

# Connecticut Valley FM Association Inc.

## September Issue 1993

### **The President's Corner**

I am going to miss our regular editors this month. Reed is away on his sailboat somewhere in Maine and Sandy is off on a cruise and Darrel is off to Alaska. SO - to have an issue out on time I volunteered to do this issue.

The Board has held several meetings since the last issue of this newsletter and some interesting items have been taken care of at these meetings. The board agreed to allow me to ask Leigh and Ham to be a nominating committee to obtain officers for next year. Nominations from the floor will still be accepted but it is a little more businesslike to have a slate of people who agree to taking office in advance. I will not be running for President again. I like the job but find that driving at night is becoming a problem as the old eyes are not as good as they used to be. It has been a good year and the other officers have been great to work with and it is just the fact that I think I better quit while I am ahead.

The board voted to go ahead with plans for a 440 repeater and authorized Rudy to expend up to \$1,600.00 for a satisfactory transceiver. At the end of the year we can consult our funds and possibly expand the money we can spend to include a control unit. Anyway we are committed and on the way.

The board agreed to ask Polly to seek help for the entertainment committee. Polly is a one person committee at the present time and we felt she should have help. Will someone volunteer to help Polly. If Polly should get sick, or go on an emergency trip we would badly need someone to be able to step in and help.

We need a Scholarship

committee to oversee our scholarship program. We appointed Butch Ekstrom as Chairman and asked him to select two other members to work with him.

Luther Small and Amy Fournill were the two recipients of this years awards. We thank the committee for their valuable work in picking these two deserving young folks for this years award.

The board agreed to let Rudy make decisions as the the public service use of the repeaters. We occasionally receive requests for the use of the repeater for walking groups or cycling groups between board meetings. It was inconvenient to give a prompt answer so we felt that we need someone that could give an immediate response.

Please note that there is a new date for the next Pot Luck dinner and meeting of CVFMA. Due to scheduling problems we now have Oct. 17 as the date. PLEASE NOTE THIS CHANGE.

Last issue puzzle answers. The puzzle - a box and its contents cost \$1.10. The contents costs \$1.00 more than the box. How much did the box cost? It cost \$0.05.

The next one, cycle, cycle, cycle was Tricycle!

R/E/A/D/I/N/G is reading between the lines.

Finally STAND/I is I understand.

A few more for you puzzle fans - A man sold a pig for \$63.00 He was paid with 6 bills - no ones! How was he paid?

Dawn needed 8 gallons of water for her plants. She gave Lem a 5 gallon and a 2 gallon pail. How did Lem do it in the fewest trips to the well?

## NORWEGION MEDICAL TERMINOLOGY

Artery - The study of paintings.  
Barium - What you do when CPR fails.  
Cesarean Section - A district in Rome.  
Colic - A sheep dog.  
Coma - A punctuation mark.  
Congenital - Friendly.  
Dilate - To live longer.  
Fester - Quicker.  
G.I. Series - Baseball games between teams of soldiers.  
Grippe - A suitcase.  
Hangnail - A coathook.  
Medical Staff - A doctor's cane.  
Morbid - A higher offer.  
Nitrate - Lower than the day rate.  
Node - Was aware of.  
Outpatient - A person who has fainted.  
Post-operative - A letter carrier.  
Protein - In favor of young people.  
Secretion - Hiding anything.  
Serology - A stuy of English knighthood.  
Tablet - A small table.  
Tumor - an extra pair.  
Urine - opposite of you're out.  
Varicose veins - Veins that are very close together.

## Club News

Robert Mooree reports that the Brattleboro club is restarting and meets on the 2nd and 4th Tuesdays of the month. They are active now and will supply a radio crew for the Oct. 3 March of Dimes in Putney VT. Also on the same date they will supply a radio crew for the Springfield Diabetic March. It is nice to see a club reactivate and then get active in Civic affairs of the state. Congratulations to all of you.

Bob also reports that Dawn in Keene will need help with the Meadowwood Fire Dept. The Brattleboro group will help and if you can help please get word to Dawn.

