



4-92

# Zero Beat

APRIL 1, 1992

Hampden County Radio Association, Inc

Springfield, Mass

Our 45th ARRL Affiliated year

Next Meeting:

Feeding Hills Congregational Church  
Feeding Hills, Mass  
Doors open at 7:30 PM. Meeting starts at 8

Friday April 3rd, 1992

Guest Speaker:

Farnsham Buckworth, Noted Author\*, founder of the  
"Yankee Amateur Women's Net" Speaking on:

## MORSE CODE; Ditty Bopping Your Way to Fulfillment in Life.

Demonstration will include:

How to manually form letters and punctuation!

How to use a straight key!

How to pass the 20 word per minute receiving test using a keyboard!

Difference between "di", "dit", "dah" & "dahhhhh"!

Using Morse Code to speak a foreign language!

\*FB has been published in many famous amateur radio magazines, some now defunct, including "QST"; "Radio Amateur's Topics"; "Licensed International Digital Specialists" & "Famous Amateur Radio Tricks" Articles include many you may remember:

- "The DX QSO: Why Bother?"
- "Using Postage Stamps to QSL"
- "Converting the Yaesu FT-1000 to an HW-100"
- "QLF- A Lost Art"
- "Win QRP Contests by Using a Kilowatt"
- "Getting a QSL from Silent Keys"
- "Left handed people CAN send Morse Code Somewhat"
- "Make Up Your Own Grid Squares and Improve your Contest Score!"

Door Prizes: Morse Code Copying Pencils to the first 25 people

**In This issue:**

- Transverters Explained*
- Get two Collector's QSL Cards*
- NASA Shuttle Frequencies for Easy Monitoring*
- Radio Terminology for Newcomers*
- And More.....*

**Upcoming Events:**

- Spring Sprints*
- HCRA Flea Market April 26th*
- Club Banquet June 5th*
- June VHF Contest*
- Field Day '92*

## Transverters

By  
Al Carpin NA1W

My transverter requires +30 Dbm of power to drive it. How many watts is that? what is a Dbm anyway? The above questions are the most frequently asked by newcomers to this type of VHF/UHF operation. a transverter is nothing more exotic than a transmitting and receiving converter linked together, to provide T/R switching. A two meter version would contain a crystal controlled local oscillator operating at 116 Mhz. This is fed into a mixer combining with your 28 Mhz signal generated by your HF transceiver resulting in the 144 Mhz signal. (116 plus 28 = 144!)

Using a transverter ahead of your HF rig will give you a station far superior to any of the present multimode rigs. You will have all of the HF rig amenities plus filtering which are non existent in all the VHF/UHF multimodes.

What is a Dbm? This power level is always referenced to 1 mw. To be exact it is an RF voltage of .225V across a resistance of 50 ohms.

0 Dbm = 1mw; 3 Dbm = 2mw; 6 Dbm = 4mw;  
9 Dbm = 8mw; 12 Dbm = 16mw; 15 Dbm = 32mw;  
18 Dbm = 64mw; 21 Dbm = 128mw; 24 Dbm = 256mw;  
27 Dbm = 512mw; 30 Dbm = 1024mw

Therefore if you need +30 Dbm of drive the power required is 1.024 watts. 1 watt will do just fine. If your radio produces 5 watts minimum, to reduce it to 1 watt requires use of an attenuator. A 3 Db pad will give 2.5 watts, a 6 Db pad will be 1.25 watts and 9Db would leave .75 watts. A 7 Db pad will give you the 1 watt required. Due to the high conversion gain of most transverters, the pad can be left in the line in the receive mode with no noticeable degradation of the signal.

If you are interested in serious weak signal or contesting on VHF/UHF/microwave, consider using a transverter. A simple switch box will allow the use of multiple bands with one HF transceiver.

