



PROSPECT HILL INTERMOD

THE OFFICIAL NEWSLETTER OF THE WALTHAM AMATEUR RADIO ASSOCIATION

www.walthamara.org

FALL 2019

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Winter Holiday Party - 2018



Picking up where we left off, the 2018 Holiday party was a great success.

Field Day - 2019



As Eliot is fond of saying: "Once again, we flipped more burgers than we made contacts, but it was all good fun."

PHI is alive and well (but late)

George Maier, W1LSB

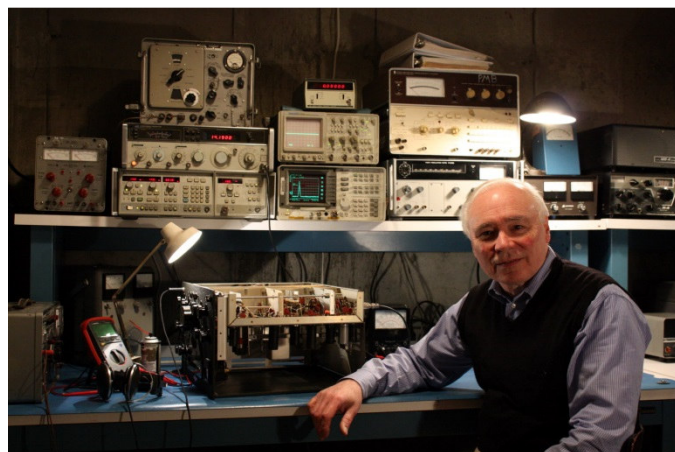
As we announced in the last issue of PHI, Mark Bolls, K1KGG, has stepped down from his position of PHI editor after cranking out the newsletter for over a decade!

When I volunteered to take on the newsletter, my work as a broadcast consultant was at a slow and even pace; then the FCC TV Repack hit with a vengeance and I've been swamped ever since. Good for the checkbook, bad for the PHI.

The thing of it is, I enjoy writing and have done it professionally for several decades, so I'm hoping to be able to put more time into the PHI going forward. Personally, I've been licensed since 1958, so I've sure seen changes in the hobby. My interest in repeaters goes back to the early 1970's.

My real interest however is the history of amateur radio with a special interest in SSB. The photo below is me doing what I like to do best; restoring a vintage radio.

73 de W1LSB



That great aroma of tubes and solder smoke!!

WARA Picnic & ARRL Field Day 2019

WARA members at the top of Prospect Hill Park in Waltham to enjoy some food, operate field day, and share some stories.



Dick – K1RBC is one serious operator!!!!



Ron – KG1T doing his Emeril impression- BAM!



Hey Ned; push it a little more up – W1NED adjusting his vertical.



Here's Chris – N1AUP giving it a try.



A visit from Mr. Mike – W1RC



Eliot - W1MJ & Dan - N1NLL teaming up on CW

WARA Holiday Dinner - 2018

The annual holiday party took place at Sichuan's Garden in Waltham. Always a popular event.



The usual suspects – table #1



Two door prize winners in the same family; Jeff AB1V, and his son Jackson.



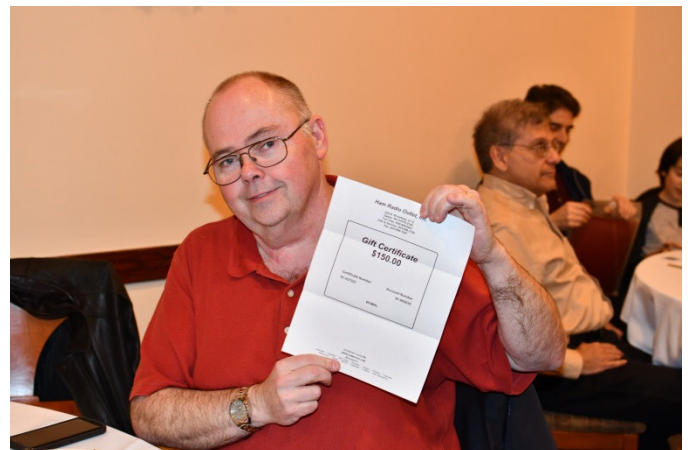
More Party animals – table #2



An appearance from Santa himself at table #3!!



More fun here at table #4...



N1JAF won an HRO gift certificate, LUCKY!

Just think; we get to do this again in three months!

Throwback Corner

How many of you remember this KLM??
If you owned one in 1978, you had one of the best 2M radios of its time. List Price: \$756.00.



KLM, Multi 2700 All mode

How about these...



Motorola FPTR series portables. Battery powered 5W tube type radios available for low band and high band.

Repeater Health Report

2M: Running OK, but experiencing interference from multiple sources.

220: Running poorly; antenna and repeater aging and in need of replacement.

440: New Motorola MTR2000 repeater in service and working well

900: New Motorola Quantar repeater in service and working well. See photo.



Photo by WA1NVC
900 Repeater on top – 440 on the bottom

Time to get on 900; it's better than ever!

By Roger Coulson – WA1NVC

With the shutdown of almost all of the 440 MHz repeaters south of the MA Turnpike by PAVE PAWS, hams turned to 900 MHz fueled by a surplus of equipment for the 900 MHz band. The range of the 900 MHz repeaters has been expanded by linking most of the repeaters using IRLP. The network is called NEAR-900 (www.near900.com). The 900 MHz repeater IRLP nodes connect to IRLP reflector 9125 (<http://status.irlp.net/?nodeid=9120>) on the New England Reflector (www.new-eng.com). There are currently about 13 repeaters in the network, including the WARA repeater in Waltham. Key up one repeater, and twelve more can hear you!



WALTHAM A.R.A. REPEATERS

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

**2 Meter EchoLink Node 490278
2 Meter Apco25 NAC is 293



PHI NEWSLETTER STAFF

EDITOR - George Maier **W1LSB**
DISTRIBUTION - Eliot Mayer **W1MJ**
Submit all articles to W1LSB

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 !

WARA OFFICERS

PRESIDENT – Ron **KG1T**
VICE PRESIDENT – Open
TREASURER – Rich **K1RBC**
ASSISTANT TREASURER - Eliot **W1MJ**
SECRETARY- Ned **W1NED**



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





WALTHAM AMATEUR RADIO ASSOCIATION

www.walthamara.org

MEMBERSHIP AND CHANGE OF ADDRESS FORM

The Waltham Amateur Radio Association operates repeaters on 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. If you are over 64 years of age, membership is FREE! However, you must still submit your application.

You can join or renew at <http://walthamara.org/membership/> 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: \$ _____

☐ Over Age 64 Membership for _____ year(s) @ FREE \$ NO CHARGE ***See note below**

**Please remember to keep your membership up to date by renewing and don't forget to notify us if you have moved. Thank you for joining WARA*