Bob reports there are 12 to 15 in the club now with K1YLF as the President of the club. Good luck to all of you - may your club prosper.

## Thank you

The following are "Thank you" letters from our scholarship recipients.

Luther Small writes "Dear Mr. Daley: Thank you very much for the Scholarship money I was awarded from the Connecticut Valley F.M. Association. It was greatly appreciated and will help purchase books and Lab Fees. Sincerely  
Luther Small

Amy Fournier writes: I would like to thank you for the \$250 scholarship. This award will be a great help to me in the future, and I appreciate your help. Thank you.

Amy V. Fournier

## Upcoming Events

Sept. 11 - 13 ARRL VHF QSO Party  
Sept. 11 CVFMA test session/Sugar River Savings Bank - Newport, NH  
Sept. 18 Noon - Sunapee State Park - Picnic.  
Oct. 2 Saturday - 10 AM SAMRATS Breakfast - Chubba's in Newport NH. Polly needs reservations for this one. SAMRATS are switching from the last Saturday of the month to the First Saturday of the month.  
Oct. 17 Noon - General Meeting and Pot Luck lunch at Sugar River Savings Bank in Newport.  
Nov. 6-8 ARRL CW Sweepstakes  
Nov. 20 - 22 ARRL Phone Sweepstakes.  
Dec. 3 - 5 ARRL 160 Meter Contest  
Dec. 4 CVFMA test session Sugar River Savings Bank, Newport  
Dec. 11 - 12 ARRL 10 Meter Contest



**Mail Received**

We have received two club publications in July. We thank the Central New Hampshire Amateur Radio Club and the Burlington Amateur Radio Club for copies of their very fine publications. I am using a Macintosh LC II computer and the Works Program to do this issue of the Newsletter. The fine quality of the above two publications puts my efforts to shame. I need to take lessons from the experts. Thank you very much editors, of the above publications - they were most interesting and informative.



### The Directors Column

I would like to remind those using the talking S meter to please announce your call, saying "testing", press 73 and your touch tone pad, and release the mike button. After you receive your report announce your call. This will be a big help to the repeater trustee, Rudy and the control operators.

I checked the cost of a bus trip to the ARRL Headquarters at Newington, Ct. sometime this fall. The cost per person would be between \$17 to \$18 and we would need 44 people to sign-up for this trip to make it a success.

Anyone interested in going on this trip, please contact me or any member of the Board of Directors. Why not plan on attending the General Membership meeting on October 17 at the Sugar River Savings Bank in Newport, NH. This is a pot luck dinner and is the annual Election of Officers. Hope to see you there

DE MARLON KA1SMC  
Director at Large

ed's note - This would be a great trip and a good chance to see the ARRL Headquarters. Talk it up and let us know. Let's all GO !

### Vermont section news Field Day - 1993

Field day in Vermont set new records for participation. The largest group (65) operated with the Central Vermont ARC (W1BD-2A). Their secret is to get a lot of the young hams to do the operating. Up in Williston, the Silicon Junction Radio Club teamed up with Radio Amateurs of Northern Vermont to put WT1L on in the 2A category. Some 30 people helped to put the 14 antennas, 9 radio operation on-the-air, which featured both competitive and laid-back operating positions. Way up north, Border ARC made their first foray in Field Day as they teamed with the Townshippers RAC (VE2CLD-4A) for a truly international Field Day just over the border in Abercorn, PQ. I don't know much about how Field Day went for Champlain Valley ARC (W2UXC-3A) in Plattsburg, NY. but their "Media Blitz" on WPTZ-TV was superb. Lyndon State Alumni ARC (KD1KB-1A) got together for their own Field Day outing in Ferrisburgh at KC1MP's camp. Other Field Day groups active: Addison Co. ARA (WE1U-1A), Amateur Radio Associates (KC1BT-2A) Burlington ARC (W1K00-2A), Southern VT ARC (WV1P-4A), Brattleboro ARC (NY1F-2A), Green Mountain Wireless Society (NN1D-2A). Twin State ARC (W1FN-2A). Close to 300 people were involved in Field Day in Vermont. Not a Bad Turnout, considering we had only 3 groups a few years ago !

