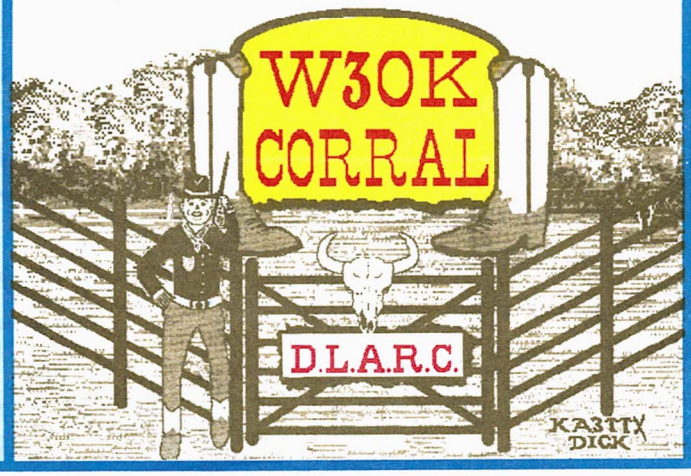
DELAWARE-LEHIGH AMATEUR RADIO CLUB, INC. W3OK

January 1996



SPECIAL SERVICE CLUB
ARRL

ARRL Affiliated Club

New award is offered by the DLARC

DLARC friendship award

by Rich N3NXF

The Delaware-Lehigh Amateur Radio club is sponsoring a new award that is offered to all legally licensed Amateur Radio Operators. It is called the DLARC Friendship Award and the objective is to get DLARC members to communicate via radio (any legal mode) to other DLARC members (and to non-members over the repeater only).



The rules for the Award are printed elsewhere in this issue, however; the general idea is to work at least 26 different members (or non-members via the repeater only) each with a different letter of the alphabet in the suffix of their call. For example, N3NXF could be used as an "N" entry, an "X" entry or an "F" entry (a call may be used only once in the award log). Hams who send me (see address on the rules sheet) a completed, correct log, and who follow the submission rules will receive a serialized 8 1/2 x 11 certificate. Contacts made prior to 0000 hrs UTC, January 1, 1996 are not eligable for award credit.

So, If you have never won an award before, give this one a try. If you are a Tech, and find it hard to access a friend's HF station, this is the award for you, and if you are an accomplished paper chaser, don't miss this opportunity to add another frame to your wall.

de Rich, N3NXF

Electric skies

by Rich N3NXF

As members of a fraternity who routinely put all manner of metal objects high up in trees, on houses, and metal towers, I feel that it behooves each and every one of us to know (at least a little bit) about mother nature's static discharge, lightening. While trying to design my station (at the new QTH) I did a little research on lightening protection of "the Ham Shack", and concurrently, taped off the air a 40 minute TV show called "Electric Skies" which contains up to date information on lightening strikes in the US, and some never seen (amazing) video sequences.



So join me at the January 4th meeting of the Delaware Lehigh Amatuer Radio Club at the Northampton County College, as I discuss some lightening data and protection techniques, and show the exciting Electric Skies video. There are sure to be some **SHOCKING** developments.

DLARC MEETING

JANUARY 4th

KIVA HALL Northampton County College 7:30 PM

CALL ON 146.70 FOR LOCATION IF NEEDED

Contest Calendar

by Barry, KU3X Contest editor

Jan 6-7	ARRL RTTY Roundup
	North American CW QSO Party
Jan 12-14	Japan Int'l Low Band CW Contest
Jan 13-14	YLRL Novice/Technician Day
	Michigan QRP CW Contest
	North American SSB QSO Party
	HA DX Contest
Jan 15-20	UTA DX Maraon Contest
Jan 19-21	YL-Int'l CW QSO Party
Jan 20-21	ARRL VHF Sweepstakes
Jan 21	QRP ARCI Winter Fireside SSB Sprint
Jan 26-28	CQ WW 160 M SSB Contest

Exchanges:

Michigan QRP CW Contest: RST, QTH, MI QRP number (power output if nonmember)

HA DX Contest: RST and serial number

YL-Int'l CW QSO Party: RST, state, name,

ISSB number if member, and DX-W/K partner if any

CQ WW 160 Meter Contest, SSB: Signal report and state

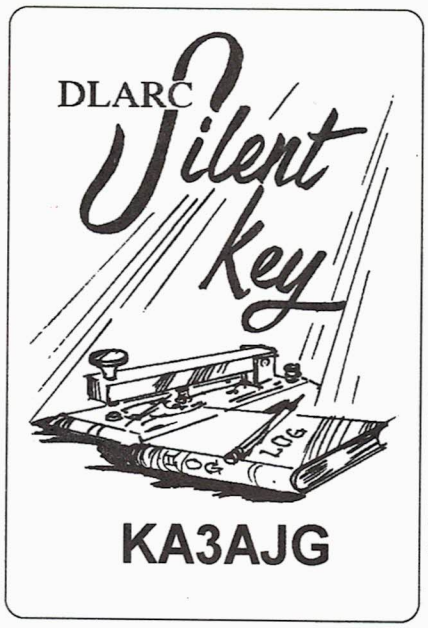
UTA Contest: RS and serial number starting with 001 ***de Barry, KU3X***

What is a DB Anyway?

The **decibel** (1/10 of a Bel), abbreviated **dB**, is not a unit of measure in itself, but a unit devised to make meaningful comparisons between measurement or between a measurement and a known reference. Thus, for a comparison between dB numbers to be meaningful, both numbers must have been arrived at using the same reference.

There are many standard dB references used in antenna and communications engineering. For example, **dBm** is referenced to a milliwatt at some fixed impedance level, usually 50 ohms; **dBw** is referenced to one watt. A common base station antenna reference is a theoretical point source, the isotropic radiator, hence **dBi**.

A tip from the Antenna Specialists Co.



Harry Deibert

Harry F. Deibert, **KA3AJG** became a silent key on Novmeber 18th.

Harry was 84 years old and lived in Elizabethtown at the Masonic Home. He maintained his DLARC membership until his death.

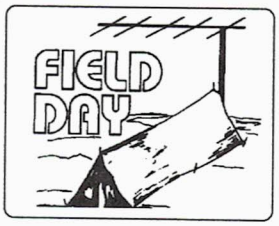
He is survived by his wife, Dorothy two sons, three daughters 14 gradchildren and 12 great-grand children. he was A 32nd degree Mason in the Slatington Lodge. He came to the DLARC classes and received his license after taking his exam at the Greystone Bldg.

