



# QRZ

The Newsletter for AARC members

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## President's Corner

Happy New Year! I hope everyone had a safe and enjoyable holiday, and maybe even got to do some radio!

The club had a nice turnout at our December social meeting. Special thanks to Joe's son, Ryan, for hosting the trivia.

For our January meeting, AARC will be visited virtually by Don Wilbanks, AE5DW, who appears on Ham Nation. More details will come before the meeting. As a reminder, AARC virtual meetings going forward will be conducted via Zoom.

Due to the current state of the pandemic, there are no updates on potential in-person operating, social, or public-service activities. Please stay healthy and safe as we navigate the winter.

73 de w1ku (Mike)

## Treasurer's Report

For December, there was no income to report. The only expense was an Amazon Gift Card for \$35 which was awarded to Mike Powell (W1KU) as the winner of Trivia Night at the December online meeting.

## DMR New England Digital Swap Net

WHEN: MONDAY NIGHTS at 9:00pm for 1 hour

WHERE: NEDECN "NEW ENGLAND WIDE",  
3181 TALK GROUP

NET CONTROLS: K1NR, WAINVC, N1JAF, NE1B

<https://groups.io/g/NewEnglandDigitalSwapNet>

You can read the For Sale items, and if you join, you can post For Sale items.

## January Meeting (Online)

The next AARC meeting will be held on January 14<sup>th</sup> at 7:30pm online via Zoom. Information on joining this virtual meeting will be sent out in advance via email. See President's Corner for additional information.

## FCC License Fee Update

On December 30th, the FCC published a report and order indicating they have lowered the proposed amateur radio license fee from \$50 to \$35. The fee is not implemented yet. If your license expires soon, remember that licenses can be renewed as early as 90 days before expiration to stay ahead of the fee.

## AARC Sunday Night Net

Please join us every Sunday Night at 7:00pm on the 446.675 repeater (PL 88.5 / -5.0mhz Offset). You do not need to be a member of the club and all licensed amateur radio operators are welcome to check-in.

## SUNDAY NIGHT NET NEEDS OPERATORS

The AARC Sunday Night Net is looking for Net Control Operators. I would like to have 4-8 operators so we can rotate it around. This way I don't have to do everyone Sunday. My work schedule, for the next 6+ months, is going to be 12hrs on many Sundays (almost every other Sunday).

So please sign up. I will have a quick training session and everyone will get a copy of the script (if you haven't received one already).

Thank you

de Joe, KA1GDQ

## Algonquin Amateur Radio Club, PO Box 258, Marlboro, MA 01752

The Algonquin Amateur Radio Club holds meetings the second Thursday of each month at 7:30pm. There is no meeting in July and August. Meetings are held at the 1<sup>st</sup> Lt. Charles W. Whitcomb Middle School, 25 Union Ave, Marlboro, MA / Door #1. Anyone with an interest in Amateur Radio is welcome to attend.

The AARC operates the N1EM/R 446.675 PL 88.5 repeater in Marlboro. Access to the repeater is open to all licensed Amateur Radio operators. A controlled net is conducted on the N1EM repeater every Sunday evening at 7pm.

## 2020-21 Club Officers / Appointments

President	Mike Powell	W1KU
Vice President	Skip Youngberg	K1NKR
Secretary	Tim Ikeda	KA1OS
Treasurer	Ken Horton	KA1GFN
Activities	Joe Reynolds	KA1GDQ
Newsletter	Ken Horton	KA1GFN
Website	Sandor Toth	NB1N

## Choice of Words

Remember those questions on the license exam about RF exposure? We should all be conversant in the subject, right? We all glibly talk about “radiators,” etc. But the general public doesn’t speak “ham,” or “engineering,” or “physics.” “Radiation,” to them is just another scary word—and our hobby just might endanger them with our radiation, right?

Wrong! Yes, everything radiates but there’s ionizing and non-ionizing radiation. RF just doesn’t have enough energy to be ionizing radiation. And that 100-watt rig I use doesn’t put out any more energy into my neighbor’s yard than a 100-watt light bulb would. That’s why I stick with “send,” “talk to,” “transmit,” and occasionally “broadcast” (although that term isn’t really appropriate to ham radio) when I’m speaking with people.

Here’s an e-mail I recently received from a friend over in Harvard, MA. The video he cites goes a bit beyond our immediate needs, but it is interesting and RF exposure shows up at about 5:30 in the video. Plus, it’ll give you some background ideas to use in your next conversation with your neighbors.

de Skip, K1NKR

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Since we hams emit radiation, we often get questions on the subject: RF, ionizing, microwave ovens, stuff from space, etc. This is an excellent 15 minute video on what the different types of radiation are and how they may or may not affect the human body.

<https://www.youtube.com/watch?v=LQ7Px9CZ7zc>

Sabine Hossenfelder is a physicist and has an excellent You Tube science channel (she also has a music channel). She has a PhD in physics and is presently a Research Fellow at the Frankfurt Institute for Advanced Studies (FIAS).

This is just a FYI that I thought folks would find interesting, especially there has been more press on RF radiation measurements lately.

73,  
Joe, K1YOW

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## Lantern Battery Challenge (LBC)

AARC's Lantern Battery Challenge kicked off at 0000Z on 1 December, but you can start anytime! See the [November newsletter](#) for info and the AARClst announcement with the rules (the few rules that there are). [Click here to view rules](#)

## VE Exam Sessions

Date : 1/9/2021  
Sponsor: Braintree EMA  
Location: BEMA Garage Sunset Lake  
Time: 8:30am (No Walk-ins / Register or Call ahead)  
[More info](#)

Date : 1/9/2021  
Sponsor: Braintree EMA  
Location: BEMA Garage Sunset Lake  
Time: 9:30am (No Walk-ins / Register or Call ahead)  
[More info](#)

Date : 1/9/2021  
Sponsor: Port City ARC, Greenland NH  
Location: Piscataqua Fish & Game Club  
Time: 2:00pm (No Walk-ins / Register or Call ahead)  
[More Info](#)

Date : 1/18/2021  
Sponsor: BCRA VE Team  
Location: TBD, Swansea, MA  
Time: 5:30pm (No Walk-ins / Register or Call ahead)  
[More Info](#)

Date : 1/20/2021  
Sponsor: MIT Radio Exam Team  
Location: MIT Campus, Room 1-150 MIT, Boston  
Time: 7:30pm (Walk-ins allowed)  
[More Info](#)

Date : 1/23/2021  
Sponsor: GSARA, Manchester NH  
Location: Brookside Congregational Church  
Time: 9:30am (No Walk-ins / Register or Call ahead)  
[More info](#)

Date : 1/23/2020  
Sponsor: North Shore RA  
Location: American Legion Building Lower Level  
Time: 12:00pm (No Walk-ins / Register or Call ahead)  
[More info](#)

Date : 2/6/2021  
Sponsor: Port City ARC, Greenland NH  
Location: Piscataqua Fish & Game Club  
Time: 2:00pm (No Walk-ins / Register or Call ahead)  
[More info](#)

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## ARRL Contests

January 16-18 : January VHF  
[More info](#)

Contest Coral - January 2021  
[More info](#)