



November 2023

Volume 60 Issue 11



<http://www.w1mv>



<https://www.facebook.com/w1mvmara/>



<https://twitter.com/search?q=Massasoit%20Amateur%20Radio%20Association&src=typd>

Next meeting is November 21, 2023 Social hour is from 1800 meeting starts at 1830. Talk-in is on 147.180+ meeting will be at the Bridgewater public library

ON THE AIR Tuesdays 1st Dec 7th no net controller, 2nd Dec 14th John N1UMJ, and 4th Dec 28th Denise KC1CFO Happy Holidays. Tuesdays at 2000 (8pm) news line and conversation

We are looking for ideas for the weekly net some people have asked us to change it up. Please email our president Jon Laiosa jlaiosa@gmail.com or me Rick Emord kb1tee@gmail.com

Presidents Message

Please send your apparel request to me

We had a reasonable turn out at the last meeting, including those who checked into Zoom. Thanks to Allan, WA1BEE for selling some more equipment for the club. We had some recent vandalism at the repeater site, someone broke the lock. Thanks to Phi, N1XTB for taking care of this. I still need to fix the Fusion key line on the 440 Repeater and check to see if we need more foam where the hardline enters the building. I still would like some more input on a new format for the Tuesday night net. I would like to put together a new format after the holidays. Also please send me any request for apparel, as of now I have one request.

John Laiosa

jlaiosa@gmail.com.

Newsletter editor Rick Emord KB1TEE

For those of you who sent me good wishes so far my surgery was good. The doctor found three of the four muscles in my left shoulder torn away. He found one tendon torn. It is going to be a long recovery. We are trying to reconfigure the Tuesday night net to make it something to draw in a friendlier crowd. If you haven't been on in a while we don't have much of an attendance especially from club members.

Secretary report

By Phil McNamara N1XTB

Meeting called to order 17 Oct 2023 at 1838 by John N1BSO at the Bridgewater Library meeting room.

Attendees

N1BSO John	zoom attendees:
N1IQI Loren	N1UMJ John
WA1BEE Allen	KC1GTR Wendy
KA1YL Connie	KB1WAM Mike
N1XTB Phil	

Secretary report accepted as written in the newsletter Treasurers report provided by N1XTB and accepted John N1BSO provided the repeater report. Some final sealing on the shack penetration still to be done and a repair for a broken controller wire that supports Yaesu Fusion.

This weekend at Camp Norse in Kingston there will be a *JOTA* event Jamboree On The Air for the scouts. Paul Moss KB1MTW will be attending this event and has asked to reach out to folks that might be interested in attending and participating. Even though it is a weekend event he plans on being there on Saturday. Any questions please give Paul a call at 781-857-2391.

Paul would like us to keep an ear out for calls on the Whitman 147.225 repeater. More info and web links on the WARC email list. Conversation with Connie about dedicated HF nets for women hams. John N1BSO said there is a recently licensed YL from the last Whitman tech class that lives in Lakeville and may find attending the MARA meetings more convenient. Also discussed with Connie about possibly using the Library meeting room for a tech class. John asked to get the Net Control schedule for the Tuesday night nets John and Allen went to Nearfest and gave their summary.

Discussion about running a Tech class this fall. N1XTB knows of one guy interested. N1BSO says there was some interest that he is aware of.

Motion to adjourn at 1855.

After the business meeting, Phil N1XTB gave a short talk about using a new software app for IOS on apple iphones called RadioMail. RadioMail supports connection to the Winlink digital radio system via Telnet, VHF packet, and VHF VARA. N1XTB has tested connection via telnet and via packet on 145.09 to his N1XTB-10 gateway and via the BROCK digi to AB1PH-10 in Walpole. The testing was done using the very small mobilinkd kiss TNC and a Yaesu VX-6 HT. The iphone connects to the TNC using Bluetooth.

73,

Phil McNamara

Emergency Operations Center Communications

508-947-9950 (office)

508-947-9947 (home)

n1xtb@powersrvcs.com

n1xtb@winlink.org

kb1tee@gmail.com

The U.S. Air Force Military Auxiliary Radio System



Great Hill Gang reminders:

Swap net Friday evenings, 8PM on the W1ATD 145.390-pl67 repeater

- 2 Meter SSB net Monday nights, 19:00 EST (7PM), 144.244MHz USB
- Field Operations at [Great Hill Park](#) in Weymouth - 2nd Saturday of the month (approx / weather dependent) starting at 9am.

Be sure to check into the Friday evening Swap Net to list gear and hunt for bargains when the net resumes this week!