### NEW ENGLAND CABINET MEETING

The New England Cabinet, consisting of the Director, Vice-Director, Section Managers, Committee members and club presidents, met July 10 in Manchester NH. A number of items were discussed concerning Amateur Radio and the ARRL.

1. Club Call Signs. The ARRL is applying to be a club call sign administrator with the FCC. When this is approved the ARRL will be able to issue special call signs to clubs. These calls will be in the NA1... block in New England. There should be a great deal of interest in Vermont, where most of the clubs Do Not have their own call sign. Announcements will be made when the program starts up.

## 2. New England Division Operating Award.

A committee is studying how to structure a basic operating achievement award for new technicians. The main idea is an award for working 10 New England Counties on any mode, repeater or packet, with endorsements all the way to the full 67 counties in New England. Do you have any ideas how you would like to see such an award structured? Please let your Section Manager know.

## 3. Other FCC Matters

Amateur access to 219-220 MHz for digital linking is looking good so far, but we will have to await final word from the commission. The Novice program has been folded into the VE system. General class amateurs are eligible to become Volunteer Examiners, who can test Novice and Technician class applicants. The FCC is looking into instant licensing, whereby the VE team uploads the exam information via modem to Gettysburg. However, this will not be on line until well into 1994.

## 4. HF Digital Operation..

There was discussion about allowing attended (operator present) digital operation outside the specified digital bands on HF. These bands are set aside for automatic forwarding operations. The group felt that another band segment be set aside for attended digital operations, but not to make it a Part 97 requirement. (eds note: This should be interesting.)

## VERMONT'S FIRST SPECIAL CLUB

Congratulations to the Central Vermont ARC for qualifying to be Vermont's first Special Service Club (SSC). To become an SSC, a club must meet fairly stringent requirements in 6 areas. An SSC gets several additional perks from the ARRL, and more importantly, is recognized as a leader among clubs. In addition, the process of qualifying for SSC will make your club much stronger. If you are interested in this program contact Club Coordinator WA1ITZ.

## ARES/PUBLIC SERVICE ACTIVITIES

I want to acknowledge the hard work of a committee of hams who have been looking

into the details of running a first class ARES organization. The Northwest Vermont ARES Committee consists of DEC N1EPO, NY1V, KC1WH, KA1NRR, and N1IAK. I gave them the very detailed and complicated tasks of putting together the whole ARES picture in NW Vermont. Through their bi-weekly meetings, 6 events have been organized, a public service planning manual has been produced, forums have been presented, and work is underway for a training program, operator's directory and emergency response plan. I am pleased with the strides made by this group and am recommending that all of the Vermont ARES districts adopt a similar structure.

Here is a rundown of the ARES Public Service Events this year:

1. Walk America. This was truly a statewide effort, as hams from every corner of Vermont pitched in to watch over the walkers.
2. Tour de Cure. The Burlington event jumped to over 500 participants, making the logistics a real nightmare. Several bicycle accidents in both the Burlington and Bennington rides were reported by amateur communication, getting help that much sooner.
3. Hershey Ham Radio Field Day. ham radio connected a track meet between Burlington's Hunt School and Ferndale School in High Point, NC. A transceiver to a dipole across the school yard was used to relay race results on 20 meters. More importantly, the station was on display to the entire 6th grade class who were VERY interested.
4. Vermont City Marathon. This is another event that keeps growing each year, and with it, the commitment of amateur radio to keep things safe for the participants.
5. Tour de Sol. We were fortunate to have this alternative energy car race across Vermont this year. While hams in the Central district had some tough terrain problems, hams in the NW district contended with the radio dead spot known as Waterfront Park in Burlington. The solar cars contended with little or no sun! It was quite an interesting event, but the communications were near flawless.

6. Lake Champlain Classic. Logistically, this should have been a fairly easy event as there were a small number of participants and the route was saturated by repeaters. However, it took place on Field Day weekend, creating a recruiter's nightmare. Somehow the right number of hams showed up and provided the support for the event.

