Delaware - Lehigh Amateur Radio Club, Inc.

W3OK Corral NEWSLETTER

DECEMBER 2002

Meeting December 5th at IU20

Christmas City WX3MAS

Special Event Station

14 and 15 December 2002

by Bob, KB3CSS

This is our club's annual event, and represents our Christmas card to the world. It has been run since 1968 and continues to offer members and guests the opportunity to make Radio contacts with other Amateur Radio Operators throughout the world. While it is not regarded as a contest, there is a certain amount of pride in making as many contacts as possible. As verification of the contact, a Log is maintained and QSL certificates are provided to those callers who request them.



The event will be held at the Gracedale Complex, Nazareth, PA, in two areas: (1) Greystone Bldg, Room 215, (2) Milkhouse Club Station. Refreshments will be available in room 215. Check the DLARC website for further details.

In keeping with past tradition, to accomodate as many persons as possible, we ask that you limit your operating time to the 2 hour sessions you sign up for.

In addition to the SET UP CREW, TAKE DOWN CREW and the OPERATORS we are looking for volunteers to provide refreshments.

de Bob, KB3CSS

December Meeting program

The December 5th meeting program will be a social event for the club members and guests. Cookies, cake, and coffee will be served during the event.



So please come out to the meeting and join us for this club party.

The business meeting will start at 7:30pm followed by the cookies and coffee. The club will provide the coffee but we need members to bring the cookies and other stuff to be eaten.

PAQSO Party report

by Ray, W3TDF

The final DLARC Aggregate for the PA QSO Party is about 1.21 Million points. This from 30 members, more or less. I was not given several scores, so that's the reason for the approximation. Following is a list of known participants, in no particular order. **KZ2A, W3HJ, K2YIY, WD5BRP, K3OOO, W4YID, KE3AW, KB3TS, N3EBH, WA3HVR, WX3C, N0KIA, W3FVT, W3FYK, K3OO, W3OK/KA3MOU, WA2TWS, N3NNI, N3QQ, N3SQD, N3EYT, K3NZ, K3CP, KA3ONZ, N3QZR, KR3U, N3ULW, KA3JWE and W3TDF.** In the club standings we have been second only to Murgas the last couple years. I predict that's where we will be this year also. Again thanks to all who attended the party.

de Ray,W3TDF

Delaware-Lehigh Amateur Radio Club Inc.

Income & Loss Statement

Balance 9/30/02		**$5,500.82**
INCOME		
Class Materials	$117.00	
Club Dues	129.00	
Donation from Emmaus	200.00	
Interest Checking	7.43	
TOTAL INCOME		**$453.43**
EXPENSES		
Education Class Books	$277.46	
Equipment IF-10BR		
Gilbert Kauffman	95.00	
Newsletters November	53.60	
Postage	70.00	
Supplies Toner Cartridge	57.54	
Telephone	20.48	
TOTAL EXPENSES		**$574.08**
Balance 10/31/02		**$5,380.17**

de, Dick, KA3MOU, Treasurer

Note from ARRL

Attention all ARRL-affiliated clubs! ARRL Field and Educational Services reminds ARRL-affiliated clubs that they are eligible to sign up for ARRL E-Mail Forwarding Service **(@arrl.net)** vanity e-mail addresses. To apply, send an e-mail request <clubregistration@arrl.org>, and F&ES will do the rest. You should receive a test message once the process has been completed. F&ES also points out that to remain actively affiliated, ARRL-affiliated clubs need to file a report with ARRL Headquarters each year. A good way to remember to submit your club's report is to use your election time as a reminder "flag." ARRL HQ also needs to know any time a change occurs within a club's records.

To update your club's records, complete the Affiliated Club Annual Report Form, available on the ARRL Web site **<http://www.arrl.org/FandES/field/club/forms/fsd2/>**

Reminder notices go out to overdue clubs in January and July. For more information, contact ARRL Club and Educational Correspondent Margie BourgoinKB1DCO **mbourgoin@arrl.org;** 860-594-0267; fax, 860-594-0259.

The ARRL Letter

Dues are due

from Dick, KA3MOU

It's that time of the year - dues are due. Below is the information on how much the dues for you and your family members will be for 2003.

If your **DUES** are not paid by **FEBRUARY 7, 2003** membership will be terminated.