A nephew, is Elmer Bush, W3FVT.

Field Day congratulations

by Bob, KU3X, Field Day Chairman

Now that the cold weather and snow have arrived, I would like to remind you of that wonderful WARM weekend in June called Field-Day!! The results were published in the November QST and the **Delaware-Lehigh Amateur Radio Club** was in the **TOP FIVE PERCENT** of our class.



No shame here!!! We had the **TOP** score in EPA and were **ELEVENTH** in the 3A class out of 329 entries! Congratulations ALL!!

See you next June

de Bob, KU3K

Check your mail label:

Dues are due for 1996

Mail to Dich Dech, KA3MOU, treasurer

120 McIhaney Ave, Bath, PA 18014-1612

If you bring it to meeting make sure you put it in an envelope with your name on the front.

PREZ SEZ

by Tom, N3LLL, President

I want to thank **Ken N3IYX "Have R7 will travel"** for his help setting up the antenna at the last meeting. I also want to thank the "Elmers" for once again standing in the wings. Brad / K1CTK, with ICOM did a great job demonstrating the 706 radio, we raffled off 20 "winter" hats as well.

As we move into the new year I have asked **Bob / KE3AW** the ex-officio to head a strategic planning committee to look ahead and help set some goals for our club, **Chris / NU3L** will assist him. Bob and Chris will be surveying other clubs as well as the ARRL in order to find the best way to serve our members. I hope you will give them you support. ***de Tom, N3LLL.***

General Classes

by Chris, NU3L

Classes for the General License will start on Monday, January 8, 1996 and continue for approximately 6 weeks. Classes will be held in the Greystone Building at Gracedale near Nazareth, PA from 7 to 9 PM. Each session will focus on theory however at class discretion some time may be devoted to code to help people measure their progress in their program of self study.
Students should purchase a copy of the ARRL General Class license manual prior to the first class.

As time permits we may also discuss selected topics for the Advanced License examination. These classes sponsored by the Delaware Lehigh Amateur Radio Club, Inc. are free and are open to any ham.

Please let us know if you plan to attend by calling the DLARC telephone answering machine at 820-9110.

de NU3L

Christmas City operation

de Bob, KE3AW

"...and Holiday Greetings from W3OK and the Christmas Cities of Nazareth and Bethlehem, Pennsylvania."

Those were the words repeated many times over the weekend of December 16 and 17 during the Delaware-Lehigh Amateur Radio Club's annual Christmas City Special Event Station.

We made a total of 398 contacts during this year's 24 hours of operation from the club station. The log shows we worked 47 states (missing only Vermont, Alaska, and Hawaii), five Canadian provinces, Jamaica, and Germany. And Clarence/W3PYF, even showed us how to contact Port Elizabeth, South Africa!

The success of this event over the weekend is credited to the efforts of at least the following club members. We asked the operators working at the station to log in. Here is the report from that log:

Mark/KB3AZR; Bob/KE3AW; Bob/W2CCE; Carl/AA3IX; Ken/N3IYX; George/AA3JU; Don/N3JWE; Chris/KE3KN; Tom/N3LLL; Joe/WV3M; Glenn/K3MGP; Carl/N3NGL; Rich/N3NXF; Bill/KA3OEG; Bob/N2OTI; Clarence/W3PYF; Tim/KC3QO; Jeff/N3QZT; Brad/KA1RAH; Ray/N3RBK; Frank/KE3RR; Sharon/N3RZQ; John/WD8SCX; Roy/N3SII; Bonnie/N3SWA; Ray/W3TDF; Russ/N3UBT; Charles/N3VUO; Denise/KB2WHA; and Jim/WA2ZGO.

As in past years, many club members, family, and friends were welcome visitors during the Christmas station operation. We enjoyed seeing everyone.

Special thanks go out to Brad/KA1RAH, for his part in organizing the 1995 Christmas City Special Event and attending to the follow-up of the QSL responses, and to the contributors of the pizza **(Dave/KA2VML** and **Denise/KB2WHA)**, cold cuts **(Dick/KA3MOU)**, soda **(KA1RAH)**, cake **(Bonnie/N3SWA** and **George/AA3JU)**, and cookies **(Mark/KB3AZR** and **Andrea/KE3AW's XYL)**. Everything was appreciated and enjoyed by all, and helped make the weekend pleasurable.

A Christmas City special event certificate will be sent to each amateur radio operator who contacted the station, in return for a QSL card and an SASE. Station operators will receive a certificate in appreciation for their participation in the event.

REMINDER: The club station is available for use by club members with HF band license privileges, or when a control operator with these privileges is present. Please contact a club officer or committee member for a briefing about using the equipment operation before using the station for the first time.

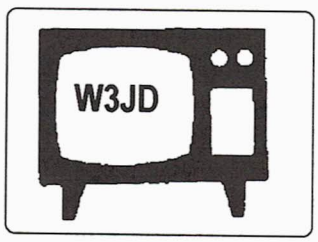
de Bob, KE3AW

New Media Systems

The V-Chip: Automatic Parenting?

By Joe Chuk, W3JD

By mid-December, the Senate/House conference committee that is dealing with the proposed telecommunications reform bill had not produced a final version for Congressional approval. The committee members have, however, reached agreement on several issues covered by the bill. One of those is the use of a circuit in television sets to block objectionable programming.



Known as a "V-chip," this piece of hardware would automatically black out the audio and video of programs that have been encoded as containing violence (thus the "v") or other material unsuitable for a young audience. The user would have the option of activating the chip. Both the Senate and the House versions of the telecom reform bill had a provision requiring television set manufacturers to include the V-chip in all receivers. The Senate, however, went a step further in mandating that the television networks devise a rating system for their programs. If they would fail to do so within a year of the law's effective date, the federal government would then create its own system. The conference committee compromise proposes only the circuit requirement; program rating would be voluntary.

This hardware solution is a response to the growing concern about the content of television programming. Since it's politically advantageous to be against exposing children to violent and suggestive material, both houses of Congress readily accepted the idea of requiring the circuit. Many parents like the concept, as well, since it represents a relatively painless way of keeping objectionable content away from their children.

Critics, however, have voiced a number of concerns. The major problem centers on the question of standards. Some person or group ultimately has to make the decisions about what is considered unsuitable for children. The networks themselves are already providing warnings about violent and adult content, so the programs currently carrying such warnings would most likely be encoded to be blocked out in those homes in which the V-chip is activated.

