



November, 2018  
Volume 56 Issue 11

# MARANews



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## **Next meeting November 20, 2018 at 6:30pm at the Bridgewater Public Library**

No December meeting Happy Holidays, Happy New Year, next meeting is on January 15, 2019

### **Membership Renewal**

With the beginning of each year comes the time for membership renewal and the payment of dues. Since Washington did not fall off the cliff I guess it is all right to use US dollars to make payment. You can bring your check to the next meeting or send it along to our post office box at **MARA P.O. Box 428 Bridgewater, MA 02324**. Our smiling treasurer will be happy to see or hear from you.

### **Presidents KC1CFO Denise Sisson**



### **Presidents Notes from KC1CFO Denise Sisson**

MARA Facebook page: Our Massasoit Amateur Radio Association Facebook page with club events, meetings, photos, etc. is occasionally updated so that it can be another resource for us on which to spark interest of our club, amateur radio and keep members informed of what we are doing outside of our club meetings and in our community. If you go to the "about" tab on our page you can find our <http://www.w1mv.org/> web page for our present and past newsletters and other club information. Please send Denise KC1CFO [denigs1@aol.com](mailto:denigs1@aol.com) any articles or photos you would like to see in our MARA newsletter, W1MV-MARA Website and Facebook page. Jeff N1ZZN has created a link to twitter to help get the word out even more!

I am looking forward to seeing everyone on Tuesday, November 20th, for our monthly meeting.

73 Denise KC1CFO

President-Massasoit Amateur Radio Association

## **MARA MEETING REPORT 10/16/2018 BY KB1TEE RICK EMORD FILLING IN FOR N1 BOB SISSON**

Meeting called to order at 1830 by Treasurer Phil McNamara N1XTB

Members present

N1XTB Phil McNamara

KA1YL Connie Franciosi

N1FDX Jay Zappullo

K1BAD Mello Serrano

KB1TEE Rick Emord

N1ZZN Jeff Lehmann

We had a guest Carmen "Mello" Serrano Jr K1BAD from Raynham

Repeater report by N1XTB Phil McNamara

444.550 machine operating well. 147.180 antenna still down both machines linked

Accepted Rick KB1TEE second Connie KA1YL full vote accepted report

Treasurer's report N1XTB Phil McNamara

September cash on hand 163.96 bank 732.00 October no income 163.96 on hand bank 723.29

Accepted Rick KB1TEE second Jay N1FDX full vote accepted by all

Pilgrim drill Oct 10, 2018 N1XTB Phil KB1TEE Rick

A drill was held for the Pilgrim Power plant Carver EOC had Phil, Denise, Rob, Bridgewater EOC had Rick and Allen. Connie asked about the drill Phil described the duties of the club members to us. This is a RACES function where members operate as the EOC's communications team. EOC (emergency operations center) are the places communications and plan development happen. Other members will operate from EPZ (emergency planning zone) locations for arriving evacuees. The Bridgewater EPZ's are St Thomas Aquinas Church and Bridgewater University gymnasium. Busses arrive at St Thomas and people are decontaminated and checked. Then they are either sent to relocation centers or to medical check.

Rick reported that the Bridgewater Fire Chief was notified that one of the EOC back up batteries is N/G (No Good). He will look into replacing all of them with funds from Entergy there is a battery charger that is also N/G. The Bridgewater EOC BECON DNN computer screen was nonoperational we did get the print outs from the computer. We need many more people to come out for the evaluation drill so the club will get funding.

**KB1TEE Rick reported that he will be stepping down as the newsletter editor. His last newsletter will be the February news 2019. Rick has worked on the newsletter for 4 years someone will have to step up and take over the news.**

Antenna party will take place once the climber has a couple of clear days to climb up the water tower. We have the antenna jumper wires and other items to go on the tower when the climber goes up. Jeff N1ZZN will be placing a new antenna and new equipment on the water tower for operations. 147.180 antenna is laying on top of the tank it needs new brackets and possibly a new jumper wire that are ready to go.

We need 4 - 12 volt 105 amp hour batteries for the backup power at the repeater location. Please contact N1XTB Phil if you know of or can help purchase them.

Jeff N1ZZN reported there is a club owned Fusion Yaesu FT1D anyone who would like to try it out contact Jeff. He has an antenna bullet for the messenger network.

Motion to adjourn the meeting made by Rick KB1TEE seconded by Jay N1FDX

## **Successful Ham Radio Contact between Students and Space Station Excites and Inspires**

"My best day as a teacher!" was educator Kathryn Craven's exuberant reaction following a successful October 22 ham radio contact between International Space Station (ISS) crew member Serena Auñón-Chancellor, KG5TMT, and youngsters at Ashford School in Ashford, Connecticut. ARRL Headquarters provided equipment for the Amateur Radio on the International Space Station ([ARRL](#))-sponsored event, and several ARRL Headquarters staffers were among those assisting in setting up the station, working with teachers, students, and the media, shooting photos, and offering other support.