Reinstatement to membership by the MARCH meeting will be accepted without penalty. Thereafter, reinstatement application shall be the same as for a new member.

Dues Reminder for 2003

Dues are due. Check your mailing label. If the label has **EXP. 12/31/02** your dues are **PAST DUE.**

Dues are as follows:

Membership 18-65 years of age
- Jan. - Dec. $17.00
- July - Dec. $8.50

Under 17 years, 65 or over or Retired (no age limit).
- Jan. - Dec. $12.00
- July - Dec. $6.00

Additional family member, each $3.00

Associate Membership $10.00

If paying your dues at a meeting, use an envelope with your call on the outside of the envelope. If paying dues by check, make the check out to **DLARC.**

If you mail your dues, mail the dues to:
RICHARD A DECH / KA3MOU
120 MCILHANEY AVENUE
BATH PA 18014-1612

If you have any questions about dues, you can call **Dick / KA3MOU** at **610-837-1585.**

Carl P. Ettl, KA3TEQ

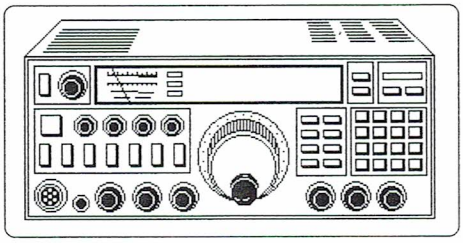
A past member of DLARC Carl of Allentown, Nov. 8, 2002, in Allentown; husband of the late Marcia (VanVliet) Ettl died on November 8 as shown above.. Liked by all he will be missed

Transciever Survey

by John Geiger, NE0P

supplied by Blair,K3YD

Lets say that you have just hit the equivalent of ham radio utopia. You just received a bonus at work, and your spouse told you to spend all of the bonus on a radio for yourself (better keep that spouse!). Now you have to figure out how to spend all of that money, and this column will hopefully help you determine some things to look for in purchasing a rig to use for contesting.



Receiver quality The three most important things in a rig are the receiver, the receiver, and the receiver. Remember, if you cannot hear the other station, you cannot work them. The ARRL in their product reviews tests several different measures of receivers. Here are a few of the most important:

MDS-Minimum discernable signal. This is how sensitive the receiver is. Almost all modern receivers pass the test here, and this measure is not real important for contesting. Look for values around –135 or better.

Blocking dynamic range. This is how strong of a signal the receiver can handle before it starts to "desense", meaning the receiver overloads and you cannot hear weak signals. This is very important if you are doing multi-transmitter operating, or if you have a lot of local contesters in your area. A good figure is a BDR of 130 DB or better. You at least want a BMD of 120. Anything below that will cause problems in contesting. The rigs with best BDR are the Icom 765, Kenwood TS850, Yaesu FT1000D.

3rdIMD-Third order Intermodulation range. This is how loud of a signal the receiver can handle before it starts to generate false signals, static, garbage, and other things that greatly interfere with your hearing ability. You want to have a rig with a 3rdIMD in the mid 90s or better. Rigs with 3rdIMD over 100 include the Icom 756, Icom 761, Icom 775DSP, Icom 781, Kenwood TS850, Kenwood TS950SD, Kenwood TS950SDX, Ten Tec Paragon, Ten Tec Omni VI, Elecraft K2.

You can check your own radios specs at the members only website at HYPERLINK **"http://www.arrl.org" www.arrl.org,** just click on product reviews, and find the right model.

Filtering Good filtering in a rig can make all of the difference. You want a radio where you can install both a CW filter and a SSB filter. If you can install filters at more than one IF, that is all the better, and do it. Common SSB filter widths for contesting are 1.8 KHZ. This will help some, but don't expect to see a drastic improvement. You cannot filter out too much of the QRM without making the speech unintelligible. At CW, 250 HZ filters work well, but might be a little narrow for everyday operating. Icom has a nice compromise width with their 350HZ filter. INRAD makes 400 HZ filters for most radios, which is also a nice width. Get at least 500 HZ filter if all possible. Running in a CW contest without any filter will be annoying at best. A relatively new feature has been DSP filters. Early DSP filters were audio filters that occur after the AGC loop. This means that you might not hear the noise, but your receiver will. Strong signals will still capture the AGC circuit, preventing you from hearing weak signals. Most hams agree that the better audio DSP filters are the outboard ones, like the JPS NIR-12 and the Timewave DSP599+. However it is more convenient to have DSP built in—like the Yaesu FT990. IF DSP is a different story, since the noise reduction will take place before the AGC loop, and it will actually eliminate the noises. So far, only a few rigs have IF DSP. These DSP radios include the ICOM 746Pro, 756Pro and Pro II; Kenwood TS870 and TS2000, and the Yaesu FT1000-MarkV and Field. It is the wave of the future in a contest rig.

