



October, 2016
Volume 55 Issue 10

MARANews



Next meeting October 18, 2016 at the Bridgewater Public Library

November 15 2016 at the Bridgewater Public Library

December no meeting happy Holidays

Presidents notes from KC1CFO Denise Sisson



Presidents Monthly Message for September 2016 from Denise - KC1CFO

New and Additional Net Controls: We could use some more Net Control Operators to help us with our weekly MARA and South Shore SKYWARN Nets. Once we have some more, our plan is to come up with a rotation which we discussed and began to implement at our March Meeting and will continue this each month as others would like to try being a Net Control Operator. Anyone is welcome to join us for either our Weekly MARA Net (Tue – 8:00 PM) or South Shore SKYWARN Net (Sat 8:00 PM)! This is Your Club, so please consider participating as Net Control Operator for one of our Nets. I have a copy of our preamble for both Nets and will customize it with your Name & Call Sign information, then email it to you. We will be glad to answer any questions you may have!

MARA Facebook Page: Our Massasoit Amateur Radio Association Facebook Page with Club Events, Meeting photos, etc. is occasionally updated so that it can be another resource for us in which to spark interest in 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! Hi all, Looking forward to the meeting next Tuesday Oct. 18th. Nothing new to report at this time as I have been away.

73 Denise KC1CFO

President - Massasoit Amateur Radio Association

SECRETARYS NOTES – MARA MEETING 09/20/16 – Larry Kenney, K1LJK

OPEN: Vice President **Jeff Lehmann N1ZZN** opened the meeting at 6:30 pm, 09/20/16.

ATTENDANCE: 12 members and guests were present including 3 elected officers

N1ZZN Jeff Lehmann (V.Pres)	N1XTB Phil McNamara (Treas)	K1LJK Larry Kenney (Sec)
N1EZH Barry Kennedy	AB1CQ Garry Cumiskey	AG1B Richard Metcalf
N1UMJ John Miller	W1WCF Walt Fitzgerald	N1IQI Loren Pimentel
KB1TEE Rick Emord	N1FDX Jay Zappulla	WA1RIW Rich Carnes

MEETING MINUTES :

Motion to accept the August 2016 MARA Secretary's report as published in the August 2016 newsletter made by **Barry N1EZH** with a second by **Jay N1FDX**. Motion passed vote by attending club members.

TREASURER'S REPORT:

Club Treasurer **Phil N1XTB** presented the August treasurers report. Motion to accept as read made by **KB1TEE** with a second by **Walt W1WCF**. Motion passed vote by attending club members.

Old Business:

- **Jeff N1ZZN** inquired how the weekly net control volunteer situation was progressing. **Barry N1EZH** commented the usual folks are still handling net control and a few new folks have participated.
- **Jeff N1ZZN** reports the new 900 Mhz internet link was causing a constant clicking problem on the repeater. With this shut off, there are still occasional clicking sounds heard, including during the 8pm net. Jeff speculated 2.4

Ghz Wifi signals may be mixing with the repeater signal. It's unknown how to filter this. A general discussion took place on possible methods to investigate the issue and who at the college could be contacted for info/help.

- **Phil N1XTB** updated the members on the upcoming Entergy drills (one planned for mid-October (19th), one planned for mid-November (16th)). Emails will be sent out to the Bridgewater EOC distribution w/more details. Phil is asking Rob Macedo or Mike Nelson to cover these drills as he will be tied up with drills at the Carver EOC. Drills run from 8:30am-1:00pm.
- **Jeff N1ZZN** commented on the recent Boxboro Ham convention and a short general discussion took place.
- **Jeff N1ZZN** commented the **W1MV** website now includes his IRLP/EchoLink info page provided to **Pete N1NVV** by **Larry K1LJK**. Also the broken links on the website, reported at last month's meeting appear to be fixed now.
- **Garry AB1CQ** recalled a past discussion regarding the need to keep the telephone line at the repeater site and eliminating it to save approx. \$30/mo. **Jeff N1ZZN** and **Phil N1XTB** commented the goal was to establish an internet link to the site and utilize VoIP. Once this works, the phone line could be dropped. Phil plans to try a 5 Ghz link since the 900Mhz link didn't work well. A short general discussion took place on the logistics of adding the 5 Ghz equipment for the internet link.
- **Jeff N1ZZN** reminded everyone of the recent Silent Key, **Ed Meehan N1NTZ**, a former MARA and Whitman club member. Ed passed on August 25th, 2016 at the age of 84.