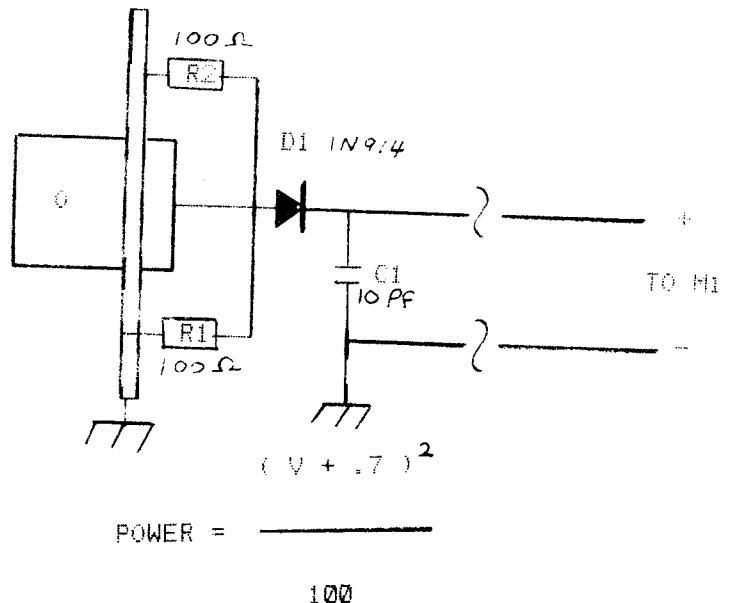


Club Annual Meeting & Banquet  
Friday June 5th  
at the "WhereHouse" in Holyoke.  
Same location as last year!

## Simple Power Meter for Up to 3 Watts

By  
Al Carpin NA1W

Here is a schematic for a simple power indicator allowing you to measure power levels up to about 3 watts. Parts required are (1) BNC or N connector, (2) 100 ohm 1/4 or 1/2 watt resistors, (1) 1N914 diode, (1) 10 pf capacitor and about 3 feet of 2 conductor wire. Any wire will do as there is no RF present. The resistors should be matched to present a 50 ohm load to the RF. The power indicator can be any digital or high impedance volt meter that will read 20 volts DC. Keep the component leads as short as possible.



## ARRL VHF/UHF SPRING SPRINTS

All sprints are short duration contests on ONE band! Times are 7 to 11 pm local. Dates and bands are listed below. Remember, your score counts towards the club award. See you on the air!

144 Mhz Monday April 6th  
222 Mhz Tuesday April 14th  
432 Mhz Wednesday April 22nd  
902 Mhz Friday May 1  
1296 Mhz Thursday May 7  
2304 Mhz Thursday May 14

50 Mhz Saturday May 23rd 2300Z  
to Sunday May 24th 0300Z

Exchange is grid squares.

## VEIVAS Update

Editors Note...You'll recall Art Zavarella's article in February Zero Beat about visiting the Marconi Memorial station at Glace Bay, Nova Scotia. Here's the letter from the control op listing times and frequencies of operation, so you can get that special QSL card for your collection and pick up a second super QSL card in April!

Dear Art,

Sorry I missed you and your family on your visit to the Marconi Exhibit Center, Glace Bay.

The Exhibit Center opens this year June 1st and closes September 15th. I will operate the station and I hope to have more amateurs from the local area join in. The frequencies most used are 14015; 21015; 28015 on CW and 14185; 21285; 28285 on SSB. I generally operate in the afternoon about 1300-1600 EDT. The station will be operating for a 24 hour period on April 25th, 1992 from 0001-2359 UTC with the special callsign VE11MD (International Marconi Day). Hope you and your family visit us again.

Good luck and good DX,  
Bill Appleton, VE1DM



Sell your surplus or unwanted radio and computer gear through an ad in Zero Beat! It's free to club members, \$2.00 for non-members. Mail your ad to:  
Jeff Duquette K1BE, Editor  
18 Anvil Street  
Feeding Hills, MA 01030

### VHF UHF MICROWAVE Activity Night By Fred Stefanick N1DPM

I have received a lot of input from the membership regarding the activity night. Most of you feel it would be best to start on 6 or 2 meters. So we designated a starting frequency of 144.175 usb. No one objected to the 8 to 10 pm window so see you at 8 pm. The night that was most often mentioned after "It doesn't matter to me" was Tuesday, so see you Tuesday night, 8 pm on 144.175!

I think it would be harder to control as a "net" with a "net control station", so consider it a big roundtable and jump in. Keep in mind who gets it after you.

Because two meters is reliable, we won't move the entire group up to the higher ones. Feel free to QSY to other bands and take with you anyone who's interested. I encourage you to QSY to the calling frequency of the band you're going to. It may attract DX or at least the people who are on that band.

I think this will be a lot of fun, and will help the activity level. Just remember, it won't work without your participation! See you Tuesday nights at 8 pm on 144.175!

## MICROWAVE TRANSVERTERS

**SHF SYSTEMS** No tune linear transverters and transverter kits for 902, 1269, 1296, 2304, 2400, 3456 MHz. All use 2m i.f.g13.8V. Kits include mixer and L.O. P.C. boards, xtal and all components. Built units include I.F./D.C. switchboard, connectors and compact low profile housing. Other frequency options in amateur band available.

