



June, 2017
Volume 56 Issue 06

MARA News



Next meeting June 20, 2017 at the Bridgewater Public Library Bridgewater, MA

This month Jay N1FDX will discuss antennas assisted by Rick KB1TEE

Our next meeting is July 18, 2017 location TBA

Presidents notes from 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 in 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 Rick- KB1TEE@gmail.com and Denise KC1CFO Denigs1@aol.com any articles or photos you would like to see in, or on our MARA Newsletter, W1MV- MARA Website and / or Facebook Page. Jeff N1ZZN has created a link to Twitter to help get the word out even more!

We were not able to have our club party because of lack of interest. We will try again this coming winter.

We are planning on being at the Soule Homestead in Middleboro, for the Harvest weekend September, 16th from 9 to 5. We will be setting up to advertise for the MARA club and work a couple radios. Volunteers are needed as I will help with all aspects of the venture. Soule Homestead information; <http://www.soulehomestead.com/> 46 Soule Street Middleborough, Massachusetts 02346, info@soulehomestead.org, 508-947-6744

Thank you for those of you who were able to help with the YMCA run June 10. I was not able to be there to help , but did hear it went well. Many thanks to you Rick for all the work you do on the newsletter every month.

Looking forward to seeing everyone at the meeting June 20th at the library,
73 Denise - KC1CFO
President- Massasoit Amateur Radio Association

SECRETARYS NOTES – MARA MEETING 05/16/17 – Larry Kenney, W1VP

OPEN: Secretary **Larry W1VP** opened the meeting at 6:40 pm, 05/16/17.

ATTENDANCE: 9 members and guests were present including 1 elected officers

W1VP Larry Kenney (Sec)

N1FDX Jay Zappulla

KB1TEE Rick Emord

NR1FD Bill Burke

WA1BEE Allen Hiltz

WA1TOM Tom Luckman

N1IQI Loren Pimentel

Barry Kennedy N1EZH

AG1B Richard Metcalf

MEETING MINUTES :

Motion to accept the April 2017 MARA Secretary's report as published in the April 2017 newsletter made by **Jay N1FDX** with a second by **Barry N1EZH**. Motion passed vote by attending club members.

TREASURER'S REPORT: Club Treasurer **Phil N1XTB** did not attend the meeting. The reading of the April treasurer's report will be done at the June meeting.

New Business:

Rick KB1TEE provided an update on plans to operate aboard the USS Massachusetts during this years Museum Ships on the Air weekend starting Friday June 2nd at 8pm local time through 6pm Sunday June 4th using the **NE1PL** and **N1EPL** (cw) calls. A general discussion took place on the subject. **NE1PL.org** is a new website now built with info concerning this event. **John N1UMJ** is the IT director for the event & website. Operators and folks to greet the public at the stations are needed. Please contact Rick to volunteer.

Larry W1VP reminded everyone that **Denise KC1CFO** has arrange for the MARA club to have a table at the Saturday September 16th Soule Homestead event. A short general discussion regarding this event took place..

Richard AGIB provided an update on the most recent Foxhunt in Rochester, attended by **Kevin KB1MOC**, **Dave** an SWL friend and a visit by **Walt W1WCF**. There were no folks who found the automated FoxBox this time so the donated prize (A Baofeng HT, from **Mike KC1FMT**) was not given out. **Larry W1VP** mentioned an article regarding Foxhunting in the April CQ magazine contained a picture of **Richard AG1B**.

Rick KB1TEE mentioned **Loren N1IQI** was recently mentioned in the Eastern MA NTS traffic report for passing 110 messages! Congratulations Loren. Loren mentioned **John N1UMJ** also passes many NTS traffic messages.

Rick KB1TEE reminded everyone that **John N1UMJ** will be running net control operations for the Middleboro YMCA's Woody's Walk on June 10th and Triathlon on July 24th. Volunteers for radio operations are still needed. Please contract John at N1UMJ@arrl.net to help out.

Rick KB1TEE reminded everyone of the upcoming Go-Box symposium planned by **Ross W1EKG** from the Whitman club. It's taking place 9am-12noon at the United Methodist Church, 503 South Ave in Whitman.

CLOSE: A motion to adjourn the meeting made by **Rick KB1TEE** with a second by **Barry N1EZH**. Motion passed by attending club members. **Larry W1VP** closed the meeting at 7:29 pm 05/16/17.