New Business:

- **Phil N1XTB** reports **Roy KB1CYV** advised him he expects to be tied up w/personal business and will not be able to participate in future EOC activities until further notice.
- **Jeff N1ZZN** informed everyone that an Extra level training class, offered by the Whitman club is starting tonight, Tuesday Oct 20th at the Whitman Police Station. It should run for 7 weeks on Tuesday nights, starting at 7pm. The Whitman class is also starting a Technician class on Thursday nights, starting on October 20th. (first class starts at 8pm, all other start at 7pm). Full details can be found on the Whitman clubs training webpage: <http://www.wa1npa.org/training/training.htm>. The discussion also included a recommendation for the online training videos by **Dave Casler KE0OG**.

CLOSE: A motion to adjourn the meeting made by **Barry N1EZH** with a second by **Rick KB1TEE**. Motion passed by attending club members. **Jeff N1ZZN** closed the meeting at 6:55 pm 9/20/16.

Following the meeting, **Rick KB1TEE** gave a very interesting presentation on lacerations and emergency wound care. Thanks Rick!

Rick – KB1TEE-Lacerations Presentation – September 20, 2016:



Below are the photos from our September 20, 2016 MARA Meeting where Rick – KB1TEE gave his Presentation on Lacerations and other wounds along with the First Aid measures to treat them.

Top Left: Rick – KB1TEE giving his presentation on Lacerations and how to treat them. Top Right: Rick – KB1TEE and Larry – K1LJK.