But there are other programs that parents may still object to that do not currently carry any warnings (such as situation comedies with dialog laced with double meanings). For those legislators and parents who see the V-chip as automatic supervision for children, therefore, the choices of the program raters may simply be unsatisfactory. A more conservative (and safer) rating system may well result in the blocking of generally worthwhile programs that contain relatively small portions of mature material. Relying on a circuit and the judgment of people outside the family for determining program selection removes an essential parenting responsibility, charge those who object to the very idea of the V-chip. Supporters respond that using the chip is entirely voluntary, and those parents who want personally to supervise their children's television viewing may continue to do so.

From a television industry standpoint, one important consideration is the commercial desirability of sponsoring a program that is considered unsuitable for a family audience. Apart from the fact that commercials would be kept out of those households that are blocking an "adult" program -- thus reducing the audience for the commercial spots -- sponsors would be less likely to purchase airtime on such a program. One of the possible consequences of such commercial support would be protests against the advertisers by consumer groups. For a television programming industry that depends on commercial sponsorship, this is a serious concern.

Apart from the loss of the commercial desirability of encoded programs, airing such programs could also be used by community groups and the FCC itself as a negative factor in determining at license renewal time whether a television station is serving the public interest. Because of possible consequences such as these, the V-chip requirement is seen by some as an unwarranted intrusion into the First Amendment rights of program producers and stations.

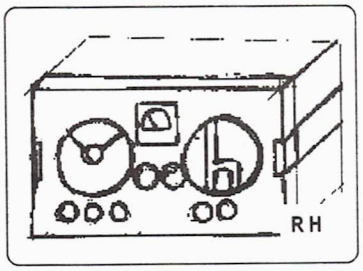
Another feature of the proposed telecommunications reform that concerns First Amendment supporters is a fine of up to $100,000 for those who provide indecent content on the Internet. House members of the conference committee voted in favor of this provision in early December. Watch this column in future newsletters for the outcome of this issue.

de Joe, W3JD

Where did all the old radios go?

by Ron Katz WB2DVK

I was thumbing through an accumulation of back issues of ham radio magazines, looking at the ads for radio gear, reading over the specs and physical attributes of equipment from a past era. How many of you recall the names of these US ham radio manufacturers? Do you have other names to add to my list?



Allied (Knightkits), Ameco, Central Electronics, Clegg, Collins, Davco, Drake, Echophone, Eico, Genave, GLB, Gonset, Hallicrafters, Hammarlund, Harvey Wells, Heath, Johnson, Kelvin (kits) Lafayette, Lakeshore, National, P&H, Parks, Polycomm, RME, SBE (SideBand Engineers), Sonar, Swan, Utica, Technical Material Co, Vanguard, World Radio Labs (Globe and Galaxy lines).

While some of these companies are still in business and marketing radio equipment, they have shifted their market base to the commercial arena, or have scaled down their involvement in the amateur radio marketplace.

Every now and then, when exchanging station information, I'll discover the person I'm in contact with is using a classic, instead of the usual report indicating the rig is an Icom, Kenwood or Yaesu transceiver. (Atlas and TenTec users are out there, but they make up a small group compared to users of radios from one of the Japanese manufacturers).

For instance, not long ago, I worked a fellow on 20m CW who was using a Viking Ranger II and National NC-300 combination. The ol' Ranger II drifted more than we're used to seeing from modern rigs, but it did the job, nevertheless.

There are a handful of collectors and radio restorers, who get gather these relics and give them the care and effort necessary to restore them to like new condition. What happened to all the rest, the literally tens and hundreds of thousands of other pieces of old gear, where do they wind up? Take the venerable Volkswagen Beetle, the infamous "Bugs" that roamed the earth's roads (paved or otherwise) for 4 or 5 decades. There were millions and millions of them (sorry, Carl Sagan, couldn't resist) 1at one time, but they are a rare sight now. So, where are all the old radios? I'd like to think they are not all gathering cobwebs and dust in a corner of the basement, garage or attic, along with the old Lionel or AC Gilbert American Flyer trains and other relics from the past.

See you on the radio, whatever brand that may be .

de Ron WB2DVK @ kc2fd.ny.usa.na

Are you a member?

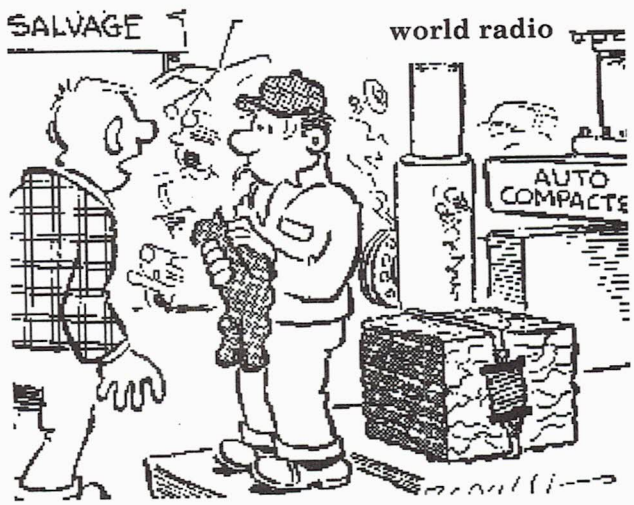
Most of the members of the Delaware-Lehigh Amateur Radio Club are members of the American Radio Relay League.. Are you?

Being a member of the ARRL is not a subscription to a magazine, but as member of the only group that is helping to maintain the frequencies and privileges that we have. Its leadership, which is elected by the members, responds to the requests of the amateurs who have joined and they follow their wishes faithfully.. The membership services group in addition to supporting the Amateur Radio Service through representation before government agencies and administrative support to the Field Organization, offers membership services on a personal level.

These include ARRL DX QSL bureau and in addition, with the cutbacks in federal funds for the administration of Amateur licenses, the ARRL is taking the crucial role of acting as one of the VEC's in directing the testing of new or upgrading Amateur operators.

Their leadership in public service and the direction of events such as Field Day and the normal routing of all types of emergency traffic are important in all of our lives.

If you are not a member, contact our treasurer, Dick Dech, KA3MOU and let him help you with your application. This goes of course for renewals as well.



I left my mobile antenna on my old car-- you didn't happen to catch it? (Could that be your editor, W3PYF?

Why Dual Membership?

by Mark, WA3KIF

District 4 Emergency Coordinator

No, this is not another plea for help public service activity, nor is it another public service activity, nor is it a "global" Thank You for all you have done.