SHF 900K	902-906 MHz	50mW	Kit \$139	Built \$285
SHF 1240K	1296-1300 MHz	10mW	Kit \$149	Built \$265
SHF 1269K	1268-1272 Oscar Mode L	10mW	Kit \$140	Built \$255
SHF 2304K	2304-2308 MHz	10mW	Kit \$205	Built \$325
SHF 2401K	2400 MHz Mode S rcv Conv		Kit \$155	Built \$255
SHF 3456K	3456-3460 MHz	10mW	Kit \$205	Built \$325
SHF LOK	540-580 MHz L.O.	50mW	Kit \$ 68	

## MICROWAVE AMPLIFIERS from DOWN EAST MICROWAVE

### Linear Power Amps

for SSB, ATV, FM, 902—1296—2304—3456MHz

2304 PA	10mW in 5W out	1240-1300 MHz	\$140
2318 PAM	0.5W in 18W out	1240-1300 MHz	\$215
2335 PA	10W in 35W out	1240-1300 MHz	\$325
2340 PA	1W in 35W out	1240-1300 MHz	\$355
2370 PA	5W in 70W out	1240-1300 MHz	\$695
3318 PA	1W in 20W out	902-928 MHz	\$275
3335 PA	14W in 40W out	902-928 MHz	\$335
1302 PA	10mW in 3.0W out	2304 MHz	\$400
901 IPA	10mW in 1W out	3456 MHz	Write or Call

T/R Switching available, all 13.8 VDC

**Low Noise Preamps & preamp kits**—432, 902, 1296, 1691, 2304, 2401, 3456 MHz, 5.7 and 10 GHz.

33LNA	preamp .8 dB NF 902 MHz	13.8V	\$ 95
23LNA	preamp .6 dB NF 1296 MHz	13.8V	\$ 95
13LNA	preamp .7 dB NF 2300-2400 MHz	13.8V	\$130
1691LNAP	preamp 1 dB NF 1691 MHz mast mounted	13.8V	\$140
4017LNAK	preamp kit 400-1700 MHz	.6 dB	\$ 40
Preamp kits for 2304-10 GHz			Write or Call

## MICROWAVE ANTENNAS

Available at HCRA April 26th  
Flea Market!

Loop Yagis, Power Dividers, Stacking Frames, Complete Array of 902, 910, 1269, 1296, 1691, 2304, 2401, 3456 MHz. For Tropo, EME, Weak Signal, OSCAR, ATV, Repeaters, WEFAX, Commercial point to point. Available in kit form or assembled and tested.

3333LYK	33el loop Yagi Kit	902 MHz	18.5 dBi	\$ 95.00
2345LYK	45el loop Yagi Kit	1296 MHz	21 dBi	\$ 95.00
2445LYK	45el loop Yagi Kit	1269 MHz	21 dBi	\$ 95.00
1844LY	44el loop Yagi (assem.)	1691 MHz	21 dBi	\$105.00
2355LYK	55el Superlooper Kit	1296 MHz	22 dBi	\$108.00
1345LYK	45el loop Yagi Kit	2304 MHz	21 dBi	\$ 79.00
945LYK	45el loop Yagi Kit	3456 MHz	21 dBi	\$ 79.00

Other models available. Call or write for catalog.

## DOWN EAST MICROWAVE

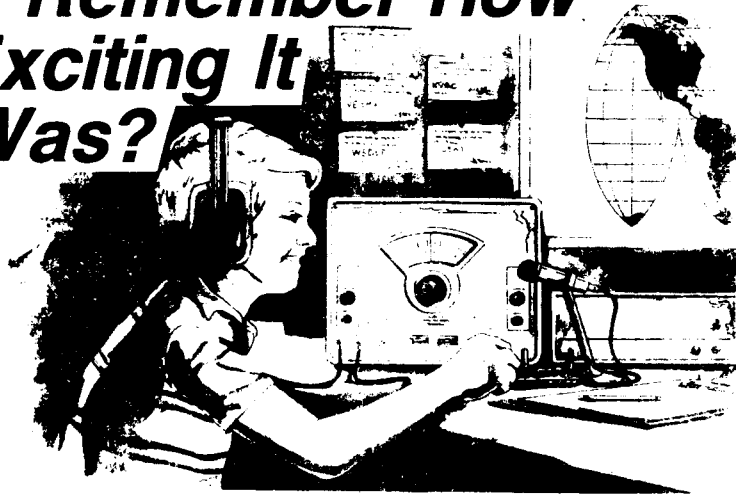
Bill Olson, W3HQT

Box 2310, RR1 Troy, ME 04987

(207) 948-3741

FAX: (207) 948-5157

# Remember How Exciting It Was?



One of the Many  
**GTE** Radio Amateurs

# WIDL

Correspondence

Dear Jeff,  
What a clean, neat club bulletin!! Received a copy from Fred Gore, KA1TBS, and will show it off to the Framingham club. Good luck - see you at the Southwick and Framingham flea markets. 73, "Julie" WIDL and Sylvia