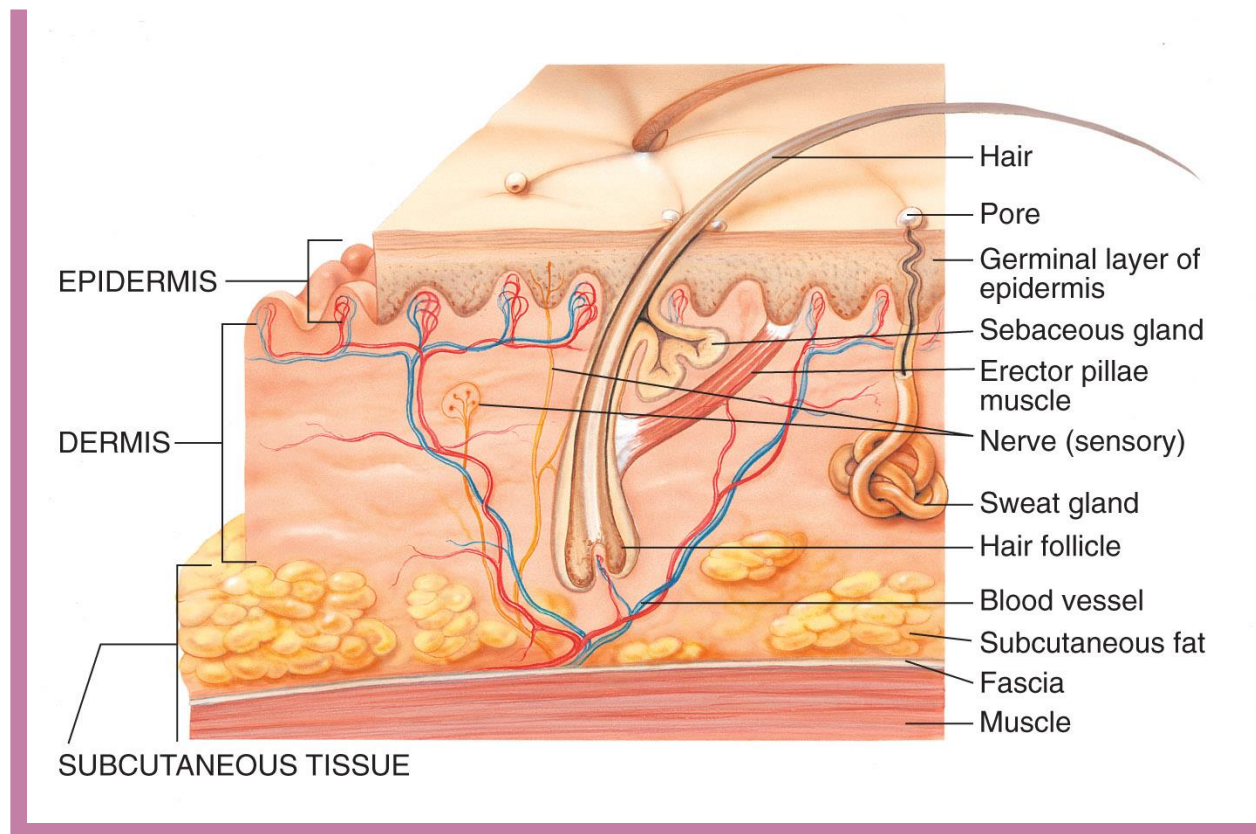
Bottom Photo: Members present at our September MARA Meeting listening to Rick – KB1TEE presentation from L to R are: Richard – AG1B, Walt – W1WCF, John – N1UMJ, Loren – N1IQI, Phil – N1XTB, Jay – N1FDX, ???,. Members not in the photos are Jeff – N1ZZN our V.P. who ran our meeting prior to the presentation, and Barry – N1EZH who took the below photos. 73 de Barry – N1EZH



Our presenter had a baby before the meeting on Sunday so he had to be elsewhere understandable



As you can see I bored the heck out of the crowd, but I hope you remember all breaks in the skin need to be thoroughly cleaned. Remember all breaks in the skin need to be covered to help prevent infection. Use a topical antiseptic on the wound like Bacitracin, check to make sure you are not allergic to any ingredients.



Layers of the outer covering of your body the epidermis are the outer layers. It is our protective shell. Scrapes, abrasions, and mild wounds will penetrate this easily. If a wound gets into the dermis infection risk is greater. Please do not use an antibacterial soap on deep wounds. You should use Hydrogen peroxide to clean it online you can find many articles from medical sources on why not to use an antibacterial soap.

Amateur Radio Volunteers Mustered in Response to Hurricane Matthew

After the longest activation in its more than 50-year history, the Hurricane Watch Net ([HWN](#)) secured operations for Hurricane Matthew on October 9 at 0400 UTC. HWN Manager Bobby Graves, KB5HAV, reported that the net was in continuous operation for 6 days, 7 hours, gathering real-time ground-truth weather data as the storm passed through the Caribbean and up along the US Eastern Seaboard, and passing the data along to [WX4NHC](#) at the National Hurricane Center ([NHC](#)). Various Amateur Radio Emergency Service (ARES) nets also activated along the East Coast. The first major hurricane of the 2016 Atlantic hurricane season and, at one point, a Category 5 storm, Matthew was downgraded to a post-tropical cyclone as it headed out into the Atlantic.

"Many have perished in Haiti and Cuba as a result of Matthew, and the death-toll rises still," Graves noted. "Many residents in the Bahamas and the US East Coast states of Florida, Georgia, South Carolina, and North Carolina felt the impact of Matthew as well." More than 30 died in the US. FEMA reports that power remained out for thousands of Florida, Georgia, South Carolina, and North Carolina residents as of October 13. Cell service also was affected.