After the meeting **Bill NR1FD** gave a very interesting presentation on Florida Amateur Radio Operations during the 'Florida SnowBird' season (Jan- April)

GO KIT SIMPOSIUM WA1NPO

The Whitman club will be hosting a go kit symposium on June 17th

Where United Methodist Church 503 South Ave Whitman MA 9am – 12pm
[map](#)

Calendar Whitman Amateur Radio Club

Description Ross W1EKG is holding our first club Go-Kit Symposium. We should have a number of Go-Kits on display. More details to follow when available.

Camp Yomechas Triathlon July 23rd

Please contact John Miller N1UMJ if you can assist with this race: n1umj@arrl.net to assist at Camp Yomechas 375 Wareham Street, Middleborough, MA

Swim 1 Mile, Bike 24 Miles, Run 6.5 Miles

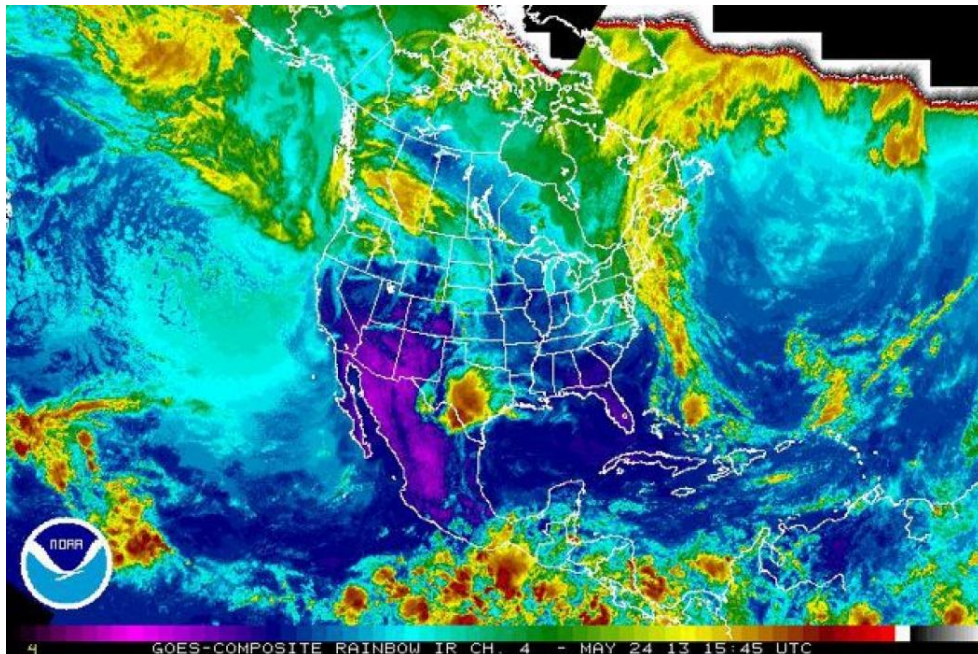
Sprint Triathlon

Swim .50 mile, Bike 12 miles, Run 3 miles



Skywarn net every Saturday night 2000 (8:00) on the 180

Please jump in and give your weather reports on the Skywarn net we meet at 8:00 on 147.180. If you want to be a Net controller contact Roy KB1CYV I am sure he would enjoy the help



South Shore Hospital Amateur Radio Club SSHARC received the following note about the Coop's Troop 5K for this year.

I wanted to let you know that we will be hosting the second annual Coop's Troop 5K this year and would love your assistance, if you are able to provide it. The HAM team was Great last year and helped us tremendously!

This year, Southfield is undergoing construction so we have to move our race to Bare Cove Park in Hingham, MA.

It will be held on Sunday, July 16th at 8:30.

Thanks, John O' K1JRO

International Lighthouse Lightship Weekend - ILLW

00.01UTC 19 August to 2400UTC 20 August 2017 (48 hours)

For some reason or other August seems to have become the international weekend for lighthouses. Countries all over the world have become involved in one for or another of lighthouse activity. Some years ago the United States Congress declared August 7th as their National Lighthouse Day and during that first week in August amateur radio operators in America set up portable stations at lighthouses and endeavour to make contact with each other. This event is known as the US National Lighthouse Week.