Passband Tuning (PBT) is another useful feature, as it narrows the width of the receiver passband. It does not work as well as a crystal filter, but it comes close. Combined with a narrow filter, it makes a very powerful QRM fighting tool. You can use it to narrow the passband beyond what the filter offers. So, try to find a rig with IF DSP, Passband tuning, and cascaded filters at 2 different IF. Many older rigs without DSP work just fine, though, and are still great contesting rigs. Of these three, DSP is the least important filtering issue.

Other features Contesting can become easier when accessories are built into the radio, which makes the operating setup simpler and less cluttered.

Continued on Page 4

Continued from Page 3

Some things to look for are: A built in memory keyer, built in voice keyer, tunable memories, built in dual VFOs (standard on all rigs made after about 1990), and a built in antenna tuner. Be advised, though, that built in antenna tuners will not handle big mismatches. They are good for tuning a triband yagi to cover the entire band, or for tuning a dipole cut for SSB on the CW portion of the band. If you want to use your twin lead fed dipole on all HF bands, you will need an external tuner.

So, after considering all of these issues, what is the best rig? Well, I surveyed contesters on several different contesting and user reflectors; here are the top-two radios recommended in several different price classes.

Under $600

1st Kenwood TS830

2nd Kenwood TS930

$600 to $1000

1st Kenwood TS850-overall, the most recommended rig

2nd Icom 765

Yaesu FT990

$1000-$1500 Icom

756 PRO

Over $1500

1st Yaesu FT1000MP MKV

2nd Icom 756PRO II

Yaesu FT1000D

de John, NE0P

W1AW Fall/Winter Operating Schedule

via ARRL Bulletin

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)

1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST) CWf Mon, Wed, Fri

2100 " " CWs Tue, Thu

2200 " (5 PM EST) CWb Daily

2300 " (6 PM EST) RTTY Daily

0000 " (7 PM EST) CWs Mon, Wed, Fri

0000 " " CWf Tue, Thu

0100 " (8 PM EST) CWb Daily

0200 " (9 PM EST) RTTY Daily

0245 " (9:45 PM EST) VOICE Daily

0300 " (10 PM EST) CWf Mon, Wed, Fri

0300 " " CWs Tue, Thu

0400 " (11 PM EST) CWb Daily

Frequencies (MHz)

CW: 1.818 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555

RTTY: - 3.625 7.095 14.095 18.1025 21.095 28.095 147.555

VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday.

Be sure to bring your current FCC amateur license or a photocopy.

The W1AW Operating Schedule may also be found on page 100 in the November 2002 issue of QST or on the web at,

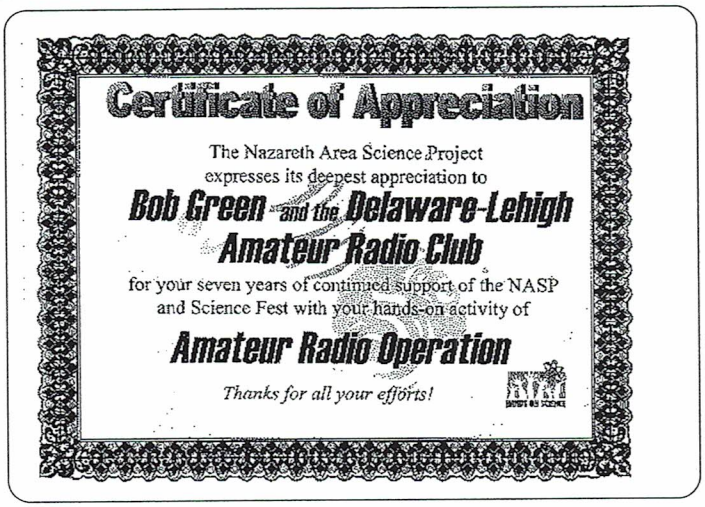
http://www.arrl.org/w1aw.html .