The VoIP SKYWARN/Hurricane Net ([VoIPWX](#)) attracted a number of visitors, according to net managers. "On board Saturday afternoon, in addition to WX4NHC at the National Hurricane Center, stations representing a number of FEMA regional offices and the National Response Coordination Center monitored the net for



actionable intelligence to be used to plan recovery operations," said net Public Affairs Officer Lloyd Colston, KC5FM. The net also activated on October 3.

The net said its Georgia Reflector was linked to the WX-Talk conference, so net managers could help to relay reports to local National Weather Service offices on NWSchat and the NHC.

According to Chief of Operations Dennis Dura, K2DCD, the net established a link up the East Coast into North Carolina and continued to monitor for damage assessment in areas the hurricane had already passed. The net supported the NHC on the WX-Talk Conference, Node #7203 on [EchoLink](#).



The Salvation Army Team Emergency Network ([SATERN](#)) on 14.265 MHz also was active for Matthew, handling outbound emergency, priority, or health-and-welfare traffic from hurricane-affected areas.

Among activities in Georgia, ARES District Emergency Coordinator and MARS member Tom Holcomb, K5AES, reported that WX4GMA, the Georgia Emergency Management Agency ARES team station, was activated on October 7, running 12-hour shifts. Operation was on HF as well as on D-STAR and *EchoLink*.

HF message traffic included shelter updates from coastal counties and periodic NHC weather updates via WX4NHC, which were passed along to the GEMA director. Coastal county-related traffic and weather updates also were handled via D-STAR. [WinLink](#) was used to pass periodic status updates from the Georgia State Defense Force, a volunteer component of the Georgia Department of Defense. The *EchoLink*

Georgia Conference node provided updates on storm-related conditions. On October 6, ARES and Army MARS personnel were called on to provide technical assistance to, and an operator for, a FEMA [SHARES](#) station in Atlanta.

Among activities in South Carolina, ARES volunteers staffed evacuation shelters, with radio amateurs coming from outside the affected areas to help. "Overall, I believe the radio operators that were available for the event did an outstanding job and I am proud to know them," said South Carolina Section Emergency Coordinator Joe Markey, AJ4QM.

[According to FEMA](#) on October 13, mainstream river flooding threatened the Carolinas, and some dams were breached. Several hospitals remained closed.

The Hurricane Watch Net activated again for several hours on October 13 for Hurricane Nicole, after a hurricane warning went into effect for Bermuda. The NHC at one point called Hurricane Nicole an "extremely dangerous" Category 4 storm, with maximum sustained winds of 125 MPH. The VoIP Hurricane Net ([VoIPWX](#)) also activated to monitor online weather stations and storm bloggers from the Caribbean Hurricane Network ([stormCARIB](#)), as well as social media.

"While we do hope this is the last hurricane for this season, let us not forget we are still in Hurricane Season," the HWN's Graves said. The Atlantic Hurricane Season ends on November 1.



Current Rules Holding Hams Back from Adopting State-of-the-Art Technology, ARRL Says

In [comments](#) filed on October 12 with the FCC, ARRL reiterated its case that the FCC should impose a 2.8 kHz limit on symbol rate for digital modes, arguing that its approach is both balanced and necessary. ARRL had asked the FCC to change the Part 97 rules to delete the symbol rate limits in Section 97.307(f) and replace them with a maximum bandwidth for data emissions of 2.8 kHz on amateur frequencies below 29.7 MHz. In a July *Notice of Proposed Rule Making* ([NPRM](#)) in WT Docket 16-239, the FCC proposed to eliminate the current baud rate limitations for data emissions, consistent with ARRL's *Petition*, but it declined to propose a *bandwidth* limitation for data emissions in the MF and HF bands to replace the baud rate limitations.



ARRL told the FCC in its comments that the current HF symbol rate "speed limit" reflects 1980s technology and has no place in an experimental radio service in which modern protocols could be efficiently deployed in crowded RTTY/data subbands.