7. Unplanned Events. Remember the blizzard? We had close to 80 people involved in that situation, in one manner or another. We were lucky - we were either spared the fury of the storm, or we really know how to live with blizzards.

#### VERMONT AMATEUR RADIO COUNCIL

The next Council meeting is October 9 in Rutland. I urge reps from every club to attend.

What does VARC do? Well, just to get the discussion going:

1. Organize a statewide convention.
2. Publish a statewide newsletter.
3. Sponsor an operating activity.
4. Organize a fundraising for a scholarship.
5. Organize a network of linked repeaters.
6. Organize a statewide club meeting via use of satellite classrooms.
7. Whatever else you think is a good idea.

In other words, we have formed the organization, now let's go out and do something that's useful and fun. !!

73, Mitch WB2JSJ SM VT

#### CVFMA VE CORNER

The remaining CVFMA VE sessions at the Sugar River Savings Bank, Newport, NH are:  
Sept. 11, 1993 - Dec. 4 1993

Doors open at 8 AM and close at 8:45 AM with testing starting promptly at 8:45 AM.

As a reminder, to obtain a Novice license, you must take the test at a VE session (as of July 1, 1993 by the FCC rules.)

Please remember to bring the following with you:

1. Your original FCC License (if already licensed)
2. A copy of your original license.
3. The original of all CSCE's you are claiming.

4. Two (2) positive forms of identification. (One with a photo)

5. \$5.60 if other than for a Novice exam.. If paying by check, make it out to "ARRL/VEC"

For further information please contact me at: 603-543-1389.



73,

Conrad /WB1GXM

#### Gears Happenings

Well, it's that time again. Reading

and writing and radio will start up again at the Goshen-Lemster Coop School, Lempster, NH.

Chris Gonyea, one of last year's GEARS graduates, is now on 10 meters from Goshen, NH. At last report he has made his first contact on HF and looking for more. The way to go, Chris!

As time permits, I'll be adding a 5 band vertical to the GEARS antenna farm. It will give us access to 40 and 80 meters and the school nets there. So, if you're on during the day, look for us in the General portion of those two bands. The kids would love to talk to you.

During the summer, I've been in contact with schools across the country, setting up school projects using Amateur Radio. They will startup in September and run to January or June of 1994 depending on the project.

On the third Thursday of each month look for a school net on 76, between 2-3 PM. As a reminder, there are at least eight Schools Operating Amateur Radio in range of Ascutney. Some of the educators doing this are: NOCUH, K1LQK, KA1TNC, WB1GXM, NY1F, K1YOT, N1NPP, K1ADQ, KA1YUB, and others.

Do you know of a teacher in your area, that's a licensed Amateur and is looking for information on how to include Amateur Radio in his or her classroom? Have them contact me for a copy of my "SCHOOLS OPERATING AMATEUR RADIO" teachers manual.

The regular Novice class will start up in September. If you can lend a hand in some way please contact me via 76, Packet, or by phone. The kids would love to have an Elmer or two.

In the works for the first time this year, is "RADIO NIGHT". It will be an open house for parents and area amateurs. (Bring your QSL

card.) Some of the activities will include a fox hunt, CW demo., Packet, HF operating and more. Come on down and see what the GEARS kids are doing. More specific details will be announced later.

That's all for now.....Hope to hear you on the bands.

73. WB1GXM/GEARS Advisor.

### **NHARA Release**

Date: 18 August 1993  
To; NHARA Club Members  
From; Chet Bowles, AA1EX

Subject: National Testing Day

Did you know that Saturday 30 October 1993 is NATIONAL AMATEUR RADIO EXAM DAY? Is your club planning to offer exams that day? This might be a good way for your club to start the fall season.

It is not too early to begin thinking about publicity and news releases for your testing sessions. But plan your release carefully - mostly newspapers will publish an article only once. Therefore, you want to plan the timing of your release for maximum exposure. (Chet enclosed a release which I will send to Butch for his use.)