The entire student body of the kindergarten-through-eighth grade school in northeastern Connecticut sat in rapt attention during the event, as a dozen of their classmates spoke directly to Auñón-Chancellor, who was at the helm of NA1SS on the ISS. Using ARRL's equipment, members of the Eastern Connecticut Amateur Radio Association ([ECARA](#)) set up the Earth station (KZ1M), with technical and hands-on help from W1AW Station Manager Joe Carcia, NJ1Q, who also assisted in summoning NA1SS for the approximately 10-minute pass.

One reporter asked Carcia what was being displayed on the large screen. "I explained that the program we were using -- *SatPC32* -- allowed us to see where the ISS is located and controlled the rotators with respect to our location," he said.

Some Ashford School students have been studying microgravity and are working on a research project that they hope will eventually be selected to be conducted on the ISS. Auñón-Chancellor, the Mission 56/57 flight surgeon, answered 16 student questions that ranged from "Do you wear sunscreen into space?" to "What is the hardest thing about having zero gravity?" and "How many flips can you do?"

Others attending on behalf of ARRL were ARRL Lifelong Learning Manager Kris Bickell, K1BIC; Lifelong Learning and Knowledge Department Administrator Ally Riedel, KM3ALF; ARRL Communications Content Producer Michelle Patnode, W3MVP, and ARRL Communications Manager David Isgur, N1RSN.

"It was great!" Patnode said afterward. "The space station responded right away, and everyone instantly got so excited."

Crews from four local television stations and print publication reporters joined an audience of more than 400.

"We are so incredibly grateful to ARISS, ECARA, and ARRL for making this possible for the entire Ashford School community," a statement on the [school's website](#) said.

"Our students were literally bursting with excitement at the end of the contact. Look out universe -- here comes the Mars generation!"

## **Detained Norwegian Radio Amateur Allowed to Leave Chad**

A tense situation involving a Norwegian radio amateur that reached the diplomatic and foreign ministry level in the African Republic of Chad has now been resolved. Kenneth Opskar, LA7GIA, had only operated as TT8KO for about a day before security police shut down his station on October 10. At that point, he'd logged and uploaded 2,150 contacts and had installed all antennas except a 160-meter vertical. Opskar considered the incident a minor distraction, until he was told that he had to remain in Chad pending undetermined scrutiny of his station and activity. Now, after having been detained in Chad for more than a week, Opskar said on October 24 that he's free to go.

## **Doreen Bogdan-Martin, KD2JTX, Elected as ITU Telecommunication Development Bureau Director**

ARRL member Doreen Bogdan-Martin, KD2JTX, has been elected as Director of the International Telecommunication Union ([ITU](#)) Telecommunication Development Bureau ([BDT](#)). Her election, on the first ballot in a three-way race, came on November 1 at the ITU's Plenipotentiary 2018 Conference in Dubai. Bogdan-Martin becomes



the first woman on the ITU executive team. Running on a campaign theme of "Sustainable Digital Development for All," Bogdan-Martin said she would work toward a Telecommunication Development Bureau that helps its members benefit from the drivers of innovation and economic development.

"We must help governments integrate ICTs [information and communications technologies] into their national development frameworks, actively support[ing] their ministries to ensure digital development strategies emphasize human capacity, digital skills, and empowering people," she said. "I envisage the BDT redoubling its efforts on digital inclusion, working to bring online the remaining 3.9 billion people still offline."

Her candidacy had strong support from US officials, including Secretary of State Mike Pompeo, Commerce Secretary Wilbur Ross, and FCC Chairman Ajit Pai.

"Ms. Bogdan-Martin is a true leader and professional who has dedicated more than 25 years to ensuring that all people can benefit from information and communication technologies," Pompeo wrote in endorsing her candidacy. "I have no doubt that Ms. Bogdan-Martin will be a driving force to ensure connectivity for all."

FCC Chairman Pai extended congratulations to Bogdan-Martin, who, he said, "has deep expertise in development issues and will play a pivotal role in accelerating the spread of digital communications throughout the globe."

Bogdan-Martin has more than 20 years of experience at the ITU. During the past decade she has headed the ITU General Secretariat Strategic Planning and Membership Department for the Secretary General. Her responsibilities have included developing the ITU's strategic and operational plans in the context of ICT trends and the global information economy, representing the ITU in engagement with other bodies, and directing and managing all ITU global conferences.



### **Key and paddle maker Palm Radio is going out of business.**

Proprietor Dieter Engels, DJ6TE, [announced](#) on the company's website, "For health reasons and after the passing of Brunhilde, DK7SN; Uli, DL2BAT, and Klaus, DL9SKE, I am not able to continue Palm Radio in its current form," Engels wrote. "I will only deliver remaining stock," and he invited inquiries via [email](#). Marshall Emm, N1FN, of Morse Express -- a carrier of Palm Radio products -- said that Engels "has been unwell for some time," but added that Morse Express would continue to service them for as long as it can. Palm Radio products have been popular among portable operators.

## Hamvention® to Host 2019 ARRL National Convention

[Hamvention®](#) will host the 2019 ARRL National Convention from May 17 - 19 in Xenia, Ohio. Hamvention, the largest annual Amateur Radio gathering in the US, and the ARRL National Convention will share the joint theme of "Mentoring the Next Generation" of Amateur Radio operators.