In Britain the Association of Lighthouse Keepers, [ALK](#), conducts International Lighthouse Heritage Weekend on the 3rd full weekend in August. Their objective is to encourage Lighthouse managers, keepers and owners to open their lighthouse or lightstation and related visitors centres to the public with a view to raising the profile of lighthouses, lightvessels and other navigational aids, and preserving our maritime heritage



However, the major event which takes place in August is the International Lighthouse Lightship Weekend, [ILLW](#), which came into being in 1998 as the Scottish Northern Lights Award run by the Ayr Amateur Radio Group. The history of this event can be found elsewhere on this site. The ILLW takes place on the 3rd full weekend in August each year and attracts over 500 lighthouse entries located in over 40 countries. It is one of the most popular international amateur radio events in existence probably because there are very few rules and it is not the usual contest type event. It is also free and there are no prizes for contacting large numbers of other stations. There is little doubt that the month of August has become "Lighthouse Month" due largely to the popularity and growth of the ILLW.

Field Day 2017

ARRL Field Day June 24-25, 2017 we will be joining the WA1NPO gang again this year at the East Bridgewater YMCA



MARA Soule Homestead harvest fest 2017

MARA club to setup a table featuring amateur radio communications at the Harvest Fest on the Soule Homestead Education Center (100 acre farm, family 4H activities, etc.) in Middleborough taking place Saturday & Sunday September 16th-17th



Volunteers will be needed to set up and operate radios for this event contact Denise KC1CFO for more information

New England Area Ham - Electronic Flea Market DATES 2017

18 June Cambridge MA Flea at MIT Mitch 617 253 3776 F
16 July Cambridge MA Flea at MIT Mitch 617 253 3776 F
20 Aug Cambridge MA Flea at MIT Mitch 617 253 3776 F
27 Aug Adams MA NoBARC @BoweFld 6:30sell 7:30buy Eric KA1SUN 413 743 9975
27 Aug Newtown CT CARA @Town Hall John W1JGM 203 417 0160 A
8,10 Sept Boxboro MA FEMARA NE Conv Mike K1TWF 978 250 1235
9 Sept Windsor CT VR+C Mus 115 Pierson LN @8AM Outside John 860 673 0518
10 Sept Ballston Spa NY SCRACES @FG \$6@7 Jim KG2H 518 703-9558 F
16 Sept Alexander ME StCVARC @EISch Roger W1LH 207 454 2174 A

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: At 2311 UTC on June 14 the Australian Space Weather Forecast Centre issued a geomagnetic disturbance warning, predicting geomagnetic activity to reach active levels -- with isolated minor storming possible -- on June 16. A very fast-moving stream of solar wind from a coronal hole is expected to arrive on June 16, possibly sparking G1-class geomagnetic storms as well as auroral displays at high latitudes.

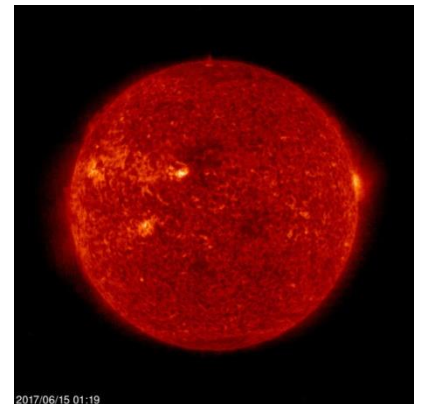
We saw four zero-sunspot days over the past week, so the average daily sunspot number declined from 19.3 to 4.9 from the previous 7 days. Average daily solar flux for the June 8-14 reporting week dipped from 77.1 to 74.4.

Average daily planetary A index increased from 5.6 to 7.3 and average mid-latitude A index went from 5.6 to 6.9. Over the June 1-7 reporting week, the mid-latitude and planetary A indices were both 5.6.

Predicted solar flux is 74 on June 15-21; 72 on June 22-24; 70 on June 25; 75 on June 26-July 7; 78 on July 8; 78, 77, 78, 76, and 74 on July 8-12; 72 on July 13-21; 70 on July 22-23, and 75 on July 24 and beyond.

Predicted planetary A index is 15, 25, 15, 12, and 10 on June 15-19; 5 on June 20-July 8; 15, 12, 8, 15, 25, and 15 on July 9-14; 12 on July 15-16, and 5 on July 17 and beyond.