### **Here's Johnny**

The following is from The Communicator with Johnny Johnson's permission. (ed)

If you are thinking of updating your computer system and are confused with all the advertisements and letter combinations used in such ads do not feel alone as you have lots of company. While I am not an authority of computer jargon and lack the knowledge of space cadets, I will try to help you make a wise choice. First of all who made the computer? Is this machine a product or a garage or kitchen table operation? Be aware that unknown brands may have uneven quality and the organization may disappear. If the price is right this may or may not bother you. Ask when a sample machine was FCC tested for

its radiation classification. Remember, if you are a radio amateur and are concerned with spurious radiation a class B classification is your choice. Class A computers are used in industrial applications where RFI is not a problem. See if you can find someone who knows a friend or relative who may own a machine similar to the one you plan to purchase and ask him or her about service provided and reliability record. Often big sellers offer the same machine under different brand names.

Often stores may run an advertisement for say \$999 for a fast 486 machine and in very small type mention "monitor optional." Make sure the entire purchase price includes all the necessary hardware for take home, plug in, and have an operating system. If two power supplies are available I would recommend the higher wattage unit. It may well be worth the extra cost. Try to get as much free software as possible.

Much of the alphabet soup refers to a computer's central processor, or brain. At present the 486 chip is the current up to date model. A "dx" version is more powerful than an "sx" chip. The "dx2" being more powerful than the "dx" model.

A number followed by MHz refers to speed of the processor. Higher is faster and more expensive and desirable however, I would settle for anything like 20. VGA video is the standard resolution for IBM compatible s and adequate for home computing. SVGA means "super VGA" and provides better resolution. You will see "dot pitch" listed as a decimal number. Lower is better and according to Walter Mossberg in June 24, 1993 Wall Street Journal .29 or below is adequate.

Other abbreviations such as RAM cover computer's memory. MB being megabytes while KB represents Kilobytes. Strive for a 4 MB or more. VRAM is special memory for the screen, at least half a MB is advisable. Cache memory helps eliminate disk drive activity, look for 128 KB or more. Then there is HD (hard disk drive) memory and 100 MB is the least I would purchase.

Much of the above information was taken from the above listed paper and author. Each Thursday Mr. Mosberg has an excellent "down to earth" computer article that a computer illiterate

like me can understand.

At a recent Electronics Trade Show - Sony launched a GPS for about 400 bux. GPS being (Global Positioning System). This is a "red hot" little item a little larger than an amateur radio HT and will tell you where you are on this planet. I mean where you are within a couple of feet when you use some of the "add on" goodies. There are now 19 GPS satellites in space at an altitude of 11,000 miles out of a planned 21 satellites, so the system is not yet completed. With the "bare bones" box you can achieve 300 foot accuracy 95 percent of the time. This is within 30 seconds of turn on.

The key to greater accuracy is differential GPS. A differential station tunes into an incoming C/A signal and compares the position data with its known position that has been calculated down to a fraction of an inch. The two different positions are compared and every ten seconds a differential GPS correction message is sent to users. This circuit is via a Coast Guard radio beacon operating in the 1000 meter band or as a subcarrier on a major FM broadcast station. The radio beacon signal being used mostly by mariners while the FM subcarrier by police departments who want to know what side of a street and next to what driveway a patrol vehicle is located.

I have to make a few personal comments on the above. First off I have not heard any radio maritime beacons in the 285 to 315 KHz in the past few years. Last visit to West Quoddy Head light station 3 years ago I noticed the radio beacon antenna tower had been removed. The same is true for Cape Cod Light at North Truro which used to run 2 amps plate current at 3000 volts which is 6000 watts input. The amplifier was class A or AB1 so efficiency was down. I wonder where all those radio beacon stations are now located.

( eds note - thanks Johnny - good article. , )



## **This and THAT**

From the Burlington Amateur Radio Club's BARC NEWS - August Issue.

The FCC has ammended the Amateur Radio Service rules in order to allow Amateur operators more flexibility to provide communications for public service projects as well as to enhance the value of the Amateur Service in satisfying personal communications needs. The ammendment would allow the Amateur Service to expand its public service capabilities and to provide greater flexibility for personal communications.