As host of the 2019 ARRL National Convention, Hamvention will feature dozens of forums covering a variety of Amateur Radio topics in the areas of technology, public service, on-air operating, training, and learning. A track of presentations will be organized to build on the mentorship theme, encouraging more individuals and radio clubs to lead new and inexperienced radio amateurs to become more active, involved, and engaged.

The National Convention will feature ARRL EXPO -- a large assembly of exhibits, activities, and representatives for ARRL programs and services. Details will be posted as these become available.

Hamvention 2019 will be the third held at the Greene County Fairgrounds and Expo Center in Xenia since the event relocated from Dayton. In 2018, Hamvention recorded its third-largest attendance ever with 28,417. Sponsored by the Dayton Amateur Radio Association® ([DARA](#)), an ARRL-affiliated club, Hamvention is a traditional meeting place for radio amateurs from all over, and the event attracts many international attendees each spring.

The new Hamvention venue features multiple buildings of indoor vendor exhibits, an outdoor flea market, and many food trucks and concession stands, with free onsite parking and at nearby remote lots served by free shuttles.

The Hamvention [website](#) will include details on how to obtain convention tickets as well as information about forums, exhibits (including vendor and flea market accommodations), travel, and preferred hotels with special rates. Convention tickets are \$22 in advance or \$27 at the gate. Tickets cover admission for all 3 days.





## **Florida Air Show Gives Ham Radio Some On-the-Air Exposure**

The Everglades Amateur Radio Club (W4SVI) put ham radio in the spotlight during the 2018 [Wings Over Homestead Air and Space Show](#), held in Homestead, Florida, November 2 - 4.

"We were given space on the tarmac in the STEM section which was intended [to get] kids interested in science, technology, engineering, and mathematics," said Robert Cruz, KE4MCL. "We were allowed to bring two of our field station vehicles right up to the tent and set up their free-standing masts."

The club fielded operating positions on HF through UHF, slow-scan TV, and satellites for special event station W4H. "All three stations were active during the event. Since we set up early on Friday, we operated fully off solar power that day as the onsite generator was not to be fired up until the weekend," Cruz explained. He said arriving on Friday offered an additional benefit. "The setup crew got to see most of the air show, plus some cool behind the scenes stuff, minus about 100,000 people," he quipped.

"Since this was a military airshow, I brought along a Collins R-388 and a BC-348 just for show and tell," Cruz recounted. "We had a few veterans come around and talk to us about how they used to operate one of these while [in the service]."

Cruz said a highlight of the weekend was a contact by Steve Taylor, W1HQL, with a crew member of the International Space Station. "The ISS had a scheduled school contact, and once they got out of range of the school, Steve called on a whim and the ISS responded for a quick QSO," Cruz said.

He said the club, which is headquartered in Homestead, tried something a little different at this year's air show. "Traditionally, Amateur Radio displays are filled with call signs and terminology that the general public doesn't understand," he said. "To a non-ham, a call sign looks like a license plate number, for example. We created a new banner targeted at those interested in preparedness and made sure it had plain English and not 'hamspeak' on it."

The club also created a half-page handout with the club's information and meeting time on it for visitors to take home instead of relying on having to look things up online. "We shall see if the new banner and handouts paid off at the next club meeting," Cruz said.

Other operators taking part included Alain Arocha, K4KKC; Esther Cruz, KI4OTX; Steve Taylor, W1HQL; John Kolasinski, KK4QKL; Logan Brauer, W0LAB; Frank DeCespedes, AK4FU; Luis Pinon, KI4VEY; Ivan Cholakov, [NO2CW](#), and Tommy Cholakov, [N1SPY](#). -- Thanks to Robert Cruz, KE4MCL



**At the W4H special event during the Wings over Homestead Air and Space Show, Robert Cruz, KE4MCL (center), looks on as Steve Taylor, W1HQL (left), aims a satellite antenna and John Kolasinski, KK4QKL (right), makes a contact. [Photo courtesy of the Everglades Amateur Radio Club].**

## **ARRL Staffers, State and Local Officials on Hand for Massachusetts ARISS School Contact**

ARRL [Teachers Institute on Wireless Technology](#) alumnus Mariusz Zielinski, KB1MDS, invited ARRL Lifelong Learning Manager Kris Bickell, K1BIC, Lifelong Learning Administrator Ally Riedel, KM3ALF, and ARRL Communications Content Producer Michelle Patnode, W3MVP, to witness an exciting November 2 Amateur Radio on the International Space Station ([ARISS](#)) contact with students at Pathfinder Regional Vocational Technical High School in Palmer, Massachusetts, where Zielinski teaches. Pathfinder Amateur Radio Club students queued up to ask mostly technical questions of NASA astronaut Serena Maria Auñón-Chancellor, KG5TMT.

The Pathfinder ARC [said](#) the ARISS project became "a school-wide endeavor, capitalizing on our students' interests in the trades and STEM subjects, giving them an interdisciplinary opportunity to apply their various skill sets." Over the 2-year run-up to the contact, Pathfinder students fabricated the antenna-aiming and mounting hardware. One goal of the project was to "provide an educational opportunity for students, teachers, and the general public to learn about wireless technology and radio science through Amateur Radio," the club described.

Palmer Town Councilor Robert Lavoie, Massachusetts Representative Todd Smola, and Massachusetts Senator Anne Gobi were on hand to present a citation of congratulations from the State of Massachusetts House of Representatives.