The Friday night net has returned from summer vacation and the list will still be published every week on the GHG Facebook page. Feel free to post a listing for sale or looking for on the Great Hill Gang Facebook page or send your listing via email to na1xx@aol.com 73 Mike NA1XX - mconnelly0072@gmail.com

Announcement SANTA is coming to your radio

The 16th annual [Santa Net](#) will be on the air evenings at 7:00 PM CT between Thanksgiving and Christmas on 3.916 MHz. Check in is taken 30 minutes before the net begins. Youngsters can talk to Santa at the north pole using strategically placed operators who relay the voice of Santa. The Santa Net is a team effort by [The 3916 Nets](#) members, and they're expecting over 1,000 contacts this year. The Santa Net is also streamed live on [YouTube](#).

Bear 100 Endurance Run

The [Bridgerland Amateur Radio Club](#) in northern Utah provided amateur radio communications support for the 2023 Bear 100 Endurance Run on September 29 - 30. Overall, 74 amateur radio operators participated -- 58 aid station operators, six data team operators, and 10 net control operators assisted alongside a multitude of other volunteers that staffed the aid stations. Because of the event's remote location, Winlink, packet radio, and five Starlink systems were used to aid in the transfer of data and eliminated most traffic on the repeaters, except for emergency and priority communications. Thanks to Assistant Traffic Manager of the ARRL Utah Section Tyler Griffiths, N7UWX, for the information.

A look at the questions Valley Stream South students sent to the International Space Station

By [Angelina Zingariello](#)

Valley Stream South High students launched their questions from Earth and heard the answers from astronauts on the International Space Station.

Last month, Valley Stream South High School teamed up with Amateur Radio on the space station, NASA, and the Long Island Mobile Amateur Radio Club for a live conversation between its students and astronaut Andreas Mogensen, who is currently aboard the space station.

This rare opportunity was awarded to 12 students, who won the “Ask an Astronaut a Question” contest held last spring, allowing them the chance to directly engage and pose questions to Mogensen, gaining insights into life beyond our planet.

“The stories of astronauts like Andreas Mogensen, and the images of distant planets inspire us all to dream big and aim for the stars more motivating the next generation of scientists, engineers, and explorers,” Principal Matthew Swinson said opening the event. “How about environmental awareness? Studying space helps us understand Earth’s delicate ecosystem, highlighting the need to bring nations together for a common purpose.”

The contest winners were Meerab Suhail, 12th grade, Ethan Fazal, 12th grade, Dori Chau, 12th grade, Alexa Joy Kosinski, 10th grade, Bethany Kosinski, 12th grade, Kevin Tritschler, 11th grade, Samona Zafar, 12th grade, Noel Corrao, 12th grade, Juan Perez Marte, 8th grade, Andy Huang, 11th grade, Samira Comb, 11th grade and Arielle Ismael, 8th grade.

The high school incorporated an Earth Science ARISS Lesson Plan diving into astronomy, rocket physics, satellite studies, and the use of amateur radio for ISS communication. The school’s Falcon Report Club joined forces with the Long Island Mobile Amateur Radio Club to prepare for the event. As students anticipated the connection with Mogensen aboard the ISS, the faculty took a moment to express their gratitude to the Science Honor Society for transforming this vision into a reality.

In New Hampshire, Fred Kemmerer, the director of the New England division of the American Radio Relay League and a mentor for Amateur Radio on the International Space Station, bridged the communication between the students and Mogensen.

Once the connection was established, students sent their questions to space. The first question, asked by Suhail, was most likely the question on everyone’s mind.

“What influenced you to become an astronaut,” Suhail asked.

“My interest goes back to when I was in fourth or fifth grade and first learned about in particular, the Apollo missions to the moon, I thought they were incredibly fascinating,” Mogensen said. “The sense of exploration that they encompass was amazing to me. And even to this day, I still think the Apollo missions are some of the most incredible achievements of humans and that’s what influenced me to become an astronaut.” Before the connection was lost, students were able to ask Mogensen 10 questions.

The experience of asking questions directly to an astronaut in space is something that will be memorable for not only the participants but also every student in attendance.

“We were ecstatic that the Valley Stream school district was allowed to speak with Commander Andreas Mogensen,” advisor of the high school’s Science Honor Society, Elaina Garces said. “This was a once-in-a-lifetime experience.”

