

MARA W1GaZette



June 2019

MONTACHUSETT AMATEUR RADIO ASSOCIATION

Vol 60, No 8

Next Meeting

Field Day preparations and Elections

June 12,, 2019 7pm at the [lunenburg public library](#)..

IN THIS ISSUE...

Next Meeting	1
President's Corner	1-2
Last Month's Meeting Report	2
State of the Repeaters	2
The Old Timers' Lunch	3
Public Service	3
Upcoming Contests	3
Upcoming Events	3
VE Sessions	3
IC-7100	4
DX Engineering 43' Vertical	5-6
KC1JDZ	6-7
WB8PKK	7-8
N1QDX SK	9-11
Watt's Happening	12-13
For Sale	13
Resources	13

Contributors To This Issue:

AB1GF,W1HFN,N1MGO,KD1YH, KC1JDZ,WB8PKK

The President's Corner

de Tom, Antil AB1GF

The last 8 months have seemed to fly buy and we are already in June. Field Day is coming Fast. I have submitted the application and waiting for the approval. This year we will be concentrating on wire antennas,

such as Dipoles Loops and wire Yagis.. We will be using Generators and Solar power. We will set up a few stations and operate for 24 hours to demonstrate our ability to communicate under less than optimal conditions.

May Meeting, Treasurer's Report

de Barry W1HFN, MARA Secretary

Meeting called to order: 7:30 PM

Attendees: Erik-W1QED, Gordon-N1MGO, Paul-KD1YH, Gary-K1YTS, John-KC1JEX, Bill-W1FSH, Tim-W0TJP, Tom-K1JHC, Bill-KC1JDZ, Ray-KB1LRL, Howard-KC1JRN and Barry-W1HFN

Treasurer Report (Gordon, N1MGO): Ending balance of \$1510.01

Current Business: Tom reported that the 220 machine was put back on the air, but needs more work. It cannot be keyed beyond the parking lot. The 900MHz repeater is still down, awaiting assistance from a local MSF5000 expert.

Members: Erik-W1QED, Gordon-N1MGO, Paul-KD1YH, Gary-K1YTS, John-KC1JEX, Bill-W1FSH, Tim-W0TJP, Tom-K1JHC, Bill-KC1JDZ, Ray-KB1LRL, Howard-KC1JRN and Barry-W1HFN

General Discussion: Field Day is coming up next month, as are elections for club officers. Unless new candidates are forthcoming, the current slate may run unopposed.

Meeting Presentation: Erik - W1QED, gave a very informative demo on Automatic Dependent Surveillance-Broadcast or ADS-B. A method whereby aircraft monitor and disseminate their location to ATC and other aircraft.

Meeting end called: 8:40 PM

State of the Repeaters

de Tom AB1GF

Paul reported that the 220 machine has a de-sense issue. The 900MHz repeater while functional, has a high SWR issue. The coax connector at the antenna will be replaced.



The Old Timers' Lunch

de Tom K1JHC

We meet every "First Wednesday" of the month, 11:45 am, year round. Why not join the group and enjoy good grub and gab.

Tom K1JHC solderironman@aol.com

Public Service

Nothing to Report

Upcoming Events

de ABIGF

June

22-23 [Field Day](#) Mount Wachusett Summit

VE Sessions

de KDISM, KDIYH

The May session was canceled due to no candidates,

The VE sessions are held on the 4th Wednesday of the month at the [Lunenburg Public Library](#)

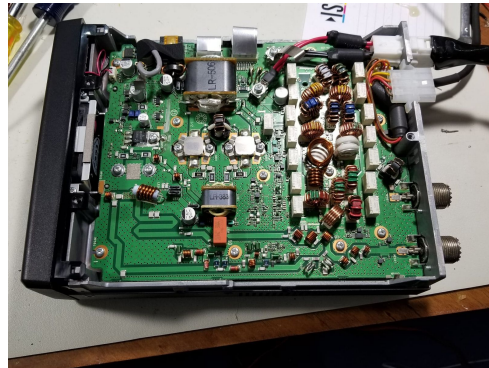
IC-7100

de AB1GF

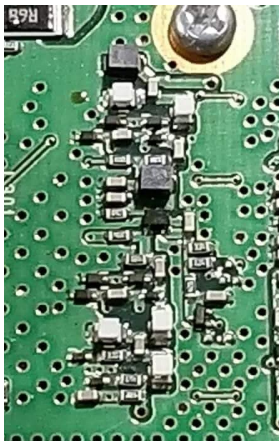
I own an Icom IC-7100 that is suffering from a loss of hearing on 2m, HF and UHF are fine. I could only hear W1GZ at S2. I could not hear anything else. I did Try 146.535 direct with Patrick WZ1Z at the bottom of the hill on the other side of the tracks. He heard me fine but I could not hear him. I brought it over to Paul W1SEX to troubleshoot the problem. The recieve was repaired, but when I got home the problem returned.