**Pathfinder student Avalee Strong (center) asks her question of astronaut Serena Maria Auñón-Chancellor, KG5TMT. At the right is student Paige Connery. Sean McFaul is behind Strong. [Photo courtesy of Pathfinder Regional Vocational Technical High School]**

## **ARRL Executive Committee Recommends Small Addition to *Articles of Association***

At its October 20 meeting, the ARRL Executive Committee voted to recommend to the full Board of Directors an addition to Article 1 of the *Articles of Association* of ARRL, per requirements of the Connecticut Secretary of the State. The minor addition is necessary to bring the *Articles* into alignment with Connecticut state statutes.



The requirement would add the sentence, "The Corporation is nonprofit and shall not have or issue shares of stock or make distributions," at the end of Article 1. If the full ARRL Board of Directors adopts the Executive Committee's recommendation at its January 18 - 19, 2019, meeting,

Article 1 of the ARRL *Articles of Association* would then

## US Senator Again Spotlights Ham Radio's Disaster Response Role



US Senator Roger Wicker of Mississippi has [tweeted](#) about the work radio amateurs have been doing in assisting with disaster response efforts in Florida after Hurricane Michael. Wicker noted that the trained volunteers help maintain critical communication to areas with no electricity, phone, or internet service. Wicker, a Republican, and Senator Richard Blumenthal, a Connecticut Democrat, sponsored the US Senate version of the Amateur Radio Parity Act (S. 1534). "Amateur Radio continues to be a critical part of our emergency communications operations," Wicker said at the time. "Mississippians learned firsthand after Hurricane Katrina how Amateur Radio operators can provide a resilient, distributed network to first responders and disaster relief organizations when other communications tools fail."

# *openSPOT•2*

The openSPOT2 is a standalone digital radio internet gateway (hotspot) designed mainly for amateur radio. You can talk with others on digital radio networks by using an openSPOT2, Wi-Fi internet access, and your radio. Compatible digital radio protocols and networks\*

- **DMR** (BrandMeister, DMRplus, DMR-MARC, Phoenix, XLX)
- **D-STAR** (DCS, REF/DPlus, XRF/DExtra, XLX)
- **System Fusion/C4FM** (FCS, YSFReflector)
- **NXDN** (NXDNReflector)
- **P25** (P25Reflector)
- **POCSAG** (DAPNET)

Supports cross modem modes (example: talk with your C4FM radio on DMR, and with your DMR radio on System Fusion networks).



## New Islands on the Air Groups Announced



Islands on the Air ([IOTA](#)) General Manager Roger Balister, G3KMA, recently announced the first tranche of six new IOTA groups. Release of the new groups came in the wake of an August solicitation for possible new groups. The new groups cover a Swedish/Finnish joint sovereignty island and groups in North America, Asia, and Oceania. All new groups have provisional numbers, which means they will need to be confirmed by an operation that takes place after October 14, 2018, and that meets the 1,000 QSO requirement, as well as other normal validation requirements. Only after confirmation of the number will credit for past operations be considered.

1. **EU-192P** Kataja Island, Finland/Sweden (Kataja), a split-sovereignty island located in the very north of the Gulf of Bothnia.
2. **OC-297P** Morane Atoll, Tuamotu Islands, French Polynesia (Morane), a new "remote island" group, this was previously an outlier of the OC-113 Actaeon group.
3. **NA-249P** Puerto Rico Coastal Islands, Puerto Rico (Caja de Muertos, Culebra, Culebrita, Mona, Monito, Vieques), a new "coastal islands" group.
4. **NA-250P** Yakutat County Group, Coastal Groups, US (Alaska) (Fitzgerald, Gregson, Khantaak, Knight, Kriwoi, Krutoi, Otmeloi), a new "coastal islands" group created by splitting the current NA-161 Skagway - Yakutat County group.
5. **AS-205P** Bering Sea Coast East group, Koryanskiy Avtonomnyy Okrug, Russian Federation - Asia (Yoanna Bogoslova, Vasiliya Islands), a new "coastal islands" group, created by splitting the current AS-064 Bering Sea Coast group.
6. **AS-204P** Kuril'skiye Islands North, Sakhalinskaya Oblast, Russian Federation - Asia (Atlasov, Shumshu, Paramushir, Antsiferova, Makanrushi, Onekotan, Kharimkotan, Chirinkotan, Ekarma, Shiashkotan, Raikoke, Matua, Rasshua, Ushishir, Ketoy, Simushir), a new group created by splitting AS-025 Kuril'skiye Islands into two.

Balister said he hopes to announce a second tranche of new IOTA groups at the HAM RADIO convention in Friedrichshafen, Germany, in June 2019.

## EASTERN MASSACHUSETTS ARES

Rob, KD1CY, our Section Emergency Coordinator (SEC) reports that we currently have 598 ARES members in the section. September was a busy month for Eastern Massachusetts ARES with 10 exercises, 7 public service events, 7 SKYWARN operations and 1 emergency operation. 12 ARES nets were active in September.