The intent of this article is to be informational. The title **"Why Dual Membership"** refers to **ARES/RACES**, what they are and why your enrollment in both is essential if you are serious about serving your community with your unique skill and equipment.

I will begin with definitions.

ARES stands for **Amateur Radio Emergency Services** and is an organization sanctioned by the American Radio Relay League.

RACES (Radio Amateur Civil Emergency Services) is organized at the local (county) level .It is not recognized by the ARRL. It is operated at the local level.

An activity under the umbrella of ARES can be " activated when non-hams and the non-government served agencies they work with, decide that communications are needed." This would include activities such as Bike-a-thon / races, Derriere on the Delaware and parades etc.

Now that we know what ARES and RACES are, I will attempt to answer the question, Why Is Dual Membership is Important ?

When I was the EC for Lehigh County, I tried not to make a distinction between ARES and RACES. I encouraged participants to register in both and most did in fact dual enroll. I felt that it was to the amateurs benefit to belong to both organizations. I still feel this way and would continue to encourage me members to register with both.

Again, I enlisted the help of WT3P, Kay Craigie, to help me answer the question Why Dual Membership? She sent me a packet helping me to understand the importance of this area of our hobby.

"A RACES activity CAN ONLY BE ACTIVATED BY A GOVERNMENT AGENCY" (County) and each participant (as I understand) is covered by insurance during that activity. That means that formally, an amateur **CANNOT** participate in a **RACES** event if only enrolled in **ARES.** If he does participate and is **NOT** a **RACES** registrant, he will not be covered by any insurance.

An example of a **RACES** event would be the Limerick drill or the State called Weather exercise.

An ARES event CAN be activated by non-hams and / or non-government agencies. That means if an amateur is enrolled ONLY in RACES COULD NOT participate in local community activities. ***The ARRL does NOT provide insurance for ARES volunteers.***

Participants in **ARES** rely on their homeowners, automobile, personal medical or personal liability coverage. There is no incident known to the ARRL HQ in which a ham has ever been sued for something done while serving as a volunteer communicator, either on behalf of **ARES** or on behalf of a local amateur radio club. This is not to say it could never happen, just that is has not .

I am sure that most clubs have insurance coverage on their members which includes formal radio club activities (Field Day, events etc.).

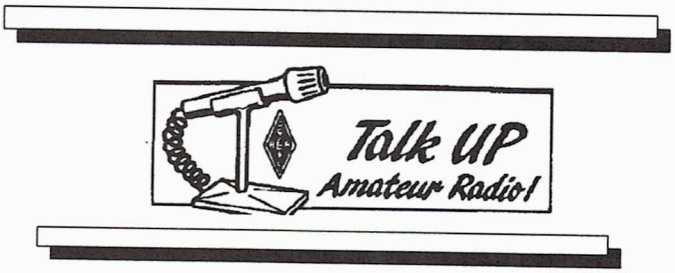
To summarize, **ARES**, an **ARRL** recognized organization, can be activated to provide communications for local civic events. **RACES** can only be activated by government agencies. The issue of insurance is a small part of the distinction.

So Why should you enroll in both **ARES / RACES?**; because technically, there is a distinction between the amount of participation one can play in each. Enrollment ONLY in RACES, being a governmental organization, would restrict the amateurs participation in activities. On the converse, Enrollment ONLY in ARES would NOT allow an amateur to participate in a governmental sponsored event.

It is a very simple matter to be dual enrolled. All one needs to do is contact their local Emergency Coordinator/Radio Officer, (W3PYF, Clarence or his assistant, KA3MOU, Dick in Northampton County & N0KIA, Paul - Lehigh County) and ask them to put you on their list of ARES / RACES membership. In fact, I am not sure why one would NOT want to be registered in both organizations.

I hope this information is helpful and encourages all public service-minded amateurs to be dual registered. Thanks for your service to your community !!

de Mark, WA3KIF



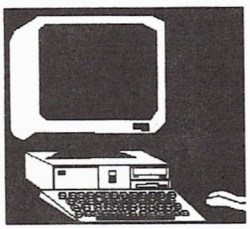
For all you Windows lovers...

The following was copied from the Internet:

supplied by John, KD2BD

Windows: Just another pain in the glass

Double your drive-space: delete **Windows!**



Ever noticed how fast **Windows** runs? Neither did I!

Windows: Turn your Pentium into an XT...

Windows: The Gaws -The colorful clown suit forDOS

Windows'95 is out! (PC Magazine, April 2013)

MS-Windows could use yet another liposuction

Windows: XT emulator for an AT

Windows is for fun, OS/2 is for getting things done

OS/2 VirusScan -- "**Windows** found: Remove it? **[Y,n]**"

Windows'95: New look, same multicrashing

Windows isn't a virus, viruses do something

Help! There are **Windows** everywhere! In my car, my house

Microsoft's marketing: "**Windows** is SEMI-shareware"

Windows: From the people who brought you EDLIN!

Time on your hands? Get **Windows!**

"Fer sail cheep, **Windows** spel chekcer, wurks grate"

Microsoft **Windows**... a virus with mouse support

Microsoft gives you **Windows**... OS/2 gives you the whole house

Newsflash: Microsoft announces Visual Edlin for **Windows**

Sorry, this virus requires **MicroSoft Windows** 3.x

A computer without **Windows** is like a fish without a bicycle

Are you using **Windows** or is that just an XT?

Bang on the LEFT side of your computer to restart **Windows**

Beat me, whip me, make me use **Windows!**

Breaking **Windows** isn't just for kids anymore...

Bugs come in through open **Windows**

Coming soon: EDLIN for **Windows**

DOS 6.0 and **Windows 3.1** - A turtle and its shell

DOS is just an operating system that runs **Windows 3.1**

Data to Picard: "No, Captain, I do NOT run **WINDOWS!"**

Despite my car having **windows**, it still isn't mouse driven!

Difference between a virus and **windows**? Viruses rarely fail.

Error #152 - **Windows** not found: **(C)**heer **(P)**arty **(D)**ance

Error 005: **Windows** loading - come back tomorrow

Exhibitionists love **Windows**

Father, forgive me, I've been caught using **Windows...**

Have you crashed your **Windows** today?

I can't wait for EDLIN to be ported for **Windows**

I still miss **Windows,** but my aim is getting better

I'll never forget the 1st time I ran **Windows,** but I'm trying...