DLARC recognized by Nazareth Schools

by Bob,KE3AW

For the past 7 years DLARC has participated in the Nazareth Area (schools) Science Project with an amateur radio demonstration station. This year


Certificate of Appreciation

The Nazareth Area Science Project
expresses its deepest appreciation to

Bob Green and the Delaware-Lehigh Amateur Radio Club

for your seven years of continued support of the NASP
and Science Fest with your hands-on activity of

Amateur Radio Operation

Thanks for all your efforts!

we could not participate because the Sunday of their Hand On Science Fest date conflicted with our PAQSO Party.

We were, however, recognized for the seven past years we have participated in their project. They have presented us with a Certificate of Appreciation for our seven years of continued support of the NASP and Science Fest "amateur radio operation."

Typically we erected a vertical HF antenna and a 2 meter antenna on the Bushkill Elementary School, ran our coax to a classroom below, and operated our station for the visitors' benefit. We encouraged the children and adults to sit down behind the microphone and get on the air ~ or, if they preferred, as most did, to just watch, listen, ask questions, and, in general, talk about variety of interests in ham radio as we made some interesting QSOs.

We look forward to having a station there again next year, with hopes their Science Fest will not be on the same weekend as the PAQSO Party.

Incidentally, the Certificate of Appreciation was addressed "Bob Green and the Delaware-Lehigh Amateur Radio Club" only because I served as the liaison between the school and DLARC.

Truly the appreciation is addressed to DLARC, and the members who over the years have given their energy establishing the station, operating it for the day, and tearing down the station after each of the successful Fest days of operation.

de Bob, KE3AW

Squeezing Us All Into the Phone Band

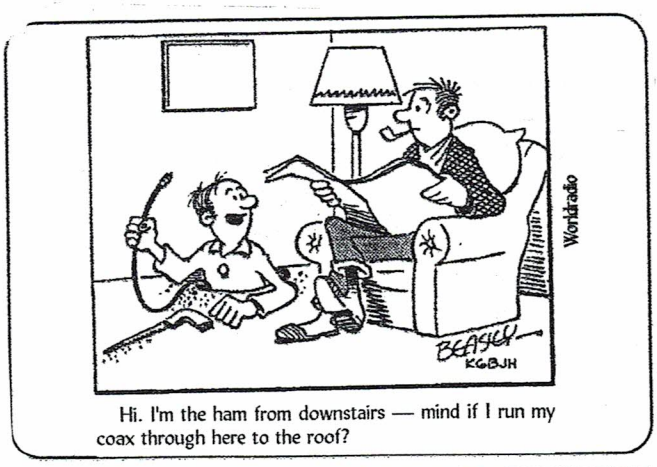
from ARRL Contest Rate Sheet, November 6, 2002.

supplied by Blair, K3YD

After a brief respite this coming weekend in which we attempt to recharge our Ham Radio Points account with the spouse and catch up on all the chores undone in the past two weekends, another major Phone contest takes place on the following weekend - Sweepstakes. Congestion on the HF phone bands is always tough during a contest and it's likely that this year's expected good conditions will raise the QSO's-per-square-kiloHertz to unprecedented levels. It also raises QRM and blood pressures. Why is phone QRM so much worse than during CW contests?

Lets do some math. Assuming people have filters you can get 200 fairly clean CW channels in 100 kHz of band. On phone, the same amount of band gets you 33-1/3 channels. Those 200 clean phone channels require 600 kHz of band space - available only on ten meters. If you further assume a 3:1 load of phone vs. CW guys on the air and an average phone band size of 250 kHz (80 - 15) the congestion is at least eight times worse on HF phone than on CW.

Yikes! Notice that the 250 kHz is pretty much the entire phone band on 80 and 15 and more than the entire phone band on 40 and 20 meters. This means a lot of QRM to contesters and non-contesters alike. This should also be a clue to every phone op to take an extra dose of Vitamin Courtesy. Listen first. Avoid ongoing QSOs and nets. Shine up those diplomatic skills. Keep the splatter and buckshot under control and check your audio before the contest starts. A tip - when someone claims, "You're 50 kHz wide!" they may have a noise blanker and/or preamp on, causing severe receiver overload. You might suggest that they turn those features off if you are confident that your signal is clean.