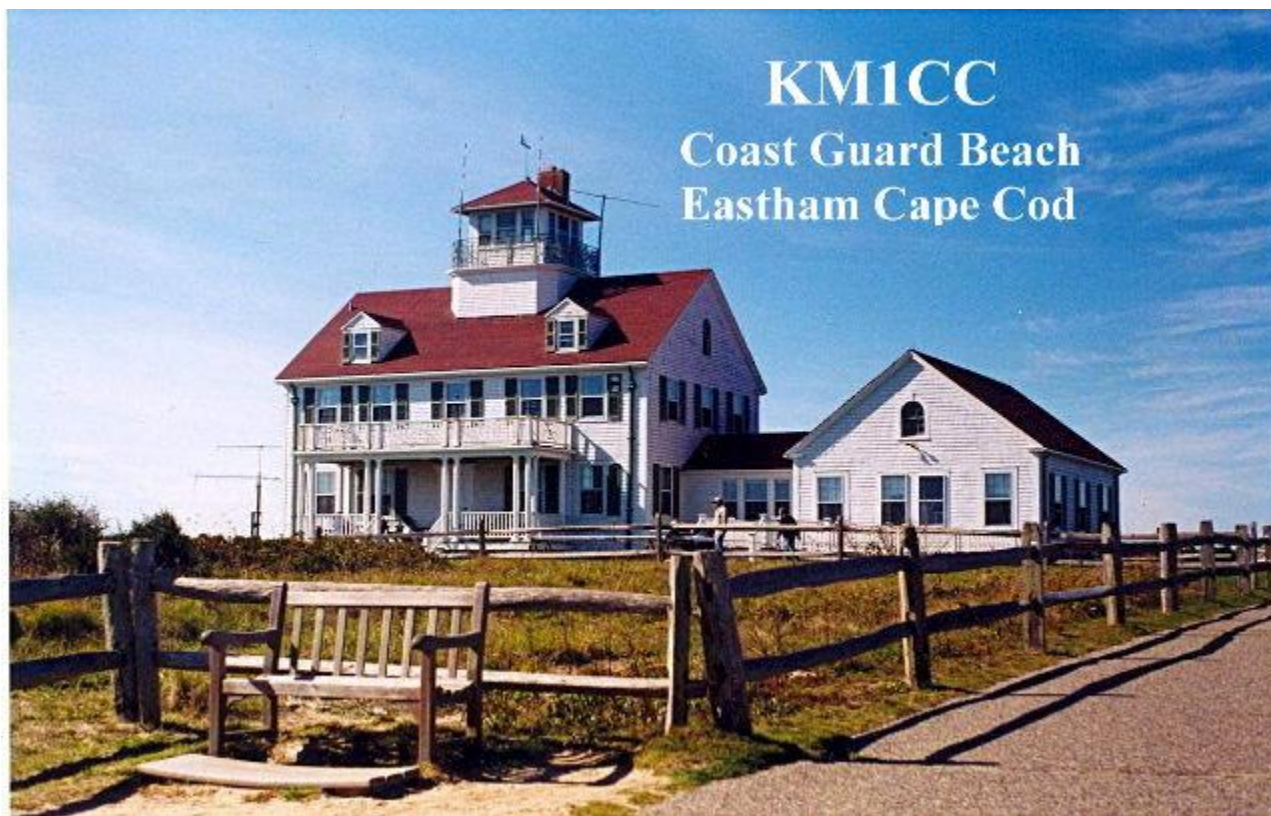
The first Monday of every month is a test of the Massachusetts RACES and ARES communication capabilities. When the first Monday is a holiday, the test will be held the following Monday. The monthly ARES Net is at 8:30 PM on the MMRA Repeater system.

An interesting new event dubbed "Operation Equinox", involving portable HF operations, was recently held at Hospital Hill in Rockport. Hospital Hill is a very high point on Cape Ann. Four HF stations were put on the air. (This information came via Gardner H Winchester II, KA1BTK, ARES Emergency Coordinator for Cape Ann).

<https://ema.arrrl.org/category/emcomm/>. This site is constantly maintained with the latest happenings by our EMA SEC, Rob KD1CY.

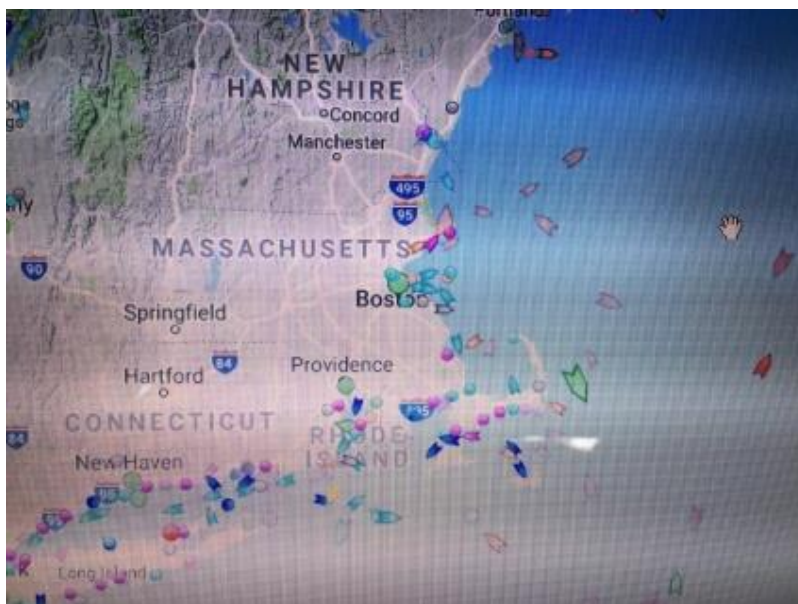
## Marconi Cape Cod Radio Club Special Event

The Marconi Cape Cod Radio Club, KM1CC should be planning to conduct a special event operation to commemorate the anniversary of Marconi's first trans-Atlantic transmission from the USA to Europe. Barring a blizzard, the group might be on the air in January no dates as of this time.