Sunspot numbers for June 8 through 14, 2017 were 12, 0, 0, 0, 0, 11, and 11, with a mean of 4.9. The 10.7-centimeter flux was 74, 73.7, 74.7, 74.3, 75.2, 74.9, and 74.1, with a mean of 74.4. Estimated planetary A indices were 4, 5, 4, 17, 8, 8, and 5, with a mean of 7.3. Estimated mid-latitude A indices were 5, 6, 5, 14, 6, 6, and 6, with a mean of 6.9.



[Send](#) me your reports and observations!

Buildout of Nationwide First Responder Broadband Network Could Drive Amateur Radio Emergency Service (ARES) Changes

The First Responder Network Authority ([FirstNet](#)) -- a nationwide wireless broadband network for first responders -- could change the complexion of how the Amateur Radio Emergency Service® (ARES®) functions to support communication for responders during disasters and emergencies. As an independent authority within the US Department of Commerce's National Telecommunication and Information Administration ([NTIA](#)), FirstNet's mission is to build out, deploy, and operate an interoperable nationwide broadband network dedicated to first responders. Ralph Haller, N4RH, the chairman of the National Public Safety Telecommunications Council ([NPSTC](#)), told ARRL that the advent of FirstNet "will likely be as significant as when public safety first began using radio."



"The nationwide network will be hardened, so that it will be more likely that many of today's public safety systems remain operational in emergencies," Haller said, pointing out that Amateur Radio should not expect to have access to FirstNet. He cautioned, "The endurance of Amateur Radio systems in disasters has been a big selling point in the past for incorporating amateur operators in emergency plans, but perhaps not so much in the future."

NPSTC is a federation of organizations that work toward improving public safety communication and interoperability, and ARRL has a seat on NPSTC's Governing Board. Haller predicted that Amateur Radio's role in emergencies will not disappear. "There is no substitute for eyes and ears on the ground in an emergency," he said, adding that radio amateurs "can and should continue to play an important part" in supporting emergency communication.

"Amateur operators can continue to provide valuable information to emergency operations centers in the recovery phase of disasters," he said. "Whether that intelligence gathering is reporting on storm clouds, power outages, or road closures, amateurs can help provide critical, real-time information about conditions over a vast area. While first responders are treating the injured or protecting life and property, the amateur community can concentrate on assessing the overall picture."

On March 30, FirstNet and the Commerce Department announced a 25-year partnership with AT&T as the primary contractor to make FirstNet a reality. "The ability to communicate seamlessly across jurisdictions is critical for law enforcement, fire, and emergency medical services (EMS) when securing large events or responding to emergencies and disasters," a Commerce Department news release said. "In those instances, networks can become overloaded and inaccessible, limiting responders' use of vital communication technologies, such as smartphones and applications dedicated to public safety services."

Public safety agencies already use commercial wireless networks, such as AT&T and Verizon, to supplement their own radio systems and networks, although such communication is not point to point. FirstNet is initially targeted primarily to provide video and data, with mission-critical voice communication at least a decade away. EMS is likely to become a heavy user of the network, which will employ voice command functions a la Siri or Alexa. Inevitably there will be coverage gaps, and the development of "deployables" is critical. These devices can expand the network to areas it doesn't cover but where it may be needed for a specific incident. Deployables could include satellites -- Inmarsat is a member of the AT&T team. Network security and encryption is a high priority. The Military Auxiliary Radio System (MARS) now uses encryption on its data nets.



Ralph Haller, N4RH, the chairman of the National Public Safety Telecommunications Council.

While images in the form of digital Amateur Radio television (DATV) and a plethora of digital modes are available to ARES, FirstNet could nudge ARES to more quickly adopt a similar approach. A new generation of radio amateurs steeped in data, image, and video technology is likely to drive ARES to think beyond analog.

Haller advised that the Amateur Radio community should continue to work closely with public safety organizations at all levels to assure that they remain a part of emergency plans.



"The hype about broadband should not result in amateurs inadvertently being swept under the rug," Haller stressed. "Be sure the public safety organizations never forget how valuable the amateurs are!"

FirstNet will use spectrum at 700 MHz -- no immediate threat to Amateur Radio allocations, although there is no guarantee that this won't change as the network approaches the shift to 5th generation (5G) technology. Amateur Radio has access to significant spectrum above 700 MHz.