"The symbol rate limit was created in order to maximize the efficient use and reuse of that crowded, shared spectrum, but the assumptions made at the time are no longer valid," ARRL said, "and the rules now prohibit radio amateurs from utilizing state-of-the-art technology, thus precluding or substantially inhibiting any meaningful contribution to the advancement of the radio art in this area." ARRL said earlier assumptions are no longer valid mainly because there is no correlation between the data rate and the occupied bandwidth in the rules now.

The League said present rules in the HF data subbands promote inefficiency, allowing data transmissions of unlimited bandwidth as long as the symbol rate is sufficiently low, and it stressed that there must be *some* limit on occupied bandwidth for HF data emissions.

"Eliminating the symbol rate limitations for data emissions *and substituting a maximum authorized bandwidth* would permit the utilization of all HF data transmission protocols presently legal in the Amateur Radio Service, as well as state-of-the-art protocols that fall within the authorized bandwidth," the League said. The deadline to file reply comments in the proceeding -- i.e. comments on comments already filed -- is November 10.

Pacific Seafarer's Net Assists in Maritime Rescue of Sailors on Sinking Sailboat

The [Pacific Seafarer's Net](#) relayed a call for help and contacted the US Coast Guard on September 28, after the SV *Rafiki* began taking on water some 230 miles south of Cold Bay, Alaska. At approximately 0300 UTC, Charles Houlihan, KD6SPJ, a net relay station, received the distress call from the sailboat's captain. Houlihan, who was also at sea in SV *Jacaranda*, contacted Randy VanLeeuwen, KH6RC, a net relay station in Hawaii. He, in turn, got in touch with Hawaii USCG District 14 to report the incident and provide *Rafiki*'s location. The Hawaii USCG district then contacted the 17th USCG District in Alaska, which handled the rescue. VanLeeuwen kept in constant radio contact with the *Rafiki* until contact was lost. Fred Moore, W3ZU, in Florida, and Peter Mott, ZL1PWM, in New Zealand, also were on frequency and in contact with the vessel's captain until a US Coast Guard rescue helicopter arrived.

The Jayhawk helicopter crew was able to hoist the captain and a crew member to safety at around 1000 UTC, after dropping survival suits. Both men were reported to be uninjured, but the vessel was abandoned. The two men were taken to Kodiak, Alaska, for medical attention.

The incident occurred just before the net's daily roll-call, when a call is put out for medical, emergency, or priority traffic. The Pacific Seafarer's Net convenes daily on 14.300 MHz at 0300 UTC to monitor the progress of maritime Amateur Radio operators sailing in the Pacific. Read [more](#). --
Thanks to the Pacific Seafarer's Net and the US Coast Guard

A crew member of Coast Guard Station Valdez receives a hoist basket from an MH-60 Jayhawk helicopter during rescue hoist training in Port Valdez, Alaska, on September 14. [US Coast Guard photo by Bill Colclough]

Donations of Unwanted Amateur Radio, Test Gear Support ARRL's Mission

Downsizing your shack? Want your now-unused equipment to help promote and preserve Amateur Radio for future generations? Consider donating your used Amateur Radio and test equipment to ARRL.



The ARRL Lab accepts used equipment from radio amateurs and their families. Once evaluated, much of the donated equipment is sold, and proceeds help to fund programs that educate, promote, and preserve the values of Amateur Radio. Assistant ARRL Laboratory Manager Bob Allison, WB1GCM, is spearheading the donation program.

"A common problem for hams and their families is what to do with surplus Amateur Radio equipment," Allison said. "We have, for a number of years, accepted in-kind donations on a limited basis. Now, thanks to dedicated volunteers in the ARRL Lab, we have additional help to efficiently clean and test donated equipment. So, we're letting our members know that the donation door is open; all are welcome!"

Allison said that many donors have expressed satisfaction and, at times, relief that their equipment is going to a good cause. "An alarming amount of relatively new equipment has ended up in dumpsters, because family members had no idea what the equipment was or what to do with it. That is a shame," he said.