If I wanted **Windows**, I'd live in a greenhouse!

If **Windows** is user-friendly, why do you need a 678-page manual?

If **Windows** sucked it would be good for something

Masochist: **Windows** programmer with a smile!

My latest screen saver: Curtains for **Windows**

New **Windows 4.0:** programmed in Turbo Logo++

New from McAfee: WinScan - Removes all Windows programs

OS/2... Opens up **Windows**, shuts up Gates

Out of disk space - **Delete Windows**? **[Y]**es [H]ell yes!

Relax... you are entering a **windows** free zone

Some **windows** were made to be broken

Windows - so intuitive you only need a meg of help files!

Windows 3.1 - The best $89 solitaire game you can buy

Windows 3.1 vs OS/2 = Michael Jackson vs Mike Tyson

Windows95 will be released as soon as Windows 3.1 finishes loading

Windows Multitasking: screwing up several things at once

Windows NT: Nice Try

Windows NT: Insert wallet into Drive A: and press any key to empty

Windows - A solitaire game that requires 16 MB and HD

Windows has the ability to screw up 2 things at the same time!

Windows? We don't need no stinking **Windows**!

de John, KD2BD

CHECK YOUR MAIL LABEL

IF IT SHOWS 12/31/95 YOUR DUES ARE DUE.

Multi application HT users

by Tom, N2TTQ



It has become very common for alot of hams to use hts for mobile,portable , packet etc..... As a result of this, various types of ht's develolp a break in the shield/ground connection of the BNC antenna connector on the HT.

Being subjected to the constant torque (although not great) of installing and disconnecting antennas causes it to come free under this constant use.

A solution for this is to use a BNC male to female connector. I tried many hamfests looking for this and only recently found it. Most hamfest connector dealers will think it strange to ask for this as it seems to serve no purpose, however others well informed, call it an **"antenna connector saver"**. It will take the brunt of the antenna intalling and disconnects. Amlphenol does make them.

I hope this helps

de Tom, N2TTQ

Somethings to think about

A grieving widow was discussing her late husband with a friend.

"My Albert was such a good man, and I miss him so. He provided well for me with that fifty thousand-dollar insur- ance policy-but I would give a thousand of it just to have him back."

–Farmer's Digest

"Mommy," the little girl asked, "do all fairy tales begin with 'Once upon a time'?"

"No, dear," she replied. "Sometimes they start with 'Honey, I'll be working a little late at the office tonight."'

--Bloomer, Wis., Advance, quoted by Tina Maples in Milwaukee Journal

Ole bought a new car in the neighboring town and as he was driving home on the freeway, he noticed that it had come with a celular phone. He picked up the reciever and found it was working, so he called Lena.

"Hello Lena" Ole said on the phone.

"Hi, Lena, this is Ole. I bought you a new car and I am calling on the celular phone that came with it. I'm on the freeway and I'll be home in about 20 minutes". "Oh, dear." commented Lena, "I just heard over the scanner that the police re chasing a 'Loonatick' down the freeway who is going the wrong way." Ole said, "tell me about it. "There's hundreds of them!"

Joe: "Woman the lifeboats! Woman the lifeboats!"

Moe: "You don't 'woman' the lifeboats. You 'man' the lifeboats."

Joe: "Look, you fill your lifeboats and I'll fill mine."

--Bob Pillips, World's Greatest Collection of Clean Jokes (Harvest House)

A new Executive went to his first high-Ievel meeting. At the end of the conference table sat a fellow who, whenever a tough problem came up, would say something like, "Well, it never rains, but it pours" or "It's a long road that has no turning" or "If life gives you lemons, then make lemonade."

"Exactly what does that guy do? " the new exec asked a colleague after the meeting.

"He gives us our spirit of unity," was the reply. "We'd all like to strangle him."

--Joan Auer Kelly

from Leo N0AHH

December 8th 1995 VE session.

At this session, two candidates took a total of four elements. There was one new licence...

Louis A. Ferrucci new Technician

One candidate gained element credit.

The VE's at this session were: Bill, NC3P; Ray, W3TDF; Martin, N3RCA; Bob, KE3AW; and Chris, NU3L. We all owe a vote of thanks to these gentlemen, and to all VE's who have given their time during 1995 to provide local testing for aspiring hams and for those seeking to upgrade.

Liason for this session was NU3L: special thanks to Chris for taking on this task at short notice.

The next test session will be on January 5th.

73 de Robin, WA3T

DLARC Friendship award

by Rich, N3NXF

Purpose:

We promote ourselves as the "friendly repeater". Here is a chance to boost that image. The purpose of this award is to foster an atmosphere of respect and friendship within and by the DLARC membership, and to encourage DLARC members to contact non-DLARC members when they come onto our repeaters.

The Rules:

DLARC members, refers to amateurs who are members of the Delaware Lehigh Amateur Radio Club in good standing at the time of the contact.

1. All legally licensed Amateur Radio Operators are eligible for this award. No contact made prior to 0000 UTC, January 1, 1996 will be accepted.

2. Contact DLARC and non-DLARC amateurs for a total of 26 operators, each with a different selected letter of the alphabet in the suffix of their call. A CALL MAY ONLY BE USED ONCE IN THE LOG ! e.g. N3NXF can be used as an "N" contact, or an "X" contact, or an "F" contact, but not all three NU3L can only be used as an "L" contact

3. Contacts with DLARC members may be made on any legal band, and in any legal mode. Packet, SSTV, RTTY contacts are all

acceptable.

4. Contacts with non-DLARC members MUST be made via FM voice through a DLARC sponsored club repeater.

5. The exchange data for DLARC members will be:

Call Sign, Name, **CURRENT** Location, Indicate you are a **DLARC** member (current location is the town you are in when you exchange that information)

6. The exchange data for non-DLARC members will be: Call Sign, Name, Indicate you are not a DLARC member

7. DLARC, ARES, and RACES Net contacts, and Special Event contacts WILL NOT COUNT.

8. PA QSO Party contacts are allowed.

For a Certificate:

Keep a log that shows:

Call Sign; Name; Other Station Location; Other Station **DLARC** member (y/n); Band; Mode; Date; Time

The turned in log must be in **ALPHABETICAL** order by selected suffix letters (your "A" call must be first, your "Z" call must be last). (You don't need to contact them in alphabetical order, just list them that way in the log)

The selected letter of the call sign suffix **MUST** be circled on your log sheet. (Your "A" contact must have the A in the suffix of his call circled, etc.)