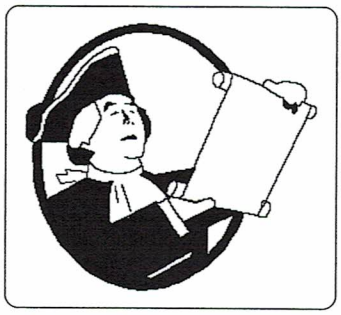


Hi. I'm the ham from downstairs — mind if I run my coax through here to the roof?

Just the Minutes

by Jill Brodt, N3ZSR

President Jeff Keller, N3QZT called the November 7th club meeting to order at 7:30 PM, with 41members and 2 guests present.



An amendment to the October minutes was noted that the call sign of Yuri was incorrect and should have been listed as K3BU. A motion to approve the October minutes with the amendment was made by Norm, K3NZ with a 2nd by Carl, AA3IX. Motion passed.

The Treasurer's Report shown elsewhere in this newletter was accepted with a motion from Eddie, W3APE with a 2nd by Ray, W3TDF.

Barry, N3NVA reminded everyone that we should wait for the courtesy tone before keying up therepeater.

Milk house:

Ken, N3IYX said that they are looking for a Rohn 25 tower to be possibly put up at the milk house.

Skip, K3CC said the roof is leaking. He also reminded everyone using the milk house to sign in and out on the provided log sheet. They are talking about having code practice 1 night a week from the milk house. Let Skip know if interested in joining.

There will be a VE Session on Friday November 8th. Currently there was 1 person signed up.

The following new member was voted in:

Raul Emery no call on a motion from Bob, KE3AW with a 2nd from Dick, KA3MOU.

The following person will be voted on for membership at the December meeting:

Michael Shimko, III KA3MVN

The club picnic date for next year will be **September 28th.** Hopefully at Louise Moore Park.

Christmas City will be December 14 & 15, at the Graystone Building, with a station also in the milk house. Please contact Bob, KB3CSS to participate.

We are still in need of a program chairman.

MS Walks for next year:

April 6, Hugh Moore Park Easton

May 4th, Lehigh Parkway Allentown

We had a discussion about putting the newsletter on our web page. It was decided to put it on the web page on a trial bases along with mailing them each month.

Certificates were awarded to Ken, N3IYX / Skip, K3CC (both present) along with Tim, KC3QO / Jim, KN3DZY / Bob, WF3H and Barry, KU3X (not present) for their work in getting the milk house together.

Tim, KC3QO made a motion that the club should hire someone that is qualified to climb towers and not have members on the tower for repairs. Bob, N3OLH 2nd the motion. Motion did not pass.

There are a lot of club members who do not have their picture on the web page. Please try to get one to Barry, N3NVA.

Ray, W3TDF said that he thinks we may have placed 3rd this year.

Jeff welcomed the following guests:

Greg, N3ZYE

Michael Port, from our last class no call sign.

The program for the evening was presented by George, N3SQD What's SEX have to do with it.

Instead of a program for our December meeting, we will be having a Christmas Social. Please bring cookies, etc., coffee and tea provided.

The meeting was adjourned at 8:20 PM on a motion from Al, W3CE and 2nd by Van, K3CP.

de Jill, N3ZSR, Secretary

FOR SALE

Supplied by Mark WA3KIF

(1) Kenwood TS-830S with MC 50 Microphone
(2) Kenwood TR-7950 and TR-7930 2-meter FM Transceivers
(3) Astron 13.8 volt-12 amp Power Supply
(4) 2020 dual band wattmeter
(5) Kenwood SP-230 speaker
(6) Heath "Cantenna" (dummy load) Model HN-31
(7) 200 new boxed radio tubes

For information, contact:

Florence Stefanik

650 Passer Road

Coopersburg, PA 18036 610-282-3137

Ohio ham suspended following repeater interference

An Ohio amateur accused of interfering with a local repeater system has agreed to stay off the air for one year. FCC Special Counsel for Enforcement Riley Hollingsworth notified **Gary R. Weiler, KI8DI,** of Loveland by letter October 22 to confirm the voluntary license suspension.