The expectation is that within a couple of years, a nationwide "core" network will be ready to roll out, and the first public safety users will be on board. Some regional networks have been set up for proof-of-concept purposes and to work out wrinkles. -- Thanks to Mike Corey, K11U, and Ralph Haller, N4RH

FCC Issues Notice of Unlicensed Operation in Public Safety Interference Complaint

The FCC has issued a *Notice of Unlicensed Operation* ([NUO](#)) to a Texas man for causing interference to a VHF public safety communications system in Dallas County. The FCC Enforcement Bureau issued the *Notice* to Bradley C. Pike of Dallas on May 17. On April 3, agents from the FCC's Dallas Enforcement Bureau Office responded to a complaint from Dallas County Consolidated Services regarding interference to their VHF public safety communications system.

Agents confirmed by direction-finding techniques that VHF emissions coming from Pike's residence were causing the interference. Pike surrendered a radio signal jammer after admitting to agents that he had used the device, the FCC said. The Communications Act not only prohibits intentional interference, but the manufacture, importation, marketing, sale, or operation of devices designed to jam or disrupt wireless communications deliberately.

Pike could face a substantial fine, seizure of radio equipment, and criminal sanctions, including imprisonment, the FCC said. Pike was given 30 days to respond to the *Notice*



Another Successful WX4NHC Annual Station Test in Advance of Hurricane Season

Over the holiday weekend, [WX4NHC](#) at the National Hurricane Center ([NHC](#)) in Miami logged nearly 200 contacts throughout the US, Canada, the Caribbean, and even Europe, during its annual station test, conducted ahead of the 2017 hurricane season, which begins on June 1 and continues through November 30. The annual exercise on May 27 served to check out Amateur Radio Station equipment, antennas, and computer systems.

"We had a very successful WX4NHC Radio Station Test," said Assistant WX4NHC Amateur Radio Coordinator Julio Ripoll, WD4R. "All of our radio and computer equipment and new main HF dipole antenna worked well. We feel that our equipment will perform well if needed during this hurricane season."

WX4NHC was on the air for about 8 hours, Ripoll said, and utilized all communication modes available at the station on HF, VHF, and UHF, including EchoLink, IRLP, DMR, D-STAR, D-RATS, and digital HF messaging via Winlink.

WX4NHC also tested the Florida statewide SARNet, which links more than 26 VHF/UHF repeaters and emergency operating centers. "Our UHF repeater on the Florida International University campus is part of SARNet, sponsored by the State of Florida Department of Transportation. Several stations throughout Florida, including the EOC in the state capital of Tallahassee went into the WX4NHC log.

From the Canadian Hurricane Center in Halifax, Nova Scotia, Bob Robichaud, VE1MBR, reported that it was 50° F (and 93° F in Miami at the time). Robichaud expressed appreciation for the cooperation between the Canadian and US hurricane centers and WX4NHC during the storm season, Ripoll said.

Rob Macedo, KD1CY, served as net control station for the VoIP Hurricane Net from WA1EMA at the Acushnet, Massachusetts, Emergency Management Agency. The Assistant Director of the Acushnet EMA, Ed Caron, KA1RSY, "also took time to make a contact and send his cool regards," Ripoll said.

WX4NHC also contacted the Lafayette, Louisiana EOC, the Slidell National Weather Service Office, the San Juan, Puerto Rico EOC, and stations in Germany and in Israel.

"Many of our contacts were with individual Amateur Radio operators who volunteer as SKYWARN spotters for their local NWS offices and also participate in the Hurricane Watch Net (HWN) on HF during hurricanes," Ripoll said. "One of them - Debbie Gray, WX9VOR, from Aurora, Illinois -- was very active relaying surface reports during Hurricane Matthew last year."

Ripoll thanked all who participated in the annual test. "We hope our services are not needed during this hurricane season," he added, "but if needed, we are ready to provide NHC backup communications and ready to receive those important surface reports from stations inside the hurricane. Your surface report or your relay can make a big difference.