## Marine Traffic website

Anyone who is interested here is a marine radar website to check out free sign up. [www.marinetraffic.com](http://www.marinetraffic.com) you can zero in on areas or open wide and see the world.





# **WHITMAN AMATEUR RADIO CLUB**

## **Plimoth Plantation Special Event Station Thanksgiving Weekend**



To sign up for shifts at our booth, send an email with the dates & shift times to the club email at [wa1np@gmail.com](mailto:wa1np@gmail.com) [WA1NPO Home Page](#)

VHF: 147.225+pl67 or EchoLink: WA1NPO-R, IRLP: Node 8691  
HF: 3.860Mhz, 7.260Mhz, 14.260Mhz, 18.160Mhz

Setup on Friday November 23rd, 10am at the Plantations lower parking lot

On-Air event operations run from 8:00am-4:30pm Saturday November 24th and Sunday November 25th.

Take down begins at the conclusion of Sunday On-Air operations

[Please join us at the Plantation if possible.](#)

Multiple operators per station is very common. One may work contacts while the other logs contacts- then often switching functions. Others often stand by and jump on the air when someone takes a break. Anyone wishing to operate at a specific time, please email [wa1np@gmail.com](mailto:wa1np@gmail.com) with your dates/times & station preference and I'll add you to the schedule - or you can also just show up at the Plantation and find your way to either station. Listed operators spend quite a bit of time at these stations but they don't operate continuously so - anyone wishing to operate is very welcome to do so. New operators are encouraged to join us!

## **WINTERFEST 2019 WA1NPO**

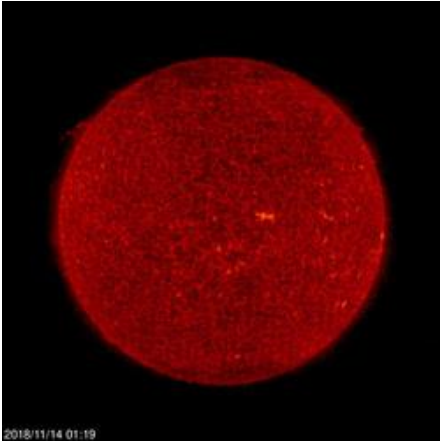
The Whitman club will have their annual WINTERFEST event at the K OF C hall in Whitman. January 19<sup>th</sup> 2019 0900-1300 9:00-1:00 for those that do not do 24 hour time. Vendors can start set up at 7:00. Vendor tables are available with paypal payment go to the [wa1np.org](http://wa1np.org) for \$15.00 per table, \$5.00 entry fee prize drawing at noon.





## The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: A single sunspot appeared on November 13 - 14, yielding a daily sunspot number of 11 over both days. So, the average daily sunspot number for the November 8 - 14 reporting week was 3.1, after no sunspots during the 7 days.



The average daily solar flux rose from 67.7 to 68.5, the average daily planetary A index declined from 12 to 8.1, and the average mid-latitude A index dipped from 8.1 to 6.3.

There were no sunspots for 26 days -- from October 18 to November 12. Does this place us near the bottom of the sunspot cycle? Perhaps, or somewhere in that direction. Look at sunspot numbers in [2008](#) and [2009](#), during the last solar minimum, and note the long periods with no sunspots.

Predicted solar flux over the next 45 days is 68 on November 15 - December 2; 69 on December 3 - 4; 70, 69, and 69 on December 5 - 7; 70 on December 8 - 15; 69 on December 16, and 68 on December 17 - 29.

The predicted planetary A index is 5 on November 15 - 24; 8 on November 25; 5 on November 26 - 30; 15 and 30 on December 1 - 2; 10 on December 3 - 4; 8 on December 5 - 6; 12 on December 7 - 9; 10 and 8 on December 10 - 11; 5 on December 12 - 27, and 15 and 30 on December 28 - 29.

Sunspot numbers for November 8 - 4 were 0, 0, 0, 0, 0, 11, and 11, with a mean of 3.1. The 10.7-centimeter flux was 69.5, 68.9, 69, 69.3, 68.2, 67, and 67.9, with a mean of 68.5. Estimated planetary A indices were 11, 10, 13, 7, 9, 4, and 3, with a mean of 8.1. Estimated mid-latitude A indices were 12, 6, 10, 5, 6, 3, and 2, with a mean of 6.3.