"The interference consisted of sound effects, harassment and unidentified communications," Hollingsworth said in his letter. In late September, Hollingsworth had served Weiler with a Warning Notice citing monitoring information alleging that on several occasions since last March Weiler had "deliberately interfered" with the K8CLA repeater in Cincinnati, Ohio. The Warning Notice also threatened him with enforcement action up to and including a fine of up to $7500 and revocation of his amateur license.

Hollingsworth credited the Cincinnati Amateur Radio Club with helping to pin down the source of the interference to Weiler's location. In his reply September 30, Hollingsworth said, Weiler owned up to the infractions and said they'd involved a personal dispute of some kind. "He said he realized he shouldn't have done it," Hollingworth said.

After reviewing his reply, Hollingsworth said Weiler agreed to the proposed one-year suspension, during which he will not maintain an Amateur Radio station. FCC said the suspension will end at midnight October 30, 2003, and that Weiler's amateur license would be returned automatically on or before that date.

On October 24, Hollingsworth issued a welcome reminder to Danny A. Kenwood, WA6CNQ, of San Francisco. In November 2000, Kenwood agreed to a modification of his ham ticket that prohibited all but CW operation below 30 MHz for two years.

It was not the first FCC sanction Kenwood had endured. In the fall of 1999, Kenwood lost his VHF and UHF privileges for 90 days following allegations of profanity, obscenity and deliberate interference directed at users of the K7IJ Grizzly Peak repeater, and of failure to properly identify.

In the spring of 2000, the FCC issued Kenwood a Warning Notice on the basis of reports from the K7IJ repeater system control operator that the repeater had to be shut down due to what Hollingsworth called Kenwood's "interference and harassment to other operators on the repeater system." Kenwood subsequently agreed to the HF CW-only sanction. The modification of Kenwood's General license expires December 1..

The ARRL Letter

Five Houses

Submitted by Tom Shanahan, N2TTQ

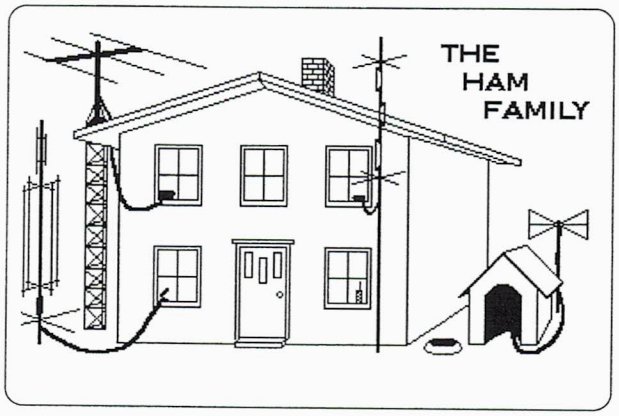
Einstein's Quiz:

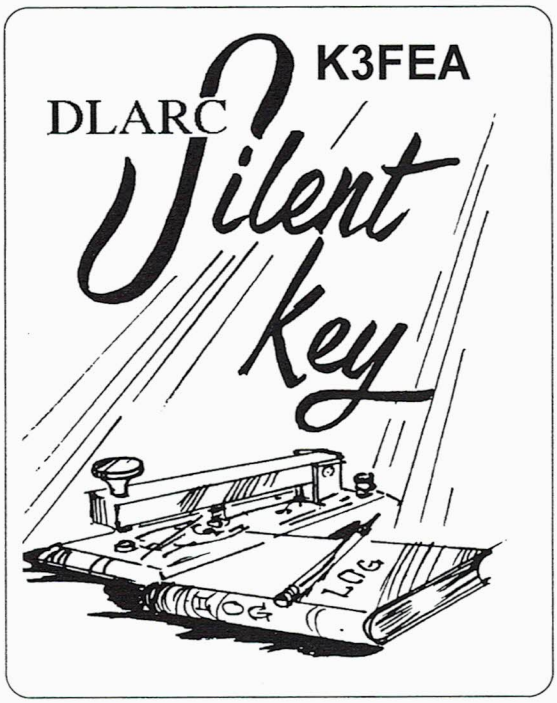
There are 5 houses in five different colors. In each house lives a person with a different nationality. These five owners drink a certain drink, smoke a certain brand of cigar, and keep a certain pet. No owners have the same pet, smoke the same brand of cigar or drink the same drink. The question is... who owns the fish?

