



PROSPECT HILL INTERMOD

THE OFFICIAL NEWSLETTER OF THE WALTHAM AMATEUR RADIO ASSOCIATION
& THE HEAVY HITTERS

www.wara64.org

FALL 2013

INSIDE THIS ISSUE!

- SWAPNET HISTORY
- READERS SHACKS
- GUESS WHO?

SWAPNET'S FOUNDING FATHER, NA1A

The following is from QRZ, Duke, NA1A biography.

Greetings! Thanks for checking out the bio. The "one" call came from Massachusetts back in the early 80's while I was attending Dental School in Boston (a great college town, best in the US). It wasn't a vanity call.

My world in Hammy Radio started in the late 70's when a group of us "10-4 Good Buddies" decided to get a breath of fresh air, so we all got together and went to Gordon West Ham Radio School to study for our license.

I started out pretty much like everyone else - Chasing DX, County Hunting, Award Chasing, Digital Modes, Moon Bounce, etc. After a while, things got old so I switched gear and went in Hi-Fi Audio on Single Side Band, known as ESSB (Enhanced Single Sideband). Once entered into this mode, simply there is no turning point :) All of this started back in the early 2000's when I picked up a Shure dynamic microphone and decided to try it out on HF for a change. One thing led to the next and before all hell broke loose, I went from a modest set up using the W2IHY equipment, to a full blown pro-audio rack system.

April 10th, 1986

To The Trustee Of The Waltham Repeater,

I, undersigned Duke A. Hoang, amateur call NA1A would like to propose a weekly swap net on the 146.640 Waltham repeater.

The purpose of the net is to list amateur gear and related equipments in order to exchange and/or sell among amateurs. Net will meet every wednesday evening at 9:00 PM local time. It will constrain in a time frame of one hour or less for each net session. Net will be run according to the FCC rules and regulations -- no prices will be mentioned on the air, no dealers are invited. Net will be called "64 Swap Net".

Net control station for each session will be myself -- NA1A. Upon occasions, there may be alternative net control station in the case of my absence.

Shall there be any suggestions, please write to me at the address as follow:

DUKE A. HOANG
23 CEDAR STREET, #3
MALDEN, MASS. 02148

Thank you for your interests. I am looking forward to hear from you soon.

73's

Duke A. Hoang
NA1A

Current HF station consists of a Yaesu FTDX-5000D and a Kenwood TS-870. The 870 has the C131 mod done for direct line level input into the balance modulator. Both radios are connected to the LP-PAN system for full spectrum display. Amplifier consists of the Alpha 86 and 78. I prefer the older Alpha amps as they are well built and simple to service.



NA1A Shack



NA1A 10 element 5 bander

Antenna is a 10 element wire beam for 10,12,15,17,20M by OPTIBEAM. This is truly an amazing antenna. It has a small footprint yet BIG performance. The quality and workmanship of this antenna is superb. This antenna is my best investment in all the hammy radio gears thus far. It is on a 61 ft crank-up, free standing tubular tower by Wilson. For the lower frequencies, a Mystery Antenna makes enough QRM on 40/75M.

Current audio rack consists of a DBX 286A, Behringer DEQ-2496 and EX-3200. Microphone is an Electrovoice RE-27N/D.

You can find me mostly on 20m below 14.200 Mhz and on 17M or join me on Facebook :)

N1TV VISITS BOSTON

Ed, N1TV recently paid a visit to the Boston area over the summer and had a good time working some locals on the Waltham repeater. Ed now resides in warm, sunny San Jose California and on

occasion has been known to visit us here on the East coast.



N1TV "styling" mobile



Making contacts from the Hotel

JACK'S SHACK

Eliot Mayer, W1MJ

Many of us have heard the melodious voice of Jack, KB1MWD, gracing the airwaves on the WARA 146.64 MHz repeater. It's the best combination of voice, equipment, and acoustics heard on the 64 machine. The rig is a Kenwood TS-2000, the room has high ceilings to enhance acoustics, and Jack provides the voice. Thank you Jack for sharing these nice photos!





KB1MWD Shack



This is.....KB1MWD

ELIOT'S SHACK

Eliot Mayer, W1MJ

Eliot W1MJ was graced to have a very special guest operator in his shack for the CQ Worldwide DX Contest, Phone, which just happened to coincide more or less with Halloween:



W.A.R.A. REPEATERS

Input	Output	PL in	PL out	Call
6m off	6m off	6m off	6m off	off
**146.04	146.64	136.5	136.5	W1MHL
223.34	224.94	none	none	W1MHL
444.075	449.075	88.5	none	WA1PBU
902.1375	927.1375	131.8	100	W1MHL

**2 Meter [EchoLink](#) Node 490278
 2 Meter [Apco P25](#) NAC is 293

WARA OFFICERS

**ELECTIONS FOR ALL OFFICES WILL BE HELD AT THE
 JANUARY 29, 2014 MEETING**

PRESIDENT - Richard Amirault **N1JDU**
VICE PRESIDENT - Will Meaney **KB1QMY**
TREASURER - Bob Martinson **K1REM**
ASSISTANT TREASURER - Eliot Mayer **W1MJ**
SECRETARY - Open

FROM THE EDITOR

We would like to see YOUR photo in the next issue of PHI. Do you have a photo of yourself operating your equipment? Someone else's equipment? Even an old school or prison mug shot will do fine! Simply, submit your "Guess Who?" photos to the PHI staff for 15 minutes of fame!