For more information on how to donate used amateur equipment, accessories, and test equipment, [contact](mailto:labdonations@arrl.org) the ARRL Laboratory via e-mail at labdonations@arrl.org or by telephone at [\(860\) 594-0214](tel:860-594-0214) during ARRL Headquarters business hours.



ARRL is an IRS-designated 501(c)(3) organization holding federal tax identification number 06-6000004. While ARRL gladly acknowledges receipt of all in-kind donations, the League cannot, by law, provide donors with a dollar value for items donated.

New ARRL Handbook and Operating Manual Editions are Available!

The 2017 edition of *The ARRL Handbook* and 11th edition of *The ARRL Operating Manual* are [now shipping](#). As a special introductory offer, you can get the hardcover handbook at the softcover price.



The ARRL Handbook for Radio Communications is the standard for applied theory and practical information concerning the fundamentals of radio electronics and wire communications. It's filled with the most up-to-date knowledge representative of the wide and ever-expanding range of interests among radio amateurs. There are hands-on projects for all skill levels, from simple accessories and small power supplies, to legal-limit amplifiers and high-gain antennas.

The ARRL Operating Manual for Radio Amateurs is the most comprehensive guide to Amateur Radio operating -- everything you need to get involved, get active, and get on the air. Each topic has been written and updated by experienced hams. They are happy to share what they have learned so that

you can get involved too.

The ARRL Handbook is available in hardcover and softcover editions from the [ARRL Store](#) or your [ARRL Dealer](#).
[Hardcover](#): ARRL Item No. 0635, ISBN 978-1-62595-063-5, \$59.95 retail, special offer \$49.95 while supplies last.
Softcover: ARRL Item No. 0628, ISBN 978-1-62595-062-8, \$49.95 retail.

The ARRL Operating Manual is available in softcover from the [ARRL Store](#) or your [ARRL Dealer](#). [Softcover](#): ARRL Item No. 0598, ISBN 978-1-62595-059-8, \$24.95 retail. It is also available as a two-part e-book (Volumes 1 & 2 and Volumes 3 & 4) for the Amazon Kindle.

To order call [\(860\) 594-0355](#) or, toll-free in the US, [\(888\) 277-5289](#). [Contact](#) ARRL Publication Sales for more information.

Get Set for School Club Roundup!

With the fall semester well under way, school clubs are at full throttle. That means it's time for the ARRL School Club Roundup ([SCR](#)) -- fall edition. Propagation typically improves at this time of year, and clubs should not find it too difficult to make contacts across the US and around the globe, even with a modest station. Unlike most contests, this one takes place during the week. SCR 2016 starts on Monday, October 17, beginning at 1300 UTC, and runs through Friday, October 21, at 2359 UTC. Stations may operate for up to 24 hours during the entire contest, and may only operate for 6 hours during any single 24-hour period.

There are five participation categories: Elementary/Primary, Middle/Intermediate/Junior High School, Senior High School, College/University Club, and Non-School Club. There is also an Individual category.

If you just want to get on the air and hand out contacts, enter in the Individual category. Any mode -- SSB, CW, or digital -- is okay. Tune around and listen for SCR stations calling CQ, or do it yourself and see who answers (call "CQ School Clubs" if you aren't a club station). Stations exchange signal report, category (School, Club, or Individual), and state, province, or DXCC entity. Once the contest is over, submit your log online (preferred) or on paper.

The most popular time for younger students to be on the air is during after-school hours, but the older students may be on the air at any time. All groups are limited to one transmitter on the air.

The School Club Roundup is co-sponsored by ARRL and the Long Island Mobile Amateur Radio Club ([LIMARC](#)), and results appear in *QST* as well as online. Logs are due by November 8. Read [more](#).



A trio of operators at the Dresden Elementary Amateur Radio Station club's KD8NOM took turns calling, logging, and searching for multipliers in the Spring 2016 running of the School Club Roundup.