Hints

*** the Brit lives in the red house**
*** the Swede had a dog**
*** the Dane drinks tea**
*** the green house is on the left of the white house**
*** the green house owner drinks coffee**
*** the person who smokes Pall Mall rears birds**
*** the owner of the yellow house smokes Dunhill**
*** the man living in the house right in the center drinks milk**
*** the Norwegian lives in the first house**
*** the man who smokes Blends lives next to the one who keeps cats**
*** the man who keeps horses lives next to the one who smokes Dunhill**
*** the owner who smokes Bluemaster drinks beer**
*** the German smokes Prince**
*** the Norwegian lives next to the blue house**
*** the man who smokes Blends has a neighbor who drinks water**

Einstein wrote this quiz last century. He said that 98% of the world could not figure it out..





LaMar Hildenbrandt November 9, 2002

LaMar was a club member and health kept him from attending club meetings.

A graduate of Northampton Community College, he worked for Ingersoll-Dresser-Rand, Phillipsburg, for 20 years before retiring in 1995. Previously, he worked for Warren Controls, Phillipsburg. He was a Navy veteran of World War II.

Meteorology by

by Charlie, WA3RSQ

Pressure

1. Standard sea level pressures are given in various units at a temperature of 59 degs.

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2. 29.92 inches of mercury.
3. 1013.2 millibars.
4. 14.7 lbs. per squareinch.

Standard Heights Above The Sea Level

1. 1,000 MB = Surface
2. 850 MB = 5,000 ft.
3. 700 MB = 10,000 ft.
4. 50 MB = 18,000 Ft
5. 400 MB = 23,000 ft.
6. 300 MB = 30.000 ft.
7. 200 MB = 40.000 ft.

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1. At 18,000 feet, 500 MB. half the atmosphere is below.
2. The human body functions best with the amount of oxygen supplied under normal pressure, about 1,000 millibars.
3. The total pressure is 200 millibars of oxygen pressure. About 800 millibars of Nitrogen.
4. Insufficient supply of Oxygen results in irreparable damage to the brain.
5. Flights above 15,000 feet, and prolonged flights above 10,000 feet, should not be made without oxygen
6. A properly regulated supply of Oxygen is such that the Oxygen pressure will amount to 200 millibars.
7. This is accomplished by displacing part or all of the Nitrogen normally in the air with the Oxygen.
8. At about 18,000 feet when the total pressure is 500 Millibars, the proper mixture would be 200 millibars of Oxygen, 300 millibars of nitrogen, or 2/5 Oxygen.
9. At 200 millibars, 40,000 feet, pure Oxygen would have to be used.

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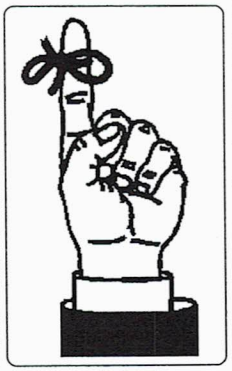
1. **A BAROMETER** is used to measure air pressure.
2. **An ALTIMETER** is used to measure heights in feet above the ground.

de Charlie, WA3RSQ

From Treasurer KA3MOU



Recently there have been many questions concerning the club's money and where it goes. Each month you will find a breakdown of all the expenses and income for the month. It is important that you read this information even if you have heard the report at a club meeting.

If there are any questions about that report, they can be directed to the Treasurer, Dick, KA3MOU.

If you move?

Members, when you have a change in mailing address, E mail address, call sign, telephone number or any other information that the club needs for its records, please send them to Dick KA3MOU. We would like to have an accurate list of our members.

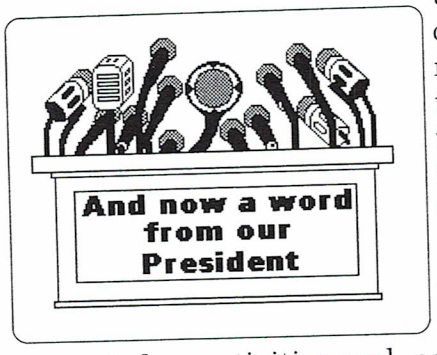
de Dick, KA3MOU



Prez Sez

by Jeff, N3QZT

Well here we are at the end of yet another year, boy they go fast. First I want to congratulate all of the returning Officers and Board members and thank them for there service and dedication to the club.