The ammendment (allows) licensees to use Amateur Service frequencies to facilitate events such as races and parades to support educational activities and to provide personal communications such as making appointments and ordering food, to collect data for the National Weather Service, and to provide assistance voluntarily where there are other authorized radio services available.

The next step in this proceeding is for the FCC to issue a Report and Order which details the consideration given to the public comments of their proposal. The order will also state the new Part 97 Rules and its effective date. ( Best guess is Sept. 1, which would be about 30 days after publishing in the Federal Register. We understand that Section 97.113 of the Rules which covers prohibited transmissions has been completely rewritten.

### **OTHER FCC MATTERS**

Amateur access to 219-220 MHz for digital linking is looking good so far, but we will have to await final word from the Commission. The Novice Program has been folded into the VE system. General class Amateurs are eligible to become Volunteer Examiners, who can test Novice and Technician class applicants.

## CVARC Packet News

The Champlain Amateur Radio Club has 5 special awards that they present at the club's annual dinner meeting. Looks like this would be a great way to stir up interest in the club and its activities. We hope the winners will be happy at their selection!

(ed's note - A very nice Newsletter. Thank you to CVARC for including us in your mailing list.)

### An Explanation

When Rudy Adler proofread this article he found some duplicate material here. I was able to delete the material but I do not know how to back up the following material. Therefore there is an intentional blank space here. These computers are wierd!

## Technical Topics



Did you ever stop to think why an antenna is as long as it is?

To understand it we need to make some simple assumptions. We think of an automobile driven at constant speed and at the start and finish lines the car can turn around without losing speed. Suppose the car has a constant speed of 20 miles per hour. We want the car to be back at the starting line in exactly one hour. How far down the road can the driver go? - Let us see if we can develop a formula to solve this problem.

If we let  $D = S/2F$ ,

S is the car's speed. D is the distance the car travelled and F is the frequency. He made 1 round trip so  $F=1$ . Since the car is going 20 miles an hour and it goes for one hour the distance is  $20/2=10$ . The car went 10 miles down the road turned around and returned to the starting point.

Now suppose we tell the driver to make 4 round trips and return in exactly 1 hour. How far down the road does he drive?  $D=20/2 \times 4$  or  $D=20/8$  there-fore  $D=2-1/2$  miles.

Now lets compare this to an antenna. The electrons travel much faster at 300,000,000 meters a second. The Frequency is your transmitters frequency. It takes the electrons a bit of time to turn around at the end of the antenna - about 5% so we multiply the answer by 95% to get the antenna length. Let's see how it works.

Let's take a frequency of 4 MHz. Now  $F=4,000,000$  Herz.

$$D=300,000,000/4,000,000 \times 2$$

Using our trusty calculator  $D=37.5$  Meters. A meter = 3.28 feet so we multiply 37.5 by 3.28 and we get 123 feet. Since it takes electrons time to turn around we multiply this by .95 and we get 116.85 feet. This is the length of a half wave antenna cut for a frequency of 4 MHz. To convert this to feet and inches we multiply 12 inches by 0.85 and we get 10.2 inches. So our antenna is 116 feet 10.2 inches long. If you forget the antenna length formula you can always remember the car problem and from there arrive at the correct length of the antenna.

Hope I haven't confused you. All have a good summer and a super Fall. Hope you enjoyed the Newsletter and any errors are due to massive confusion at this house!

73 from Frank, NU1A one time editor.



FOR ALL THOSE BORN BEFORE 1945

WE ARE SURVIVORS!!!!!!

Consider the changes we have witnessed:

We were born before television, before penicillin, before polio shots, frozen foods, Xerox, plastic, contact lenses, Frisbees and the PILL.

We were before radar, credit cards, split atoms, lazer beams and ballpoint pens, before pantyhose, dishwashers, clothes dryers, electric blankets, air conditioners, drip-dry clothes--and before man walked on the moon.

We got married first and then lived together. How quaint can you be??

In our time, closets were for clothes, not for "coming out of". Bunnies were small rabbits and rabbits were not Volkswagons. Designer Jeans were scheming girls named Jean or Jeanne, and having a meaning relationship meant getting along well with our cousins.