Upcoming Section, State, and Division Conventions

- November 18 - 19 | [Fort Wayne Hamfest and Computer Expo](#), hosting the ARRL Central Division Convention, Fort Wayne, Indiana.
- December 8 - 9 | [Tampa Bay Hamfest](#), hosting the ARRL West Central Florida Section Convention, Plant City, Florida
- January 6 | [Ham Radio University](#), hosting the ARRL New York City-Long Island Section Convention, Brookville, New York
- January 12 - 14 | [ARRL Puerto Rico State Convention](#), Hatillo, Puerto Rico
- January 19 - 20 | [Cowtown Hamfest](#), hosting the ARRL North Texas Section Convention, Forest Hill, Texas
- January 27 | [Winterfest](#), hosting the ARRL Midwest Division Convention, Collinsville, Illinois



Winter field day 2024 is January 23-24, 2024. According to its website: "Winter Field Day (WFD) is a communications exercise. WFD is held on the last full weekend in January. WFD can be worked from the comfort of your home or in a remote location. You can participate by yourself or get your friends, family, or whole club involved. Winter Field Day is open to participants worldwide. Amateur radio operators may use frequencies on the HF, VHF, or UHF bands and are free to use any mode that can faithfully transmit the required exchange intact. Similar to the ARRL Field Day, bonus points are earned in several ways, including using non-commercial power sources, operating from remote locations, satellite contacts, and more."

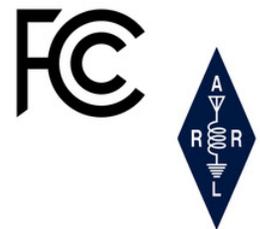
Deadline Extended Until November 28 for 60-Meter-Band Comments

The Federal Communications Commission (FCC) has extended the deadline to file comments on the 60-meter band proposal to November 28, 2023.

Replies to comments will be due December 28, 2023. The public comment period was originally scheduled to close October 30, 2023.

[ARRL](#) strongly encourages all amateurs to submit comments expressing support to the FCC for the current 100 W ERP power limit (instead of reducing the power limit to 15 W EIRP) and continuing secondary access to the current channels.

ARRL has assembled a web page with instructions on how to submit your comments, as well as background information on the issue: www.arrl.org/60-meter-band.



The K7RA Solar Update

Tad Cook, K7RA, of Seattle, Washington, reports for this week's ARRL Propagation Bulletin, ARLP046:

Solar activity was lower this week, November 9 - 15, 2023, with the average daily sunspot numbers dropping from 89.7 to 80.1, and the average daily solar flux from 151.7 to 133.8.

Solar disk image taken November 16, 2023. [Photo courtesy of NASA SDO/HMI]

If those numbers seem a little low lately, we should check the bulletin from the same week last year. In the November 18, 2022, bulletin, the average daily sunspot number changed from 79.8 to 72.3, so a year later we are definitely trending higher.

Geomagnetic indicators were also lower, with the planetary A index changing from 22.3 to 10.4, and the middle latitude A index from 14.6 to 8.6.

A single new sunspot group appeared on November 10, another on November 12, one more on November 13, and another on November 14.

The predicted solar flux is 120, 118, 116, 120, and 122 on November 16 - 20; 125 on November 21 - 22; 135 on November 23 - 25; 140, 148, and 152 November 26 - 28; 155 on November 29 through December 1; 152, 150, 148, and 145 on December 2 - 5; 140 on December 6 - 8; 145, 135, 130, and 125 on December 9 - 12, and 120 on December 13 - 15.

The predicted planetary A index is 10 and 8 on November 16 - 17; 5 on November 18 - 19; 8 on November 20 - 21; 5, 12, 18, 20, and 12 on November 22 - 26; 8 on November 27 - 28; 5 on November 29 through December 3; 10, 16, 12, and 10 on December 4 - 7; 5 on December 8 - 9; 8 on December 10 - 13, and 5 on December 14 - 18.

Check this site for an update of current conditions on various bands: <https://dr2w.de/dx-propagation/>

Sunspot numbers for November 9 - 15, 2023, were 93, 93, 85, 78, 85, 86, and 41, with a mean of 80.1. The 10.7-centimeter flux was 138.7, 143.9, 141.5, 137.2, 132.7, 123.8, and 118.9, with a mean of 133.8. Estimated planetary A indices were 12, 10, 5, 12, 16, 6, and 12, with a mean of 10.4. The middle latitude A index was 8, 7, 4, 10, 5, and 11, with a mean of 8.6.