As I said in last years column this is a good time to pursue indoor activities such as, radio contests for DX ing, demo stations, and various other things. Dont for get the Christmas City Special Event Station which will be on the week end of December the 14th and 15th at the Greystone building. It is also a time when we should check out our stations to be ready for the possibility of being called into emergency service in case of inclement weather.

But this is also the beginning of the holiday season a time for thought and spending time with family and friends, and eating way too much!

Now I need to switch gears a little bit and remind all club members that every year the club honors one of its members for outstanding service and dedication to amateur radio and the DLARC. So once again the DLARC Board will be accepting nominations for the Amy Zimmerman award to be given in March. I urge you to contact any board member and give him or her, your nomination for this award.

Id like to thank all the club members for helping out with the various events and project the we worked on during this past year. It truly takes a group effort to make things work.

Have a happy holiday everyone.

de Jeff, N3QZT, President

VE testing November

One person

Thomas G Slapinsky new Technician.
Ve's NC3P
KE3RC
N2DH
de Thalia KB3CSR

ARRL VEC Examination fee to Rise

Starting January 1, 2003, the fee charged all applicants at ARRL VEC-coordinated Amateur Radio test sessions will increase from $10 to $12 for the year 2003. This fee is charged to anyone applying for a new amateur license or upgrading their operating privileges.

"While the number of examinees has remained relatively unchanged in the past 24 months, our cost of doing business--and the expenses incurred by ARRL VEs--continues to rise," said ARRL VEC Manager Bart Jahnke, W9JJ. "An adjustment was needed in the 2003 test fee if we intended to maintain the same level of service that our VEs and VE teams have come to expect."

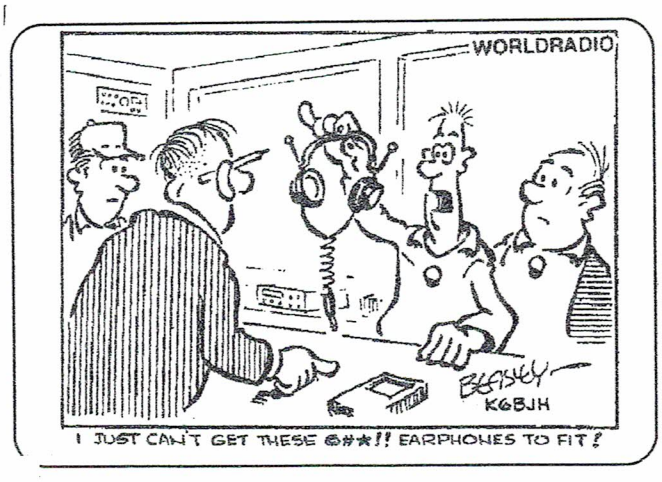
Applicants failing an exam element at ARRL sessions where examiners permit retesting on the same exam element also must submit a retest fee of $12. Additionally, the maximum reimbursement ARRL VEC allows ARRL volunteer examiner (VE) teams to retain to directly offset their "prudently incurred" out-of-pocket expenses will go up from $4 to $6 in 2003 (this fee has remained at $4 per person served since 1991).

Jahnke said that adjusting the reimbursement level for ARRL VEs also was past due. For more information, contact
ARRL VEC, vec@arrl.org.

The ARRL Letter

N3EFN re-elected Atlantic Division Director

Bernie Fuller, N3EFN, handily won re-election over challenger **Anthony Gargano, N2SS.**
The vote was 3115 to 1948.
The ARRL Letter



All Amateur Radio Operators are invited to
Participate in the DLARC, RACES & ARES nets
146.70 and 444.90 W3OK/RPT (pl 151.4) with an alternate of W3PYF/RPT 145.11
W3OK trustee Chris Hornaman, NU3L
The Nets are held on Wednesdays at 7:00PM

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==2002-2003==

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CLUB MEETINGS

All regular meetings of the D.L.A.R.C. are held on the first Thursday of each month
7:30 PM at IU 20 Building in Palmer Township
TALK IN ON 146.70

Any comments or articles contributed to this newsletter
should be addressed to *(w3pyf @aol.com}* or Clarence Snyder, W3PYF Editor.
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