We thought fast food was what you ate during Lent, and Outer Space was the back of the Riviera Theatre.

We were before house-husbands, gay rights, computer dating, dual careers and computer marriages. We were before day-care centers, group therapy and commuter marriages. We never heard of FM radio, tape decks, electric typewriters, artificial hearts, word processors, yogurt, and guys wearing earrings. For us, time-sharing meant togetherness--not computers or condominiums; a 'chip' meant a piece of wood; hardware meant hardware, and software wasn't even a word!

In 1940, "made in Japan" meant junk and the term "making out" referred to how you did on your exam. Pizzas. "MacDonalds" and instant coffee were unheard of.

We hit the scene when there were 5 and 10¢ stores, where you bought things for five and ten cents. Sanders or Wilsons sold ice cream cones for a nickel or a dime. For one nickel you could ride a street car, make a phone call, buy a Pepsi or enough stamps to mail one letter and two postcards. You could buy a new Chevy Coupe for \$600. but who could afford one; a pity too, because gas was 11¢ a gallon.

In our day, cigarette smoking was Fashionable, GRASS was mowed, COKE was a cold drink and POT was something you cooked in. ROCK MUSIC was a Grandma's lullaby and AIDS were helpers in the Principal's office.

We were certainly not before the difference between the sexes was discovered but we were surely before the sex change; we made do with what we had. And we were the last generation that was so dumb as to think you needed a husband to have a baby!

No wonder we are so confused and there is such a generation gap today!

BUT WE SURVIVED!!!!!!

What better way to celebrate?

Board of Directors and Appointees..Pres: NU1A/Frank; Vice Pres: W1GUA/Rudy; Secretary: KY1U/Sandy; Treasurer: KL7DN/Darrel; Director at Large: KA1SMC/Marlon; Editors: N1GEP/Reade and KL7DN/Darrel; VE Chairman: WB1GXM/Conrad; Entertainment: KA1III/Polly; Scholarship: N1GMC/Ted

The Connecticut Valley FM Association is an ARRL affiliated organization of over 160 mostly like minded Hams. The organization was formed in 1970. We maintain two mountain top repeaters. 146.76/16 on Mount Ascutney in Windsor, VT and 147.24/84 on Moose Mountain in Hanover, NH.

We also offer two yearly scholarships of \$250 each to a graduating high school senior from Vermont and New Hampshire. These two scholarships are "kept alive" **ONLY** by member contributions beyond the regular dues structure.

Two general meetings are held during the year, in April and October. The business of the group is handled by a Board of Directors which meets every other month. ALL members are invited and encouraged to attend and contribute to these meetings.

There are numerous social gatherings throughout the year, some scheduled and others of an impromptu nature. Many of us gather on the last Saturday morning of each month at 10 AM for a scheduled meeting of SAMRATS (Saturday AM Radio Amateur Technical Society). Every January the membership meets at the Homestead Inn in Walpole, NH for a dine out and eyeball.

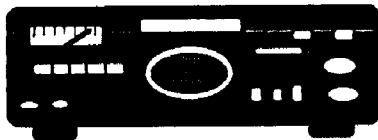
The club sponsors Field Day activities every year in either Vermont or New Hampshire. There are also three daily weather nets on the Mount Ascutney repeater at 6:30 AM, 5:30 PM and 10:00 PM. A weekly emergency preparedness net is held each Tuesday at 7:30 PM. We sponsor volunteer examination sessions quarterly at he Sugar River Savings Bank in Newport, NH. through our VEC, the ARRL. A newsletter is sent out quarterly.

All of these numerous activities require many man, woman, person, whatever hours of time and effort. ~~Won't~~ You give serious consideration to volunteering to serve Amateur Radio through the CVFMA in some capacity to help spread the work load and further the cause of Amateur Radio in our small part of the world.

CONNECTICUT VALLEY FM ASSOCIATION

POB 1628

Claremont, NH 03743-1628



CARL E SNYDER N1JRA 93

DAVID SNYDER N1LBZ 93

RFD #1/BX 57

CAVENDISH VT 05142-9706