P.S. The artwork above was part of an ad in 1983 for RF/analog engineers that was in "Boston Globe" and "New York Times"

## New Hospital Emergency Radio Center

By  
Bob Stephens W1MM

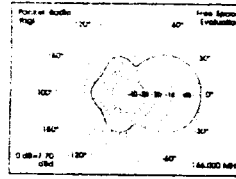
The L. Albert Webb Emergency Radio Communications Center at Holyoke Hospital opened with great fanfare on February 25th. Al has worked very hard to initiate and implement this project, and the results add to his reputation as an outstanding volunteer and friend of Holyoke Hospital. Biff Simpson, N1EMY has also contributed time and effort to this center.

Bob Barrett, and I attended the grand opening. The hope is to establish a net of area hospitals for emergency communications. Simplex works fine to Belchertown, Northampton, Springfield and other area hospitals, but most of the others have no permanent equipment installed. Al Webb's callsign, W1HOD, is well known to all HCRA members.

ZERO BEAT is happy to print notices from other club's goings on. However, the editor requires it in writing, due to past unfortunate occurrences! His address is: Jeff Duquette, K1BE; 18 Anvil Street; Feeding Hills, MA 01030-1530

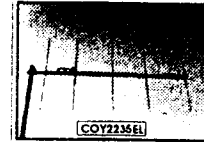
\$64.95  
Two Meter Yagi  
Great For Packet  
Radio or FM

Measured Gain 7.5 dBd



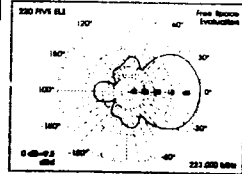
H-Plane beamwidth 60 deg  
Bandwidth 144.5-147.5 MHz  
SWR < 1.7 at Band Edge  
Impedance 50 ohm  
Silver Plated Teflon SO-239  
Maximum Power 500 Watts  
Chemfilm Treatment On Brackets  
Balanced Matching System  
Two Part RTV Potting  
Black Delrin Insulators

Measured Gain 9 dBd



223 MHz Yagi  
Optimized  
Design

H-Plane beamwidth 55 deg  
Bandwidth 220-224 MHz  
SWR < 1.7 at Band Edge  
Impedance 50 ohm  
Silver Plated Teflon SO-239  
Maximum Power 500 Watts  
Chemfilm Treatment On Brackets  
Balanced Matching System  
Two Part RTV Potting  
Black Delrin Insulators



RUTLAND and COY Antennas  
Available from:

Fred Gore KA1TBS  
40 Birchwood Road  
Southwick, MA 01077

413-569-3579

Master Card/ Visa accepted

## FLEA MARKET FRAMINGHAM AMATEUR RADIO ASSOCIATION

SUNDAY APRIL 12TH  
Framingham High School  
Concord St; Rte 126  
Framingham, MA  
Doors open for general admission 10 am  
Sellers only at 8 am  
VE session at 11 am

Tables : In advance \$12.00

General admission: \$2.00

Talk-in: 147.15  
For more information:  
Jon, K1VVC (508) 877-7166

## Radio Terminology for the Newcomer

By

Tom Shelton, AA6M

As a newly licensed Amateur Radio Operator, studying to upgrade my privileges, I had a very hard time comprehending different electronics terms. I did a lot of research in my local library and discovered some little known facts about electronic terms. As I began to teach novice classes I found that many other people also have a tough time understanding these terms. I hope that this article will help towards that understanding.

One of the most often nrgy VEESWARs, they are sent, by your ANTENNA into another dimension. There they wander aimlessly until they are sucked back into this dimension by someone else's ANTENNA

A term that has been around since Renaissance times is "dB." When English was being ey are so small that they can only be seen with a scanning electron microscope. The VSWR ratio shows how many VEESWARs will feed on a single WATT of power. A well nourished VEESWAR needs to consume only a single WATT to remain healthy. VEESWARs that are not taken care of will require more WATTs to stay alive. For example, a community of VEESWARs that consume three times the necessary amount of WATTs has a ratio of 3:1. But a community of VEESWARs that consume only what they need to survive will provide a ratio of 1:1. To make sure that your pet VEESWARs don't turn into malnourished third-world VEESWARs, you need to take every precaution not to allow your VSWR ratio to rise above 1.5: 1.