The USTNR group USS Massachusetts operations



Our 2024 schedule has three operations on the USS Massachusetts

April 20th this is our annual event on board 0830 on the air by 1000-1530

June Museum Ships on the Air weekend May 31 set up on the air at 8:00pm which is 0000zulu June 1 we will wrap up the session on Sunday June 2

September 21 anniversary of the launch of the USS Massachusetts on board 0830 on the air by 1000-1530

Massasoit Amateur Radio Association Executive Board

President : John Laiosa acting as president

Vice President: OPEN

Secretary: OPEN

Treasurer: Phil McNamara N1XTB

Call Sign Trustee: Phil McNamara N1XTB

Newsletter editor : Rick Emord KB1TEE

2M Repeater 147.180+ (Tone 67.0)

440 Repeater 444.550+ (Tone 88.5)

APRS Node Node 144.39 W1MV-1

Packet BBS 145.09 N1XTB-4

Packet Node Brockton 145.09 W1JOE-7 (BROCK)

MARA Web Page <http://www.w1mv.org/>

Facebook <https://www.facebook.com/w1mvmaral>

Newsletter Editor kc1gtr.mara@gmail.com

ARC Web Page <http://www.wa1npo.org>

Qsl via www.eqsl.cc

Skywarn <http://wx1box.org> and

www.powersrvcs.org/w1gmf/skywarn.htm

Mailing Address P.O. Box 428 Bridgewater, MA 02324

Monthly meetings are held the 3rd Tuesday of each month, for time being, Tuesday Night

Zoom meeting will be at 7:00pm.

Our Meetings-On-The-Air are held all other Tuesday evenings at 8PM on 147.180+ and includes the Westlink News Report with the latest news about happenings in the world of Amateur Radio.

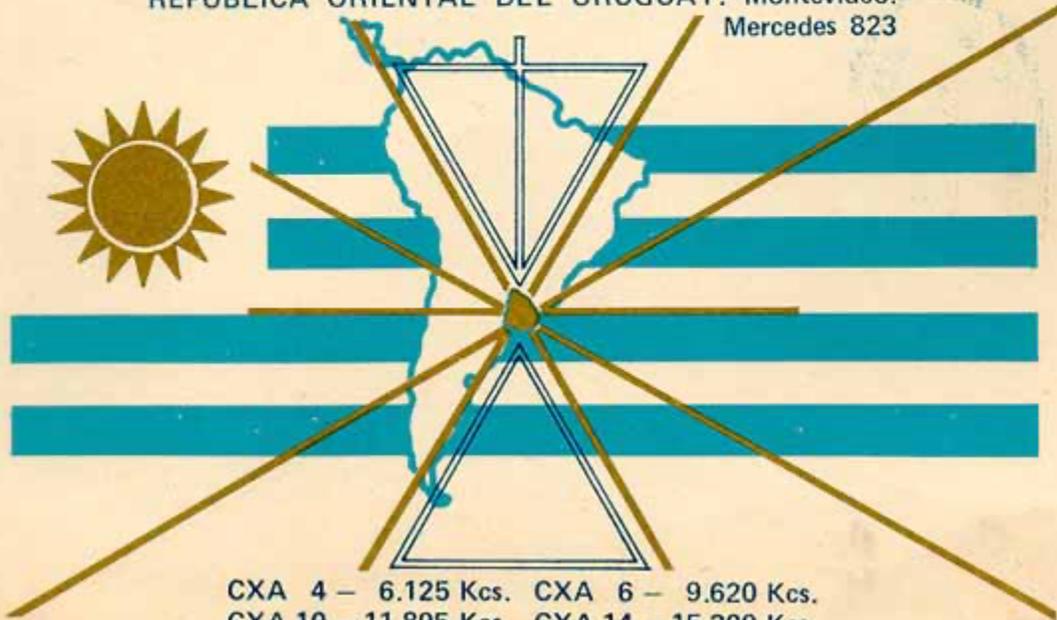
The South Shore Skywarn Net is held every Saturday evening at 8PM local time on 147.180+ and is open to all hams.

VE Exams are held the 2nd Saturday of every month, in Braintree contact Steve Cohen, W1OD via email w1od@arrl.net. Walk-ins are no longer permitted. We will be hosting VE exams at 8:45 at the Watson building. If you know of anyone planning to take an exam, please have them drop a note to Steve to confirm a reservation

SODRE

SERVICIO OFICIAL DE DIFUSION RADIOELECTRICA
REPUBLICA ORIENTAL DEL URUGUAY. Montevideo.

Mercedes 823



CXA 4 - 6.125 Kcs. CXA 6 - 9.620 Kcs.
CXA 10 - 11.895 Kcs. CXA 14 - 15.300 Kcs.