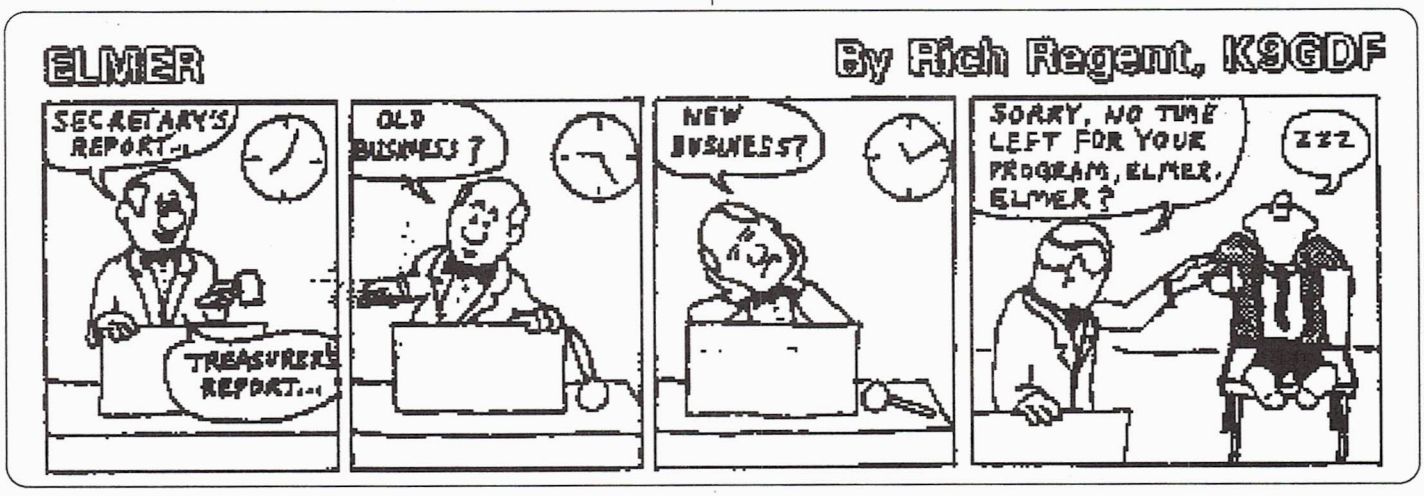
Send **COMPLETED** logs and an **SASE** to:

Rich Shevalier N3NXF
887 Lahr Road
Nazareth, PA 18064-9546

If you don't send the SASE you won't get the certificate, unless you request me to bring it to a **DLARC** meeting.

The certificates will be serialized.

.de Rich, N3NXF



From the ARNS News courtesy of Rich Regent K9GDF

Seasons Greetings

The recent announcement that Donner and Blitzen have elected to take the early reindeer retirement package has triggered a good deal of concern about whether they will be replaced, and about other restructuring decisions at the North Pole.



Streamlining was appropriate in view of the reality that the North Pole no longer dominates the season's gift distribution business. Home shopping channels and mail orhe could not sit idly by and permit further erosion of the profit picture.

The reindeer downsizing was made possible through the purchase of a late model Japanese sled for the CEO's annual trip. Improved productivity from Dasher and Dancer, who summered at the Harvard Business School, is anticipated and should take up the slack with no discernible loss of service. Reduction in reindeer will also lessen airborne environmental emissions for which the North Pole has been cited and received unfavorable press.

I am pleased to inform you and yours that Rudolph's role will not be disturbed. Tradition still counts for something at the North Pole. Management denies, in the strongest possible language, the earlier leak that Rudolph's nose got that way not from the cold, but from substance abuse. Calling Rudolph "a lush who was into the sauce and never did pull his share of the load" was an unfortunate comment, made by one of Santa's helpers and taken out of context at a time of year when he is known to be under executive stress.

As a further restructuring, today's global challenges require the North Pole to continue to look for better, more competitive steps. Effective immediately, the following economy measures are to take place in the "Twelve Days of Christmas" subsidiary:

The partridge will be retained, but the pear tree never turned out to be the cash crop forecasted. It will be replaced by a plastic hanging plant, providing considerable savings in maintenance.

The two turtle doves represent a redundancy that is simply not cost effective. In addition, their romance during working hours could not be condoned. The positions are therefore eliminated.

[The three French hens will remain intact. After all, everyone loves the French]

The [four calling birds] were replaced by an automated voice mail system, with a call waiting option. An analysis is underway to determine who the birds have been calling, how often and how long they talked.

The five golden rings have been put on hold by the Board of Directors. Maintaining a portfolio based on one commodity could have negative implications for institutional investors. Diversification into other precious metals as well as a mix of T-Bills and high technology stocks appear to be in order.

The six geese-a-laying constitutes a luxury which can no longer be afforded. It has long been felt that the production rate of one egg per goose per day is an example of the decline in productivity. Three geese will be let go, and an upgrading in the selection procedure by personnel will assure management that from now on every goose it gets will be a good one.

The seven swans-a-swimming is obviously a number chosen in better times. The function is primarily decorative. Mechanical swans are on order. The current swans will be retrained to learn some new strokes and therefore enhance their outplacement.

As you know, the eight maids-a-milking concept has been under heavy scrutiny by the EEOC. A male/female balance in the workforce is being sought. The more militant maids consider this a dead-end job with no upward mobility. Automation of the process may permit the maids to try a-mending, a-mentoring or a-mulching.

Nine ladies dancing has always been an odd number. This function will be phased out as these individuals grow older and can no longer do the steps.

Ten Lords-a-leaping is overkill. The high cost of Lords plus the expense of international air travel prompted the Compensation Committee to suggest replacing this group with ten out-of-work congressmen. While leaping ability may be somewhat sacrificed, the savings are significant because we expect an oversupply of unemployed congressmen this year.

Eleven pipers piping and twelve drummers drumming is a simple case of the band getting too big. A substitution with a string quartet, a cutback on new music and no uniforms will produce savings which will drop right down to the bottom line.

We can expect a substantial reduction in assorted people, fowl, animals and other expenses. Though incomplete, studies indicate that stretching deliveries over twelve days is inefficient. If we can drop ship in one day, service levels will be improved.

Regarding the lawsuit filed by the attorney's association seeking expansion to include the legal profession ("thirteen lawyers-a-suing") action is pending.