Our Sun's 11-Year Magnetic Cycle Destined to Disappear

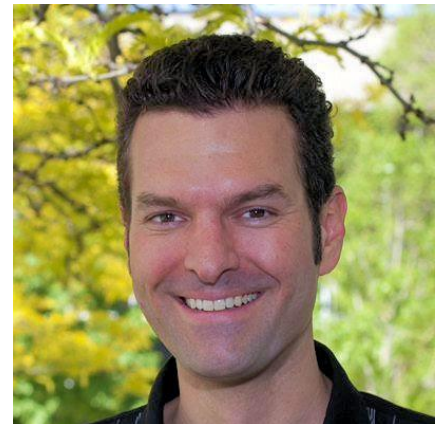
The Sun's 11-year magnetic cycle appears to be ending, but that won't happen anytime soon. In a [paper](#) submitted on May 26 to the journal *Solar Physics*, two solar scientists are reinterpreting earlier evidence to hypothesize that the Sun's rotation rate and magnetic field are in a transitional phase that could lead to lengthening solar cycles, with the cycle ultimately disappearing altogether between 800 million and 2.4 billion years from now. Travis S. Metcalfe and Jennifer van Saders propose the scenario in their paper "Magnetic Evolution and the Disappearance of Sun-like Activity Cycles."



"After decades of effort, the solar activity cycle is exceptionally well characterized, but it remains poorly understood," the authors say in the paper's abstract. "Pioneering work at the Mount Wilson Observatory demonstrated that other Sun-like stars also show regular activity cycles and suggested two possible relationships between the rotation rate and the length of the cycle. Neither of these relationships correctly describe the properties of the Sun, a peculiarity that demands explanation."

The authors cite stellar evidence for the shutdown of "magnetic braking" in stars similar to our Sun. "The new picture of rotational and magnetic evolution provides a framework for understanding some observational features of stellar activity cycles that have until now been mysterious," they said.

Metcalfe explained their observations through a recent Forbes magazine [article](#). "Our previous discoveries identified an unexpected transition in the rotation and magnetism of middle-aged stars," Metcalfe is quoted in the article, "The Sun's Magnetic Dynamo Is Weakening" by Bruce Dorminey. "We now have direct evidence that the stellar dynamo -- the mechanism inside stars that sustains their magnetic fields -- actually shuts down during this transition."



Solar researcher Travis Metcalfe.

BOXBORO
2017

September 8, 9, & 10

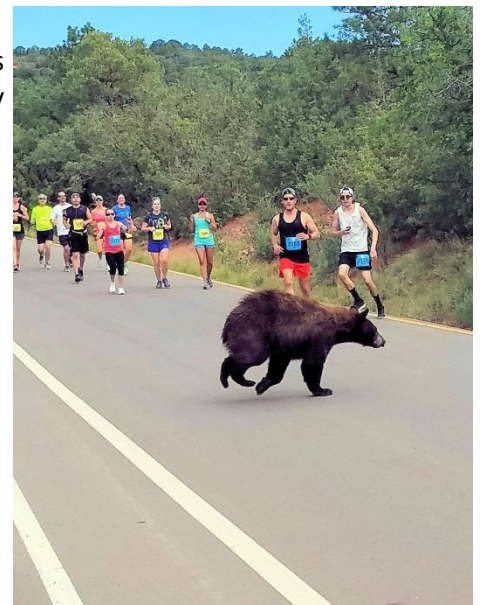
At the Boxboro Regency Hotel & Conference Center in Boxborough, Massachusetts

Just Ahead in Radiosport

- June 17 -- Feld Hell Sprint
- June 17 -- AGCW VHF/UHF Contest (CW)
- June 17-18 -- All Asian DX Contest (CW)
- June 17-18 -- SMIRK Contest (CW, phone)
- June 17-18 -- Ukrainian DX Classic RTTY Contest
- June 17-18 -- ARR BPSK63 Contest
- June 17-18 -- IARU Region 1 50 MHz Contest (CW, phone)
- June 17-18 -- Stew Perry Topband Challenge (CW)
- June 17-18 -- West Virginia QSO Party (CW, phone, digital)
- June 18 -- WAB 50 MHz Phone
- June 18 -- Kids Day Contest (phone)
- June 19 -- Run for the Bacon QRP Contest (CW)
- June 22 -- NAQCC CW Sprint
- June 22 -- RSGB 80-Meter Club Championship (SSB)