## Just Ahead in Radiosport

- November 16 -- YO International PSK31 Contest
- November 17 -- Feld Hell Sprint
- November 17 -- RSGB 2nd 1.8 MHz Contest (CW)
- November 17 - 18 -- LZ DX Contest (CW, phone)
- November 17 -18 -- 1.8 All Austrian 160-Meter Contest (CW)
- November 17 - 18 -- REF 160-Meter Contest (CW)
- **November 17 - 19 -- [ARRL November Sweepstakes \(SSB\)](#)**
- November 18 -- Homebrew and Oldtime Equipment Party (CW)
- November 19 -- Run for the Bacon QRP Contest (CW)
- November 21 -- 80-Meter Autumn Series (SSB)
- November 22 -- NAQCC CW Sprint

## New England Area Ham - Electronic Flea Market DATES 2018

2018

1 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor John 860 673 0518 +

2019

19 Jan Whitman MA WARC @KoC Rt18 Chris N1CFB 508 224 8528 +

16 Feb Marlboro MA AARC @MidSch Timothy KA1OS 508 919 6136 A+

23 Feb S Burlington VT RAoNV @HI I89x14 \$9@8 \$15@6 Mitch W1SJ 802 879 6589

3 Mar Nashua NH NEARC/NEVEC Radio50@Marriot CourtYard @8A 603 772 7516 F+

9 Mar Chicopee MA MtTomARA @Castle \$5@8:30 S@6:30 Brian N1FI 860 478 6790 +

24 Mar Southington CT SARA \$5@8@HS \$20/sp@6:45 John WA1JKR 860 621 8791 F+

29,30 Mar Lewiston ME AARC ME Conv @Ramada @8 Ivan N1OXA 207 784 0350 +

7 April Framingham MA FARA 9AM@KeefeHS \$25/T Andy KC1DMM 508 310 5913 +

28 April Thompson CT ECARA @ Raceway \$3 \$15/sp Jon KA1MPG 508 943 4467 F+

3-4 May Deerfield NH NEARfest XXV @FG Mike K1TWF 978 250 1235 +

12 May E Greenbush NY EGARA FireCo Bryan W2RBJ 518 894 3500 A+

18 May Brookline NH NEARC antique 603 772 7516 +

2 June Queens, NY HOSARC @HOS Stephen WB2KDG 718 898 5599 A+

25 Aug Newtown CT CARA @TownHall \$7@8 \$20/T John W1JGM 203 417 0160 +

28 Sept Brookline NH NEARC antique 603 772 7516 +

11,12 Oct Deerfield NH NEARfest XXVI @FG Mike K1TWF 978 250 1235 +

## HAM RADIO LOCAL AREA NETS

If you know of a Ham Radio Local Area Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact John – N1UMJ at: [N1UMJ@arrl.net](mailto:N1UMJ@arrl.net), so this list can be updated. All Frequencies are in MHz and 6 Meters (50.0 MHz and up.), are FM Mode unless otherwise noted. Thanks!

Sunday: WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0

8:45 AM New England phone net, 3.945 +/- LSB

NE Cracker Barrel Net, 7:00 PM Daily (Matt – W1AEM, NCO on Sun), 3.921.00 MHz LSB

Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB

Cape & Island Traffic Net, Mon. Tue. Thur. St. Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9

Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 131.8



Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5

Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0

Monday: Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5

Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0

Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0

New England DMR net, DMR-MARC repeaters talk group 3181 New England

Falmouth ARA Net, 8:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5

Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5

Tuesday: Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (Except 3rd Tue!)

Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 131.8

Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0

Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0

220 MHz Day! Try to find a 220 Repeater near you and give a call out!

Wednesday: Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (Except 1 st Wed!)

Blackstone Valley ARC , 2 Mtr Simplex Net, 7:00 PM, 146.565

Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0

Cape and Islands ARES Net, 8:00 PM, Dennis K1PBO Rptr, 146.955 – PL 88.5

Waltham Wranglers Swap Net. 9:00 PM, Waltham W1MHL Rptr , 146.64 – PL 136.5

Thursday: Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0

Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 131.8

10 Mtr General Class Rag-Chew Net, 8:00 PM, 29.470.0 FM

Sturdy Mem. Hosp. ARC ARES Practice Net, 8:30 PM, K1SMH Rptr, 147.195 + PL 127.3

900 MHz Day! Try to find a 900 Repeater near you and give a call out!

Friday: Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0

Saturday: South Shore Skywarn Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0

\*VKEMCOMM\* Echolink Conference node: 270177/IRLP 9508 (due to \*WX-TALK\* Echolink

conference node: 7203/IRLP 9219 outage) Refer to: <http://www.voipwx.net/>

## **Massasoit Amateur Radio Association Executive board**

President Denise Sisson KC1CFO  
Vice President Jeff Lehmann N1ZZN

Treasurer: Phil McNamara N1XTB

Secretary:

Call sign Trustee: Phil McNamara N1XTB

Repeater Trustees: Carl Aveni N1FY., Lou Harris N1UEC, Bob Mandeville N1EDM

**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/>

**Newsletter Editor** [kb1tee@gmail.com](mailto:kb1tee@gmail.com)

**WARC Web Page** <http://www.wa1npo.org>

**Qsl via** [www.eqsl.cc](http://www.eqsl.cc)

**Skywarn** [www.powersrvcs.org/w1gmf/skywarn.htm](http://www.powersrvcs.org/w1gmf/skywarn.htm)

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

**Monthly meetings** are held the 3<sup>rd</sup> Tuesday of each month at 6:30PM at the Bridgewater Public Library in Bridgewater Center. Talk-in is on 147.180+

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.