WATTs are also small creatures that travel through your coax to feed and graze. These cattle-like animals are very lazy and will take the easiest route available to obtain their food, which we call ground. Groundround is a favorite food of humans. In the same manner, ground-loops are a delicacy for WATTs. In order to obtain this sweet treat, WATTs will blow a hole in the side of your coax WATTs were given their name by a CB'er who asked how much power an Amateur hand-held took to access a repeater. He wasn't very smart, and when told the power he responded "WATT?" The name and the spelling took and we owe this term to that anonymous chickenbander. Many Hams believe that their ANTENNAS actually send their electronic signals into the atmosphere to bounce off the ionosphere and eventually end up in some foreign land. Nothing could be further from the truth. ANTENNAS are actually cleverly designed metaphysical devices that tap into the combined energy of being. This energy was best described as the "force" in the StarWars trilogy. When WATTs travel through your coax, evading the hungry VEESWARs, they are sent, by your ANTENNA into another dimension. There they wander aimlessly until they

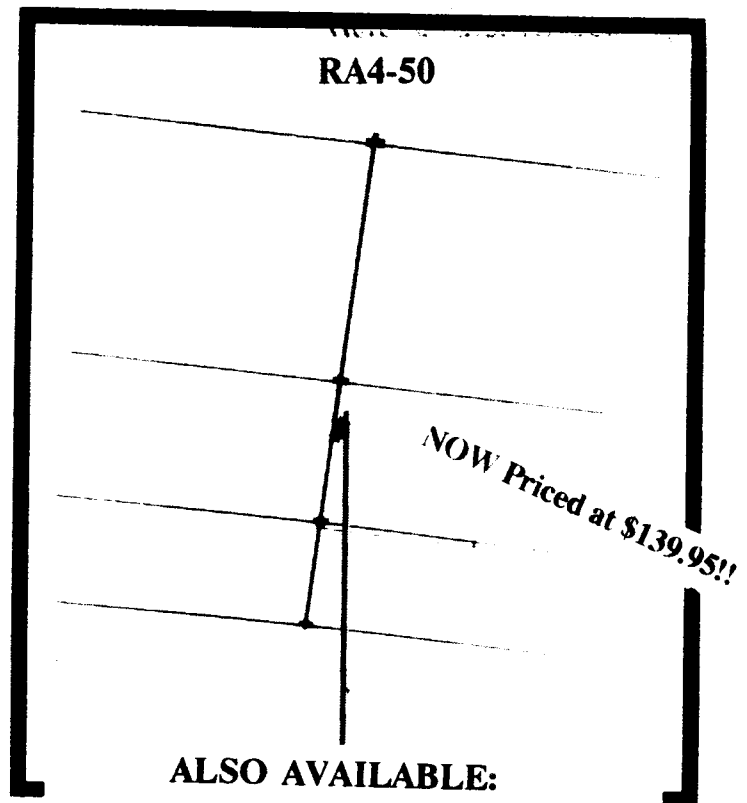
are sucked back into this dimension by someone else's ANTENNA

A term that has been around since Renaissance times is "dB." When English was being formed from Germanic origins the terms "hammer" and "dumbbell" were interchangeable. As the science of electronics was developed, early experimenters looked for a term that would describe the level of power being absorbed by their ANTENNAS. One person equated the level of received energy to "being hit by a sledgehammer." An S-unit refers to the Sledge factor. Anything over a S-9 (equal to a 9-pound Sledgehammer) is given in dB, which represents the dumbbell factor. So 20 over S-9 would be equivalent to a nine pound sledgehammer plus 20 dumbbells.

Understanding these terms will help Hams run their stations more efficiently. This will keep other dimensions uncluttered, keep our limited supplies of VEESWARs in good health, and prevent sledgehammers and dumbbells from falling out of the sky.