IC-7100



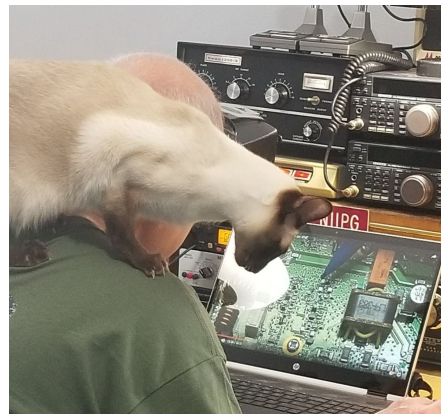
Cover off



VHF signal path



Bad MosFET



Stop Ignoring me

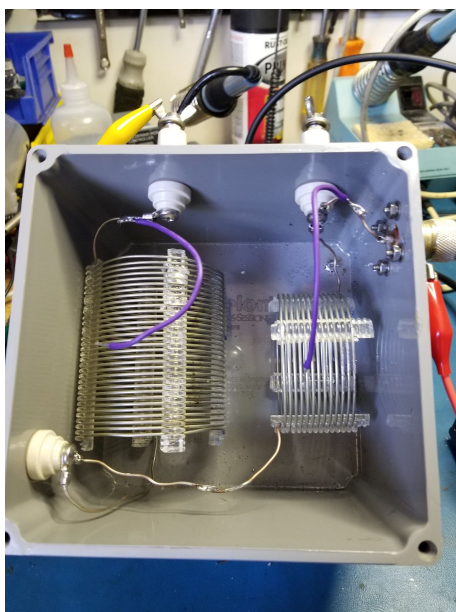
DX Engineering 43' Vertical

de AB1GF

I have also been working on my vertical for 160- 80-75m I started off with a vertical from DX Engineering. I needed a counterpoise to load it against so I rolled out a large amount of vinyl coated garden fencing that I previously acquired and soldered them together. I was then attached to the base of the antenna.



43' Vertical DX Engineering

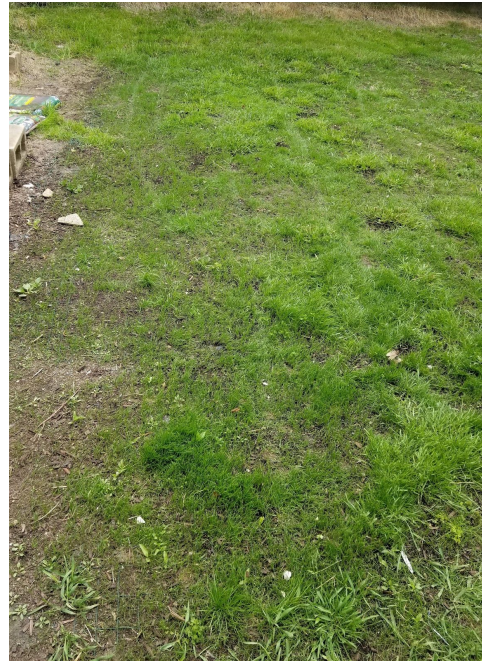


160- 80-75m inductors



Garden wire for counterpoise

It loads up well, and I now can cover 160-10m with just 2 antennas. I will be working on 6m 2m, and 70cm with a Tri Band yagi later.



Grass is covering it well

KC1JDZ



KB1JDZ Backyard Vertical and homemade 1/4~ for 2M



Congratulations Bill KB1JDZ upgraded to Extra!

WB8PKK



getting new Hexx Beam ready



Looks like a spider



Waiting for Hexx



Hexx in place



Looks good As of this time Ken only needs 6 more QSO's for WAS 20m





N1QDX SK

Lunenburg - Paul Joseph Doherty, 64, a longtime resident of Lunenburg, died peacefully surrounded by his family on Tuesday, May 14, 2019 in UMass Memorial Hospital, Worcester. Paul was born in Cambridge, on April 24, 1955, a son of Lorraine (Campo) Doherty of Norwood and the late Philip Doherty. He leaves his beloved wife of 37 years, Mary Ann (Murphy) Doherty. Paul will be missed greatly by his daughter, Erin Doherty and her fiancé William of Fitchburg; his son Craig Doherty and his wife Moira of Lunenburg. Paul will also be missed dearly by his brother Stephen Doherty and his wife Monica of Garden City, NY; two sisters, Phyllis (Doherty) Sadowski and her husband Raymond of Lake Ariel, PA and Jody (Doherty) Cleary and her husband Brian of Walpole, Paul also leaves many aunts, cousins, nephews and nieces whom he loved dearly. Paul was a proud U.S. Army Veteran serving from 1975 to 1978 on active duty in the Signal Corps. He served in Company A 1st Signal Battalion stationed in Germany. Paul truly enjoyed his time in the service and was always telling stories of his experiences throughout his life. At the time of his discharge he saved up leave time and spent it touring Europe by train and backpack. Paul worked as a Carpenter for the Local Union 40 out of Cambridge for 30 years and was cherished by his co-workers for his quick wit and made several longtime friends. Paul was the epitome of a handy man that could fix or build anything including adding an addition to his home and fixing the family cars. Paul's favorite hobby was Amateur Ham Radio where his call sign was N1QDX and he would

converse with fellow ham radio friends locally and across the world. Paul developed many great relationships through his passionate hobby and would frequently participate in the ARRL field day with local ham radio operators. Among the other joys in life Paul lived for driving his boat on Hickory Hills lake to take photographs of the sunset. Paul was an avid motorcyclist for most of his life enjoying spending time with family and friends on motorcycle rides across the region. Paul thoroughly enjoyed towing his camper and setting out for different locations to enjoy time with his family. Traveling was also something Paul enjoyed as he and his wife Mary Ann loved traveling to Las Vegas and Atlantic City for their annual anniversary celebration as well as Ireland as Paul greatly enjoyed celebrating his Irish heritage.