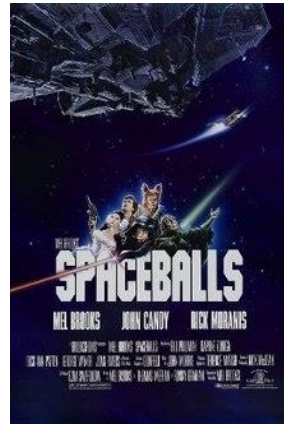
**VE Exams** are held the 2<sup>nd</sup> Saturday of every month, in Braintree contact Steve Cohen , W1OD via email w1od@arrrl.net. Walk-ins are no longer permitted. We will be hosting VE exams at 8:45 at the Watson building. If you know of anyone planning to take an exam, please have them drop a note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

**We are in need of a newsletter editor as of February I will not have time to do the news for our club please step up and keep it going**

**Rick KB1TEE**

## Editor Rick Emord KB1TEE

### TV and Movies using radio communications



*Spaceballs* is a 1987 American comic science fiction film co-written, produced and directed by Mel Brooks. Starring Brooks, Bill Pullman, John Candy, and Rick Moranis, the film also features Daphne Zuniga, Dick Van Patten, and the voice of Joan Rivers. In addition to Brooks in a supporting role, the film also features Brooks regulars Dom DeLuise and Rudy De Luca in cameo appearances.

The film's setting and characters parody the original *Star Wars* trilogy, as well as other sci-fi franchises including *Star Trek*, *Alien*, and the *Planet of the Apes* films. It was released by Metro-Goldwyn-Mayer on June 24, 1987, and was met with a mixed reception. It has since become a cult classic<sup>[4]</sup> on video and one of Brooks's most popular films.



Planet Spaceball, led by the incompetent President Skroob, has squandered all of its fresh air. Skroob schemes to force King Roland of the neighboring planet Druidia to give them the code to the shield that protects Druidia, allowing them to steal all their air, by kidnapping his daughter Princess Vespa on the day of her pre-arranged wedding to the narcoleptic Prince Valium. Skroob sends the villainous Dark Helmet to complete this



task with *Spaceball One*, an impossibly huge ship helmed by Colonel Sandurz. Before they can arrive, Vespa abandons her wedding and flees the planet in her Mercedes spaceship with her droid of honor, Dot Matrix.



Daphne Zuniga as Princess Vespa / Dick Van Patten As King Roland Princess Vespa's father



Daphne Zuniga and Dot Matrix voice is Joan Rivers





Out of fuel, Lone Starr is forced to crash-land on the nearby "desert moon of Vega". The escapees travel on foot in blazing sun and pass out. They are found by the Dinks, a group of diminutive sparkly brown-clad aliens, and are taken to a cave occupied by a sage named Yogurt, who is old and wise. Yogurt introduces Lone Starr to "The Schwartz", a [metaphysical power](#) similar to [the Force](#). Yogurt also introduces the audience to the film's [merchandising](#) campaign. Starr and Vespa begin to flirt, but Vespa insists she can only be married to a prince.



Michael Winslow as radar man / Mel Brooks as Yogurt





Helmet and Sandurz break the fourth wall by using a VHS copy of the film to discover Vespa's location, and Helmet orders *Spaceball One* to the moon. The Spaceballs capture Vespa and Dot, and return with them to planet Spaceball. Their captors threaten to reverse Vespa's nose job, forcing Roland to give the code to the shield that protects Druidia. Helmet and Sandurz take *Spaceball One* to Druidia, while Lone Starr and Barf rescue Vespa and Dot from the Spaceballs prison complex. When they arrive at Druidia, the *Spaceball One* ship transforms into *Mega Maid*, a robotic maid with a vacuum cleaner. The vacuum is then turned on, sucking the air off the planet. When the vacuum bag is almost full, Lone Starr uses the Schwartz to reverse the vacuum, successfully blowing the air back onto the planet.



Once the air is successfully returned to the planet, Lone Starr and his allies enter the *Mega Maid* to attempt to destroy it. Lone Starr is forced to fight Helmet with lightsaber-like "Schwartz rings" near the ship's self-destruct button. Lone Starr manages to defeat Helmet, causing him to involuntarily strike the button. Lone Starr and his friends escape the ship, while Skroob, Helmet, and Sandurz fail to reach any escape pods in time, trapping them in the robot's head as the ship explodes. Subsequently, they land on a nearby planet, much to the chagrin of its *Planet of the Apes*-like population.



With Lone Starr's debt to Pizza nullified by the gangster's untimely death, he returns Vespa to Roland and leaves, taking only enough money to cover his expenses. After a lunch break at a diner, and a strange incident involving an alien and an astronaut similar to the events in *Alien*, Lone Starr finds a final message from Yogurt informing him that he is a prince and thus eligible to marry Vespa. He manages to reach Druidia in time to stop her wedding to Valium, announces his royal lineage, then marries Vespa.