The Short Circuit W6SD CARRIER

## RUTLAND ARRAYS



ALSO AVAILABLE:

RA7-50  
RA8-2UWB FO22-432 FO25-432  
FO12-144 FO22-ATV F033-432  
FO15-144 FO16-222 FO11-440  
Power Dividers Stacking Frames



# **Sint Eustatius Amateur Radio Society**

**P.O. Box 88, Sint Eustatius, Netherlands Antilles**

Sunday 1 March, 1992

## **MORE CQ DX**

By Bill Hall, PJ5JP

Hi, Gang. Some of you might remember me as K1RPB or W1JP. A little while ago, actually in December, Paul, W1ETH sent me a copy of Zero Beat, a newsletter that I wrote and edited in the 1960's. This was the issue where Jeff Duquette's article "Long Ago but not Forgotten" was republished, and Bob McCormick's interesting story "CQ DX" appeared. Bob's story reminds me a bit about our experiences here on Statia, and I thought I would give you, the readers a chance to catch up with our lives. To begin with, and to add a bit of flavor, the Zero Beat that Paul sent me by Air Mail, arrived in February.

We became permanent residents in 1988 and immediately applied for reciprocal licenses. Heather became PJ8CW, and I became PJ8JP. The number 8 covers the islands of St. Maarten, Saba and St. Eustatius, and signifies that the call is a reciprocal. Local licensees are issued PJ7 for St. Maarten, PJ6 for Saba and PJ5 for Sint Eustatius (Statia). Last September I organized a ham radio class for eight people. One dropped out but the others endured eight weeks of theory that I taught twice a week. The license structure and test requirements are the same as in Holland. I decided to let them concentrate on the "C" license, which is codeless, and allows for VHF operation. There are two elements, the first being an oral test of the rules and regulations (30-45 minutes) and the second being the theory. The level of competence is somewhere between the US Advanced and Extra Class. To qualify for the "A" license, the student must also pass a code test which consists of receiving and sending five minutes of plain text using a hand key at 12 words per minute. I have not used a hand key for 32 years and 12 WPM puts me to sleep.....my mind begins to wander, but I sat for the "A" license and passed it. Four of my remaining students passed the "C", including the first woman ever licensed by the Netherlands Antilles government. Her name is Carol and you might hear her as PJ5NB one of these days. Oh, as for the hand key. There was none on the island, so I made one out of wood, using a clothes pin as a spring loaded hinge, a copper penny and a wood screw as contacts and a cabinet pull as a knob. Heather? she decided taking the General Class exam in the U.S. was an experience that she would not like to have again, so she remains a recip licensee. Hers has to be renewed every year. It takes a long time

because the local licensing agency (LandsRadio) checks out validity of the applicant with the FCC each time. My license, PJ5JP is good for life. By the way, I am the only PJ5 in the world operating on HF. I am very popular in contests, but I have to miss the CW portion of the CQWPX this year. Heather and I do contests. She does the phone weekends, and I do the CW sessions. That way we can share the fun.

With the ham population expanding from four to eight, we formed the Sint Eustatius Amateur Radio Society (SEARS). I am the club secretary. We are incorporating under Netherlands law. As soon as that is done we might qualify for a government grant that can be as high as NAf 20,000\* (\$11,173.18 at the exchange rate) to set up a club station, repeater, etc. etc. to be used by licensed members. This station has to be ready and available for emergency communications in case of a natural disaster (we have hurricanes and earthquakes) or outage of regular systems. This seems like a lot of \$\$\$, and admittedly we don't have it in hand yet, but ham radio is much revered and appreciated in this part of the world, both by the governments and by the general public as well. Visiting amateurs are of course welcome to operate here using either a portable call (I was PJ5/W1JP for a while) which costs \$15 or a special 2x1 call like PJ5A which costs \$25 and is good only for a special event such as a contest. So much for ham radio. What do we do here? How do we pass the time? No problem, mon.