Bear is Unwanted Volunteer, as ARES Team Supports Colorado Road Race

- Lots of things can go awry when Amateur Radio volunteers are supporting public service events, from technical and weather problems to lost or injured participants. The 2017 Garden of the Gods 10-mile and 10-kilometer races in Colorado was no exception. On Sunday, June 11, the Pikes Peak Amateur Radio Emergency Service (ARES) deployed a dozen operators to support more than 1,400 runners in scenic Garden of the Gods Park just west of Colorado Springs. John Bloodgood, KD0SFY, Region 2, District 2 Emergency Coordinator and Public Information Officer said all was going well, with cooperative weather and only a slight delay due to traffic -- nothing out of the ordinary.
- "The real excitement came when a couple of the reporting positions called in to report that a bear was on the course," Bloodgood said. "Bears are not uncommon in this area, and most of the locals aren't too fazed by them; we know they will be out foraging this time of year." But for runners unfamiliar with the lay of the land there, the sudden appearance of a bear can be alarming, he added.
- "This bear was apparently trying to get across the road and wasn't quite sure why all these people were running through its home so early on a Sunday morning," Bloodgood said. "It finally saw a gap between groups of runners and dashed across the road, but not before local runner Donald Sanborn managed to get a few pictures of it. In the end, the problem resolved itself before any intervention was necessary."
- Bloodgood said Dan Huber, KNOMAP, saw the bear and was the first operator to call it in. Matthew Bowker, KD0THF, reported it based on reports from runners.
- Bloodgood said the ARES volunteers tracked the first three male and female runners from both the 10-mile and the 10-kilometer races, reported on any medical issues, supported aid station logistics, helped to ensure the course was clear, tracked the last runners, and provided an operator on a bicycle for the sweep function.
- Bears notwithstanding, Bloodgood said the event has been a fairly easy one to support and offers a good training ground for less-experienced operators. "Our most intense and demanding events, the Pikes Peak International Hill Climb (vehicle race) and Pikes Peak Ascent and Marathon (half and full marathons) are coming up," he added. Read [more](#).



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 Barry – N1EZH at: N1EZH@comcast.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**
6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate
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, Every 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 82.5
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
Falmouth ARA Net, 7:30 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 82.5
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 1st 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 82.5
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: Larry Kenney K1LJK
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

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

Qsl via www.eqsl.cc

Skywarn 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 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 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.

Editor Rick Emord KB1TEE



TV and Movie radio usage



Operation Petticoat is a 1959 American World War II submarine comedy film in Eastmancolor from Universal-International, produced by Robert Arthur, directed by Blake Edwards, that stars Cary Grant and Tony Curtis.

The film tells in flashback the misadventures of the fictional U. S. Navy submarine, *USS Sea Tiger*, during the opening days of the United States involvement in World War II. Some elements of the screenplay were taken from actual incidents that happened with some of the Pacific Fleet's submarines during the war. Other members of the cast include several actors who went on to become television stars in the 1960s and 1970s: Gavin MacLeod of *The Love Boat* and *McHale's Navy*, Marion Ross of *Happy Days*, and Dick Sargent of *Bewitched*.

Paul King, Joseph Stone, Stanley Shapiro, and Maurice Richlin were nominated for the Academy Award for Best Writing for their work on *Operation Petticoat*.



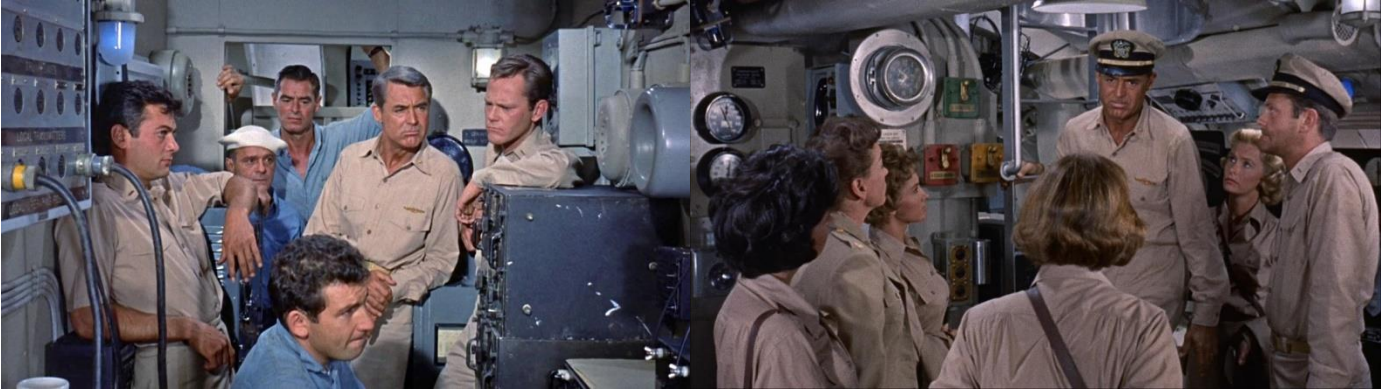
In 1959 U. S. Navy Rear Admiral Matt Sherman (Cary Grant), ComSubPac, boards the obsolete submarine *USS Sea Tiger*, prior to her departure for the scrapyard. Sherman, a plankowner and her first commanding officer, begins reading his wartime personal logbook, recalling earlier events.