Lastly, it is not beyond consideration that deeper cuts may be necessary in the future to stay competitive. should that happen, the Board will request management to scrutinize the Snow White Division to see if seven dwarfs is the right number. Happy Holidays!

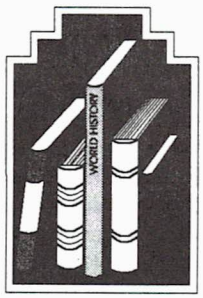
author unknown

Minutes of General Meeting

December 7, 1995

by Bob, N3OLH, Secretary

The December meeting of the Delaware-Lehigh Amateur Radio Club was called to order at 7:35 P.M. in Kiva Hall of the Northampton County Community College on Thursday December 7 1995 by Tom Frobase, N3LLL, the Club President. Approximately 78 members and guests were present.



Before the business meeting began, Tom announced that the evening's 50/50 drawing would include some Icom hats and pens which were donated by the evening's speaker.

Robin, WA3T, moved to approve the minutes of the September General Meeting as reported by the Acting Secretary, Amy, KD3TI, and published in the December issue of the W3OK Corral. The motion was seconded by Clarence, W3PYF, and approved by the membership.

The Treasurers report was presented by the Club Treasurer, Dick, KA3MOU. The report showed a cash balance of $7,092.76. Ray, W3TDF, made a motion to accept the Report. The motion was seconded by Mark, KB3AZR, and approved by the membership.

Tom reported that we are still having problems with the receive side of the 440 repeater but that the parts are in and it should be repaired as soon as possible.

Robin, WA3T, reported that the new schedule for the Club sponsored VE sessions will be issued shortly.

Chris , NU3L, said that a new round of classes for preparation of the General Class License will begin on January 8, 1996 at Gracedale.

Tom reported that the Club had purchased a Sony short wave radio for the loaner program and that it would be placed on indefinite loan to the daughter of one of our members during her period of illness.

Bob, KE3AW, reminded the group that the Christmas City Special Events Station would be held during the weekend of December 16-17 and that operators are still needed.

Tom reminded the group that the evening meeting would consist of demonstration of a new Icom radio by a representative from Icom to be followed by a panel of Elmers to answer questions about any phase of ham radio (Secretary's note, because of the length of the Icom demonstration the panel discussion was postponed to a future meeting). The January meeting should be quite "electrifying" as Rich N3NXF will present a program on lightning. George, AA3JU discussed possible future programs and asked that anyone with suggestions for programs should contact him.

Rich, N3NXF, discussed the new "DLARC Friendship Award", details of which can be found in the January W3OK Corral.

Tom told the group that the DLARC will celebrate its 50th anniversary in 1996 and that some type of celebration should be in order. Details will be forth coming at a later date. He also discussed the possibility of moving the Club Hamfest up to the first week in August.

Applications for membership were received from Denise Reiger, KB2WHA, and from Dave Hinkle, WB3ACG. Carl, AA3IX, made a motion to accept them as new members. The motion was seconded by Amy, KD3TI, and approved. The President welcomed the new members into the Club membership.

The meeting was adjourned at 8:10 p.m.

de Bob, N3OLH, Secretary

Silent Key

De Ham Hum

The club was saddened to learn this week of the death of one of our most valuable members, **"SOMEONE ELSE."**

Someone's Else's passing creates a vacancy that will be difficult to fill. Else has been with us for many years and for everyone of those years, Someone did far more than a normal person's share of the work. It was common knowledge that Someone Else was among the hardest workers in the club. Whenever there was a need, everyone just assumed Someone Else would make up the difference. Someone Else was a wonderful person, sometimes appearing super human, but a person can only do so much.

Were the truth known, everyone expected too much of Someone Else. Now Someone Else is gone! We wonder what we are going to do. Someone Else left a wonderful example to follow but WHO is going to follow it? Who is going to do the things Someone Else did? When you are asked to help, REMEMBER We can't depend on Someone Else.

from the Watts News-Ogden ARC WA7ZFW editor

Motorola Building Amateur Gear Again?

via Ham Radio Online, Ed Mitchelll, KF7VY, "http://www.accesone.com/vbook/hronline.htm!.,

Rumors are floating on the Landmobile Radio Digest, an Intemet newsletter, that Motorola will introduce Amateur radio equipment to the U.S. market again in early 1996. Some of these rumors may be founded in reality. According to John Conrad, sending email from Thailand, the Seanet ham radio conference is being held right now (Nov 6 -l on the island ofKoh Samui in Southern Thailand. According to his report, Motorola Asia, in conjunction with a major Thai communications company named United Telecoms Industries, is launching an Amateur radio product for two meters and 70 cm under the model number "AP -50." The radio appears on the front page ofthe Thai version ofCQ magazine's November issue, he says. After the conference, he hopes to send us more information.

MOTOROLA

Meanwhile, rumors are floating in Landmobile Radio Digest that the same radio will be introduced in the North American market in early 1996.

The return of Motorola to the Amateur equipment market would be a major vote of confidence in the future of Amateur radio. Motorola is well known for designing and manufacturing rugged radios built to withstand the abuse of industrial and public safety environments.

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1996 SAREX missions

de Bruce, I6KZR

Which missions of Space Shuttle of 1996 will carry the SAREX program? the following is the schedule for 1996 sarex flights

MISSION	LAUNCH	LENGTH	INCLIN	CONFIG	OP.MODES
STS-76	3/21/96	9 DAYS	51.6	M	FM VOICE
STS-78/LMS	6/27/96	16 DAYS	39	C	FMVOICE/PACKET
STS-79	8/01/96	9 DAYS	51.6	M	FM VOICE
STS-80	11/07/96	16 DAYS	28.5	C	FMVOICE/PACKET
STS-81	12/05/96	9 DAYS	51.6	M	FM VOICE

Note: All configuration M flights will be dockings with the MIR.

de Bruce, I6KZR

If personal computers had been around in the 1960's...

Beverly Hillbillies Miss Jane tries to convince Mr. Drysdale to network all the PCs in the bank, but, typically, he won't spend the money. Frustrated, Miss Jane pleads with Jed Clampett to persuade Mr. Drysdale to "put in the LAN," but Jed thinks she said "put in the ham." Jed then gets Granny to cook up a dozen hams and has Jethro and Ellie Mae bring them to the bank. When they arrive, everybody is out to lunch, so Jethro begins to distribute the hams, but is frustrated when he can't get the coaxial cable to stay attached to the ham bone. To further complicate matters, Ellie May has brought along her pet goats, which begin to eat the ham and cable, causing the the VAX to short out and force an emergency electronic fund transfer of the Clampett millions to a competitive bank. As Mr. Drysdale is seen chasing Miss Jane down the hall with a crazed look in his eye, swinging a ham at her, Jed is heard to remark, "Weeedoggie! Why look at that Granny. Mr. Drysdale is so happy about whut we done, he's gonna give Miss Jane her own ham!"