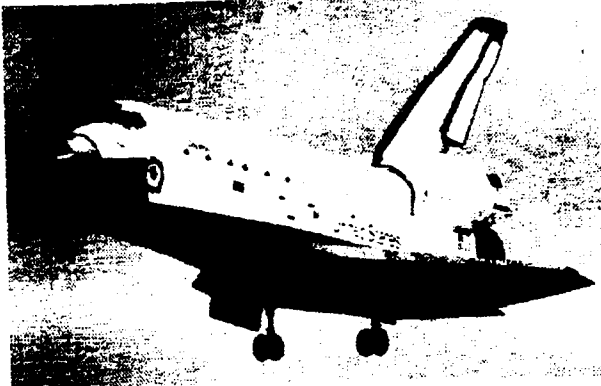
We normally get up at daybreak, which ranges from 5:30 to 6:30, depending on the time of year. After breakfast and a bit of NBC news we go out and work. I grow veggies for our own consumption and Heather grows the flowering and fruit bearing plants. The yardwork has been very time consuming, but it shows. We have a very beautiful yard. Heather also has regular housework, and I am into furniture making because you cannot buy that stuff here. Besides, I seem to be enjoying it. Last week I had to put up a 200 foot long seven strand barbed wire fence to keep unwelcome goats out. A major undertaking is the building of a very nice stone wall which is being done by a 79 year old gentleman whose name is Johannes Schrewhardt. We are also very much involved with the community. At this very moment, Heather is at the board meeting for the Handicap Center, where she is a volunteer. She is also active with the Sint Eustatius Historical Foundation. She is also taking a course in the Dutch language, and is doing very well at it. Queen Beatrix will be visiting in November, and Heather wants to be able to converse with her. On a small island (8sq miles and pop 1,800) everybody gets to meet royalty and high government officials from the central government. Can you imagine George Bush walking around Springfield visiting with people without Secret Service protection? Anyhow, after lunch and Dutch practice and maybe a little reading, we go into town to pick up the mail, the weather report (for the nightly weather net) and go for a swim. The water has been cold in January and February (74°F) so the swimming has been sparse. We bought and imported an 11.5 ft. rubber dingy with a 15 hp outboard and have been enjoying that. I did a lot of scuba diving last summer and



fall, hunting for lobster and fish and enjoying the view as I fall down. The reefs are untouched here, because diving and resource protection in the ocean is jealously guarded by the government and respected by the locals. We don't shoot sea turtles, and leave the reef and the sunken relics alone. After all of that activity, we typically fall into bed at 8:30 to 9pm.

We do surprisingly little operating here. This is partly because to get on the air is to create a pileup, and partially because we don't have any lousy weather to keep us indoors. I keep skeds on Mondays with K1BXE at 1040 on 14.190; with K1IJU at 1630 on 21.310; with W1QWJ at 1700 on 18.150. On Tuesdays W1ETH and I get together at 1730 on 28.555. I have a mailbox that is on 28.205 LSB 1200 bauds Sunday afternoons from 1600 to 2100. The call is STAFIA. I am also on nightly at 2230 on 3.815 reading the weather forecast. I usually do not do this on the weekends, though.

Well, it is time to quit. Drop a line or grab me on one of my skeds. 73 to all.



### NASA Shuttle Frequencies

This list is a general overview of NASA frequencies, and the amateur radio stations that retransmit the real-time shuttle communications, such as WA3NAN.

With the availability of good general coverage receivers, this list of HF stations on upper side band, (except where noted!), can be heard on the Eastern seaboard. All frequencies are in Mhz.

- 2.622; 5.810; 11.407 NASA Booster Recovery
- 2.678 Cape Radio Range
- 3.385; 3.395; 5.518; 6.783; 7.765; 14.456; 20.393 NASA Tracking
- 5.190 NASA Tracking Vessels
- 6.693; 6.708; 6.896; 13.170; NASA Aircraft
- 7.461 NASA Airport
- 7.675 NASA Kennedy Operations
- 10.780 USAF Cape "Primary"
- 11.205 NASA Pacific Operations
- 20.186; 20.191 NASA Tracking, Ascension Island
- 20.197 Ascension Island, LSB

Two amateur radio stations affiliated with the NASA centers routinely retransmit the audio portion of the earth/shuttle communications for non-classified missions.

Please be advised that not all of these frequencies may be in use at all times. If you don't hear anything, don't assume the frequency is not in use! Be careful not to QRM.

WA3NAN Goddard Space Flight Center, Greenbelt, MD  
3860; 7185; 14295\*; 21395; 28650

W5RRR, Johnson Space Center; Houston, TX  
3940; 7265; 14280; 21365; 28600

\*Easiest to hear on the East coast.

These retransmissions are provided as a public service. Enjoy and share with non-hams.

Thanks to John, N4XAN and also "The MARC News"

**SPACE SHUTTLE ATLANTIS**  
**MARCH 23-31, 1992**  
**DOWNLINK: 145.55 MHZ**  
**(DON'T TRANSMIT HERE!)**

**UPLINK: 144.91; 144.95; 144.97**  
**(TRANSMIT HERE)**

**W1AW Bulletins on 147.555 Mhz**  
**@ 9:45 pm & 12:45 am EST**

**For Sale: W2AU 2 element, triband beam; Tilt over, 3 section tower, 2 winches, concrete pad and attached to house. Doc Webb W1HOD 1-413-588-8881**

ON BOARD or ALL ABOARD

Many of you may or may-not have any idea of what it's like to be a BOARD MEMBER. As my two-year term nears fulfillment, I would like to reflect my thoughts.