Paul was a fixture in the tri-city area as he currently served on the Lunenburg Zoning Board and served on the Leominster Housing Board.

Paul had the self-proclaimed "gift of gab" and would strike up a conversation with anyone in earshot and quickly endeared himself to complete strangers. Paul was a very kind and considerate soul who would take the time to help anyone in need and always find a solution to a problem no matter how complex.

Paul will truly be missed by all that loved him and all that he loved and will be forever in his family's hearts and minds.

In lieu of flowers, the Doherty family asks that memorial contributions be made to New England Donor Services, 60 First Avenue, Waltham, MA 02451 or the Amateur Ham Radio club to which Paul belonged: Montachusett Amateur Radio Association, PO Box 95, Leominster, MA 01453. The Doherty family would also like to sincerely thank the UMass Memorial staff for their wonderful care and thoughtfulness during this extremely difficult time.

In lieu of calling hours/funeral services, at Paul's request, there will be a celebration of his life with a ceremony at the Massachusetts Veterans Memorial Cemetery, Winchendon, MA on Friday May 31, 2019 at 10:00 am. Paul's family and friends are invited to attend the ceremony and honor his legacy.

The Lunenburg Chapel of the Sawyer-Miller-Masciarelli Funeral Homes, 763 Mass Ave, Lunenburg, MA has been entrusted with Paul's care.



*Left to Right Gary K1YTS Ray KB1LRL Gordon N1MGO Tom AB1GF
Erik W1QED Janice -callsign pending Tom K1JHC Paul W1SEX Charlie KT1I*

[1023 Massachusetts Ave, Lunenburg, MA 01462](#) in the back of the building at 7pm

check on the status of your new licence @ [F.C.C ULS](#)

The MARA W1/GaZette

is published by the Montachusett Amateur Radio Association just prior to the monthly meeting. The newsletter is distributed free to members and friends of Amateur Radio. Contents copyright © 2017, MARA. Permission to use in other Amateur Radio publications with credit to MARA is hereby granted.

The deadline for materials to appear in the W1/GaZette is noon on the Sunday before the first Wednesday of the month.

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MEMBERSHIP INFORMATION:

Club Secretary: Barry Fox, W1HFN, foxbw@comcast.net

Annual Dues: Regular \$25

Family \$30

Fixed income \$15

Meetings: 2nd Wednesday, 7:30 pm September to June

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MARA owns and operates three FM repeaters co-located on Burbank Hospital in Fitchburg. W1GZ on 145.45 (CTCSS 74.4), AB1GF on 224.34 MHz (CTCSS 103.5) and W1HFN on 927.5625 (-25 MHz) (CTCSS 74.4). The 2m repeater is also reachable via IRLP node 8433 and Echolink node 688832.

Watt's Happening

Sundays, 0800 local 5330.5 (ch 1) USB

Western Mass Emergency 60M Net

Alternate frequencies are 5346.5 (ch 2),
5366.5 (ch 3), 5371.5 (ch 4), and 5403.5 (ch 5).

Sundays, 0830 local 3944

Western Mass Emergency Net. Alternate frequency is 3942 in case of QRN, QRM, or frequency in-use. Also a good idea to scan up and down 10 kHz if you cannot find the net.

Sundays, 0900 local 145.45-

Montachusett Emergency Net

Tuesdays, 1930 local 145.37-
WMEN Templeton Emergency Net
Wednesdays, 1900 local 145.37-
Gardner/Templeton Emergency Net

Nightly, 2100 local 146.97-
Central Mass Traffic Net

First Monday, 1900 local 3943, 7245
RACES Net

Tuesday, Thursday, Saturday, 1800 local 3978
Western Mass/RI Phone Net

For Sale

de AB1GF

Resources

[AB1FF Inventory](#)

[W1SEX Tech Night](#) in Gardner [Bandpass Filter Study](#)

[Dan's Tech Night](#) in Shirley

[Heathkit](#) they are back making kits

[AB1GF](#) 600 lbs of Aluminum, antenna parts & tower stuff

[N1MGO](#) assistance with digital

[WB1EWS](#) has 1.000.000 Resistors, check 1/4, 1/2, 1 & 2 watt available check with him before you buy any.

[KB1LRL](#) Wire Man products

[The Successful Ham Radio Operator's Handbook](#) Another operators handbook that might be useful

[WMA ARRL](#) See what is going on in Western Massachusetts

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