On 10 December 1941, a Japanese air raid sinks *Sea Tiger* while docked at the Cavite Navy Yard in the Philippines. Lieutenant Commander Sherman and his crew begin repairs, hoping to sail for Darwin, Australia before the Japanese overrun the port. Believing there is no chance of repairing the submarine, the squadron commodore transfers most of Sherman's crew to other boats, but promises Sherman that he will have first call on any available replacements. Lieutenant (junior grade) Nick Holden (Tony Curtis), an admiral's aide, is reassigned to *Sea Tiger* despite lacking any submarine training or experience.

Holden demonstrates great skill as a scrounger after Sherman makes him the supply officer. He teams up with Marine Sergeant Ramon Gallardo, an escaped prisoner (he was caught misappropriating Navy property to run his own

restaurant in Manila), to obtain materials desperately needed for repairs, persuading the captain to sign on Ramon as the ship's cook. What Holden and his men cannot acquire from base warehouses, they "midnight requisition" from various military and civilian sources.

Refloated and restored to barely seaworthy condition, with only two of her four diesel engines operable, *Sea Tiger* puts to sea. She reaches Marinduque, where Sherman reluctantly agrees to evacuate five stranded female Army nurses. Holden is attracted to Second Lieutenant Barbara Duran (Dina Merrill), while Sherman has a series of embarrassing encounters with the well-endowed and clumsy Second Lieutenant Dolores Crandall (Joan O'Brien). Later, when Sherman prepares to attack an enemy oiler moored to a pier, Crandall accidentally hits the "fire" button before the Torpedo Data Computer has transmitted all the settings to the torpedo. It misses the tanker and instead "sinks" a truck ashore, and the *Sea Tiger* flees amidst a hail of shellfire.



Sherman tries to put the nurses ashore at Cebu, but the Army refuses to accept them, as the Japanese are closing in. Unable to obtain needed supplies from official sources, Sherman allows Holden to set up a casino in order to acquire them from the soldiers who have taken everything useful into the hills for resistance use. Chief Torpedoman Molumphy has been asking for paint. Holden manages to get some red and white lead primer paint, but does not have enough of either to prime the entire hull. The two are mixed together, resulting in a pale pink primer that the chief reluctantly has applied. A Japanese air raid forces a hasty departure before the crew can apply the top coat of navy gray.

Tokyo Rose mocks the mysterious pink submarine, while the U. S. Navy believes it to be a Japanese deception, ordering that it be sunk on sight. An American destroyer spots *Sea Tiger* and opens fire, then launches depth charges when the submarine crash dives. Sherman tries an oil slick and then launches blankets, pillows, and life jackets, but the deception fails. At Holden's suggestion, Sherman ejects the nurses' lingerie. Crandall's bra convinces the destroyer's captain that "the Japanese have nothing like this", and he ceases fire. *Sea Tiger*, still pink, arrives at Darwin, battered but under her own power.





Cmdr Sherman Cary Grant, Lt Holden Tony Curtis

Lt. Cmdr. Matt T. Sherman:

I don't want to bore you with the problems of command Mr. Holdan, because I doubt you'll ever have one. It's inconsistent with that philosophy of yours - every man for himself.

Lt. Nicholas Holden:

Dog eat dog.

Lt. Cmdr. Matt T. Sherman:

Exactly. The unfortunate thing about command though, Mr. Holdan, is that the responsibilities outweigh the privileges. Now if it was just myself I was concerned with I'd tell you what to do with that list. But my responsibility is this boat, and to get her out of here I'd even make a pact with the devil.

Lt. Nicholas Holden:

That's where I come in.

Lt. Cmdr. Matt T. Sherman:

That's right.

Lt. Cmdr. Matt T. Sherman:

When a girl is under 21 she's protected by law. When she's over 65 she's protected by nature. Anywhere in between, she's fair game. Look out.

Chief Mechanic's Mate Sam Tostin: Arther O'Connel

A woman just shouldn't mess around with a man's machinery.