The board meetings are held at one of eight director's or four officer's homes on the first thursday after the monthly club meeting at 7:30 P.M. They are open to anyone who wishes to attend and last for several hours with a break for refreshments. The agenda is set and run by our club President and Robert's Rules are followed. The Treasurer's, Secretary's reports along with old and new business, and committee responses for various club activities are presented. The Board also is entrusted with saving, making, and spending decisions with the club's money not necessarily in the presented order! These meetings are where the club meeting speakers are selected along with regular meeting agenda. Most club business is transacted here so as to have ample time for speaker, technical corner and social during our regular first Friday meetings.

As a board member I have had the opportunity to interface with Steve N1SR and Ken N01M (NOVICE -TECH CLASS INSTRUCTORS), Jim KC1ZJ (TECH CORNER HOST), Yorke K1BXE (VE LIASON), officials of the ARRL, members of the Agawam School Dept., directors of the Southwick Recreation Center, Art W1KK (Trustee of W1NY), Ron WB1ETS and Lil KA1MPS (meeting refreshments), Jeff K1BE (ZERO BEAT Editor), many of the past two year's speakers, along with officials of other radio clubs throughout New England and New York, and of course you, the H.C.R.A. Club members.

Many of you have called me with your ideas and suggestions for the club. It gives one great pleasure being able to serve the membership and club in such capacity being a Director of the Board of a 45 year old non-profit incorporation.

In closing I would like to mention what capacities our members partake to make H.C.R.A. such a great general interest radio club that it is. Look around and match the names, calls, faces to the: Officers, Board, ZERO BEAT Editor, fall auction, flea market, field-day, V. E. liason, V.E.'s, Tech. Corner, publicity, novice-tech class instructors, June banquet, Holiday social, meeting coffee/donut team, W1NY station trustee, W1NY BBS/RPTR operator, Z.B. writers, contest/election/awards/special committees, VHF-UHF Sweepsteaks rovers, those that pickup and deliver Z.B. from the printers, those that help fold, label, staple, and stamp this "Masterpiece", the tower-ant workers, those running to the League for books and contest logs, and W1NY contest operators/workers and chefs.

I hope that this will enlighten you to the great feeling that can be had while working with such a great group of fellow hams in a Board of Director's position. I'm certain someone somewhere has been left out so let me know who you are! Thanks for electing me back in June 1990. Hopefully I've served you well and I've loved every moment. A special thanks to Art, W1KK for having me consider running for a board position. 73 ditdit ditdit, Charlie K1II

# HAMPDEN COUNTY RADIO ASSOCIATION, Inc.

PO Box 482 West Springfield MA 01090-0482

## APPLICATION FOR NOMINATION FOR ELECTION TO OFFICE

I, \_\_\_\_\_,

(Print your name here)

(Callsign)

hereby place my name in nomination for election to the office indicated below:

(Circle one candidate office below)

President

Vice-President

Treasurer

Secretary/Clerk

**Director (2 year term)**

I certify that I am now, and will maintain my status as, a current regular member, and, if elected, will uphold the duties of the office and the standards of the HCRA.

\_\_\_\_\_  
(Sign here) (Date)

Return this form when completed to the HCRA Secretary/Clerk.

## 1991 CLUB OFFICERS 1992

President: NQ1C Bob Lafleur  
Vice-president: N1EPE Larry Lemoine  
Treasurer: N1AEH Greg Stoddard  
Secretary: N1DUY Jim Sebolt

### Directors:

K1CPJ Bob Cohen  
KA1QAS Scott Cohen  
K1II Charlie Dunlap  
NC1I Frank Potts

WA1YCA Tryon Cote  
WA1PLS Ed Goldberg  
KA1TBS Fred Gore  
N1DPM Fred Stefanik

Next Board Meeting  
Thursday April 9th  
Stan Hilinski's  
KA1ZE  
*Best of luck  
to Scott Cohen  
KA1QAS  
who recently underwent  
major back surgery*

Next Meeting:  
Friday April 3rd, 1992  
Ed Hare KA1CV from ARRL Lab  
speaking on RFI.  
KC1ZJ Technical Corner: John Balboni AC1T

Hampden County Radio Association, Inc.  
P O Box 482  
West Springfield MA 01090-0482



Forwarding & Address  
Correction Requested

# First Class

AC1T E V C A 14 I 10/92