patrolmen and they were on their way back to the accident!

Public service, YES. By Amateur Radio? Unfortunately, NO.

Situations like this are the reason that the .70 repeater has an announcement about "*1" for emergency, and why we should try to keep an ear on the repeater. Know a little bit about the Lehigh Valley area and the phone numbers to call in an emergency.

Oh, the incident I just described. Fiction, right? WRONG! I was Joe Ham, and don't expect any help from the locals on 2 M. FM in the largest city in Delaware; they aren't listening!

LAST CALL!

Not for a beer, but to sell project tickets. The drawing will be held at the February 2d meeting. Sell 'em, or buy some yourself, and get the stubs & $ to Brownie, W3CJI, or to Roy, KA3MNY, the Club Treasurer. DLARC needs your support to keep your club running for the next year. The main drawing prize is a VCR; this makes tickets easy to sell. Remember, prizes for 4 top ticket sellers, too!

73 de K3YD

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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1989

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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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