Gilligan's Island: The Professor finds some rare binary coconuts that can be used to upgrade the ROM in his bamboo clone modem to support X.25. After hours of effort, he manages to establish a connection via his papaya-based VT 100 terminal and satellite uplink with Telenet, but falls asleep from exhaustion. Gilligan walks up and types "+++" then "ATH" and drops the line. The Skipper beans him with a rock and finally loses it, his seafaring years catch up with him and he starts making lewd remarks to Mary Ann about playing Leisure Suit Larry IV together. Meanwhile, Mr. Howell finally figures out how to work the ISDN set that was accidently dropped by a passing JAL jet and has a heart attack when he hears via Dow Jones News Retrieval that the stock market has soared above 3000 points. Ginger calls CompuServe and E-mails some software developers in an effort to convince them that she should would be a good model for MacStripPoker 2.0. Eventually, all connectivity on the island is lost, when Gilligan discovers an actor in a bad gorilla costume has shorted pins 2&3 on the serial cable, and everybody on the island has just been echoing characters to each other.

The Mary Tyler Moore Show Mr. Grant tells Mary to come up with some hard facts about all the activity out in Silicon Valley. Mary grabs her Mac portable and jumps on a plane west. Unfortunately, she leaves the Mac switched on and, due to an undiscovered bug in the latest release of System and Finder, the hard disk continually optimizes itself when no keyboard input is recorded for more than five minutes. Needless to say, she has a dead Mac when arriving and spends the next few hours trying to find a replacement. Meanwhile, Ted begins his broadcast and notes that "We expected to have some good information about Silicon Valley for this broadcast, but somebody had to take a Mac and not a reliable laptop PC!" Frantic, Mary calls long distance over crystalline fiber optic lines to get help from Rhoda, who doesn't answer the phone because she is playing Bomber and has the headphones on. However, Phyllis's snotty daughter is around and answers. She listens to Mary whine, then hangs up the phone. Mary is last seen violently flinging the Mac out a speeding taxi window while crossing the Bay Bridge.

There's just not enough sax and violins on television.
Originator:Randal Woodman
<randallw@ADSS.ESY.COM>

WRC ends!

from Amateur Radio Newsline 956

The 1995 World Radiocommunication Conference is over and it's good news for those hams in favor of keeping the Morse Code. While the Geneva ITU conference dealt with a number of proposals to simplify the Radio Regulations and to expand mobile-satellite services, the most controversial matter raised amateur radio wise was a New Zealand proposal to delete International Telecommunication Union Radio Regulation 2735. This is the requirement that amateurs demonstrate Morse code ability in order to be licensed to operate below 30 MHz.

The Conference did not accept this proposal. Instead it agreed to include consideration of the amateur regulations on the provisional agenda for the 1999 WRC. The broad language of the agenda item should also allow for consideration of any changes that might be necessary to achieve global recognition of an International Amateur Radio Permit. Another preliminary agenda item for WRC '99 deals with the possibility of increasing the available spectrum for broadcasting, particularly between approximately 4 and 10 MHz. This raises concerns not only with regard to the 40 meter amateur band, but also for the top end of the 75 meter band, which is already allocated to broadcasting in ITU Regions 1 and 3.

Amateur Radio interests were represented at the conference by International Amateur Radio Union President Dick Baldwin, W1RU, secretary Larry Price, W4RA, and Region 1 vice chairman Wojciech Nietyksza, SP5FM. ARRL Technical Relations Manager Paul Rinaldo, W4RI, was a member of the United States delegation, and other national delegations also had Amateur Radio representatives at the conference. It should be noted that no other United States group claiming to represent the interests of radio amateurs bothered to send a delegation to the WRC meeting.

Northwest floods

Amateur Radio Newsline 956

Ham radio operators have responded in the wake of severe flooding that hit the Northwestern U.S. over the past weeks.

Ten inches of rain in three days was too much for parts of Western Washington to handle. In the Cascade mountains, flooding problems grew worse when warm rains melted snowpacks. More than a dozen major rivers in western Washington reached or passed flood stage. That cut off roads to at least two communities and forced evacuations. Radio amateurs were called to provide communications support at an emergency operations center set up in the town of Carnation.

In Issaquah, amateur radio frequencies were used to help relay dispatch requests received by 911. In Carnation, hams helped dispatch fire/rescue units using fire department radio channels. Amateurs were also called to the King county police special operations unit. Hams provided communications support to a local search and rescue group. Amateur frequencies got a workout in King county. That's where many search and rescue volunteers are licensed hams. Amateur frequencies and repeaters are often used for primary communications during search and rescue operations in King county. The flooding was even a problem for fish. At a salmon hatchery, water ran over a barrier used to keep salmon from swimming further upstream. The barrier itself was several feet underwater.

For Sale

Complete **Collins Station** including:
75S1 Receiver
32S1 Transmitter
Collins Solid State power supply 12v in Collins AC Supply
B&W 1 KW Amplifier with seperate power supply
Asking **$800.00** for entire station.
Call **WA3MGD**, Charles @610 395-6154

*__Ameritron AL-811H__ Amplifier (like new condition) low hours and spare set of of tubes.
Asking **$575.00** OBO
*__MFJ - 949E__ Antenna Tunner with AC adapter,
Asking **$95.00** OBO.
Call Ed, **N3AHE** @ 610 866-7430, leave name and number or call between 6:00PM and 10PM.

Why not bring a friend to the meeting on January 4th.

All Amateur Radio Operators are invited to
Participate to the DLARC, RACES & ARES nets
on 146.70 W3OK/RPT with an alternate of W3PYF/RPT 145.11
W3OK trustee Rick Saeger, K3OO
The Nets are held on Sundays at 9:30 AM and Wednesdays at 7:00PM

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DLARC INFORMATION LINE 820-9110

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==1995-1996==

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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 Northampton County Community College
TALK IN ON 146.70
Any comments or articles contributed to
this newsletter should be addressed to
Clarence Snyder, W3PYF, Editor..717 Porter Street, Easton, PA 18042-1548

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