NEW MEETING DAY AND LOCATION

Starting in January, our meeting day will be the last Wednesday of the month, still at 7:00 PM. The new meeting location is 201 Jones Road, Waltham. Park in the garage or out back and enter via the main entrance of the New York Life building. Jones Road is just west of 128, off Rt. 117, Main St. Talk-in to the meeting will be on our 2 meter or 440 MHz repeaters. There will be no December meeting, as the date falls on Christmas.



201 Jones Rd, New York Life building entrance

The unofficial supper meeting before the meeting is typically at around 5:30 PM at The Mad Raven which is located at 841 Main St. Waltham. This is a great time to meet some of the W.A.R.A. folks and join in on informal conversations. Be sure to wrap up by 6:45 to make the meeting!

JUNE PICNIC, 2013



Learn Code the EASY Way

Beginners, Amateurs and Experts alike recommend the **INSTRUCTOGRAPH**, to learn code and increase speed.

Learning the INSTRUCTOGRAPH way will give you a decided advantage in qualifying for Amateur or Commercial examinations, and to increase your words per minute to the standard of an expert. The Government uses a machine in giving examinations.

Motor with adjustable speed and spacing of characters on tapes permit a speed range of from 3 to 40 words per minute. A large variety of tapes are available — elementary, words, messages, plain language and coded groups. Also an "Airways" series for those interested in Aviation.

MAY BE PURCHASED OR RENTED
The INSTRUCTOGRAPH is made in several models to suit your purse and all may be purchased on convenient monthly payments if desired. These machines may also be rented on very reasonable terms and if when renting you should decide to buy the equipment the first three months rental may be applied in full on the purchase price.

ACQUIRING THE CODE
It is a well-known fact that practice and practice alone constitutes ninety per cent of the entire effort necessary to "Acquire the Code," or, in other words, learn telegraphy either wire or wireless. The Instructograph supplies this ninety per cent. It takes the place of an expert operator in teaching the student. It will send slowly at first, and gradually faster and faster, until one is just naturally copying the fastest sending without conscious effort.

BOOK OF INSTRUCTIONS
Other than the practice afforded by the Instructograph, all that is required is well directed practice instruction, and that is just what the Instructograph's "Book of Instructions" does. It supplies the remaining ten per cent necessary to acquire the code. It directs one how to practice to the best advantage, and how to take advantage of the few "short cuts" known to experienced operators, that so materially assists in acquiring the code in the quickest possible time. Therefore, the Instructograph, the tapes, and the book of instructions is everything needed to acquire the code as well as it is possible to acquire it.

MACHINES FOR RENT OR SALE



The Instructograph

ACCOMPLISHES THESE PURPOSES:

- FIRST:** It teaches you to receive telegraph symbols, words and messages.
- SECOND:** It teaches you to send perfectly.
- THIRD:** It increases your speed of sending and receiving after you have learned the code.

With the Instructograph it is not necessary to impose on your friends. It is always ready and waiting for you. You are also free from Q.R.M. experienced in listening through your receiver. This machine is just as valuable to the licensed amateur for increasing his speed as to the beginner who wishes to obtain his amateur license.

Postal Card WILL BRING FULL PARTICULARS IMMEDIATELY

THE INSTRUCTOGRAPH CO.

4703 SHERIDAN ROAD
4700 S. Crenshaw Blvd.

CHICAGO 40, ILLINOIS
Los Angeles 43, California

PHI NEWSLETTER STAFF

EDITOR - Mark Bolls **K1KGG**
DISTRIBUTION - Eliot Mayer **W1MJ**
Submit all articles to k1kgg@yahoo.com

Thank you to all who have contributed to this issue of PHI. We greatly appreciate the time you took in sharing your knowledge! We are always looking for articles and new material to publish. Please send in your photos, announcements, story or short article (technical or not) at any time, for the next issue of PHI!

GUESS WHO?

Answer can be found at the end



(Photo 1)

HOLIDAY DINNER

Will Meaney, **KB1QMY**

Please join us for dinner on Wednesday, December 18th from 7:30 pm to 10:30 pm at John Brewers Tavern, 39 Main St. Waltham. Dutch treat! So be sure to bring your own allowance money. We plan to have an area reserved but need to hear from you ASAP to confirm our head count for the reservation. Please contact me over the air on 440 or email kb1qmy@yahoo.com



The Waltham Amateur Radio Association is affiliated with the A.R.R.L.

Guess Who? Answer
Photo 1: Donny, N1YAN





WALTHAM AMATEUR RADIO ASSOCIATION

www.wara64.org

MEMBERSHIP AND CHANGE OF ADDRESS FORM

The Waltham Amateur Radio Association operates repeaters on 6 Meters, 2 Meters, 220 MHz, 440 MHz, and 900 MHz. The repeaters are free and open for everyone to use. But repeaters have bills to pay, just as you do. Your membership dues help support these repeater expenses, as well as help to keep you informed about club activities and other aspects of ham radio. Individual membership is \$20 annually. Family membership (members all in same household) is \$30.00 annually. If you cannot afford the annual dues, please send what you can. If you are inclined to donate more, we will put it to good use. You can join or renew at www.wara64.org/membership.htm or complete this form legibly, and return it to:

Waltham Amateur Radio Association, PO Box 411, Waltham, MA 02454

Member 1:

Name _____ Call Sign _____

Street _____

City _____ State _____ Zip _____

Telephone # _(_____) _____ Are you an ARRL member? _____

Email (for newsletter) _____

Member 2:

Name _____ Call Sign _____

Telephone # _(_____) _____ Are you an ARRL member? _____

Relationship to Member 1: _____

Email (for newsletter) _____

For additional family members please attach their information to this form

Payment Enclosed:

Individual Membership for _____ year(s) @ \$20/year nominal: \$ _____

Family membership for _____ year(s) @ \$30/year nominal: \$ _____