ARRL EASTERN MASSACHUSETTS SECTION

Head of the Charles Regatta, Oct. 21, Volunteers Sought

Submitted by k9hi on Tue, 10/11/2016 - 15:04

Mark Richards, K1MGY writes on the PART of Westford list:

The Head of the Charles Regatta (<http://www.hocr.org/>) is a fantastically fun and exciting event for Amateur Radio public service. This premiere rowing event, attracting competitors from all over the world, relies upon Amateur Radio communications for coordination and medical support of both land and boat-based services along the beautiful Charles River.

HOCR has a need for at least three more communications volunteers.

On 21 October (Friday) the event holds a practice session for participants from mid morning to late afternoon. There are two land-based positions available.

On Saturday the event kicks off. There is one land-based position available.

There are no slots available for Sunday, 22 October, but I'm sure HOCR will put you on a reserve list if you'd like a slot there.

To serve, you need a decent dual-band hand-held radio and should have some experience supporting communications and working within teams. Familiarity with the Communications Standards used at the BAA Boston Marathon is a good starting point. See https://drive.google.com/file/d/0B_R6snQbpJ3MUzBzTEZ0c0VaRkU/view?usp=sharing

If you wish to apply, you may contact me directly through this email list

Mark Richards, K1MGY

or phone directly: 617 592 4392

I have several years of experience working this event and would be happy to give you more information.

Military Auxiliary Radio System to Conduct Interoperability Exercise with Amateur Radio Community

Submitted by k9hi on Sat, 10/08/2016 - 08:03

Army MARS Region One Executive Officer Tom Kinahan, N1CPE writes:

From 30 October through 1 November, members of the Military Auxiliary Radio System will be conducting a quarterly Department of Defense Contingency Communications exercise. The purpose of this quarterly exercise is train on our

ability to provide communications following a “very bad day” scenario when traditional forms of communications will likely be unavailable. While the simultaneous loss of all communications nation-wide is not likely, for training purposes, we are assuming there has been a massive nation-wide outage.

One of the objectives of this exercise is to continue the partnership with the amateur radio community to help provide information about local conditions and send this information to the Department of Defense to help understand what is happening around the United States.

During this exercise, we will use 60 meters, local VHF and UHF repeaters as well as HF NVIS amateur radio bands. Our goal is to have a conversation about the local conditions in and around your county. During the conversation, our operators will be asking basic questions such as the status of commercial power, public water systems, and road conditions. These will be person to person conversations...you don't need to use any digital modes or know any special messaging formats.

To kick off this exercise, we are encouraging the amateur radio community to monitor 5,330.5KHz from 0300-0400 Hrs Zulu on 31 October. During this hour, we will be doing a high power voice broadcast from a military station on the east coast and alternate with a voice broadcast from the west coast. Amateur radio operators are encouraged to submit a reception report as indicated in the voice broadcast.

For the remainder of the exercise, MARS personnel will be calling for amateur radio operators on the 60 meter channels as well as using already established amateur radio nets on HF NVIS and VHF/UHF repeaters.

Amateur radio operators are also invited to attend the ARRL webinar scheduled for 25 Oct at 2000 hrs eastern time where Dave Stapchuk, Chief AF MARS, and the Army MARS Program Manager will give a presentation about the MARS program. Please register for the webinar at: <https://attendee.gotowebinar.com/regist.../4300481724544982273>.

If you have further questions about this exercise, please email: mars.exercises@gmail.com.

Local club news and events

Whitman ARC Extra, Tech Classes

The [Whitman Amateur Radio Club](#) is currently conducting Extra class training at the Whitman police station at 20 Essex Street on Tuesdays until November 1, 2016. Ross Hochstrasser W1EKG, and Fred Krause, WA1IMD are instructing.

Additionally, the club will offer a Technician training class beginning in October.

For details and to sign up, visit <http://www.wa1np.org/training/training.htm>.



Falmouth Flea in Bourne, November 5

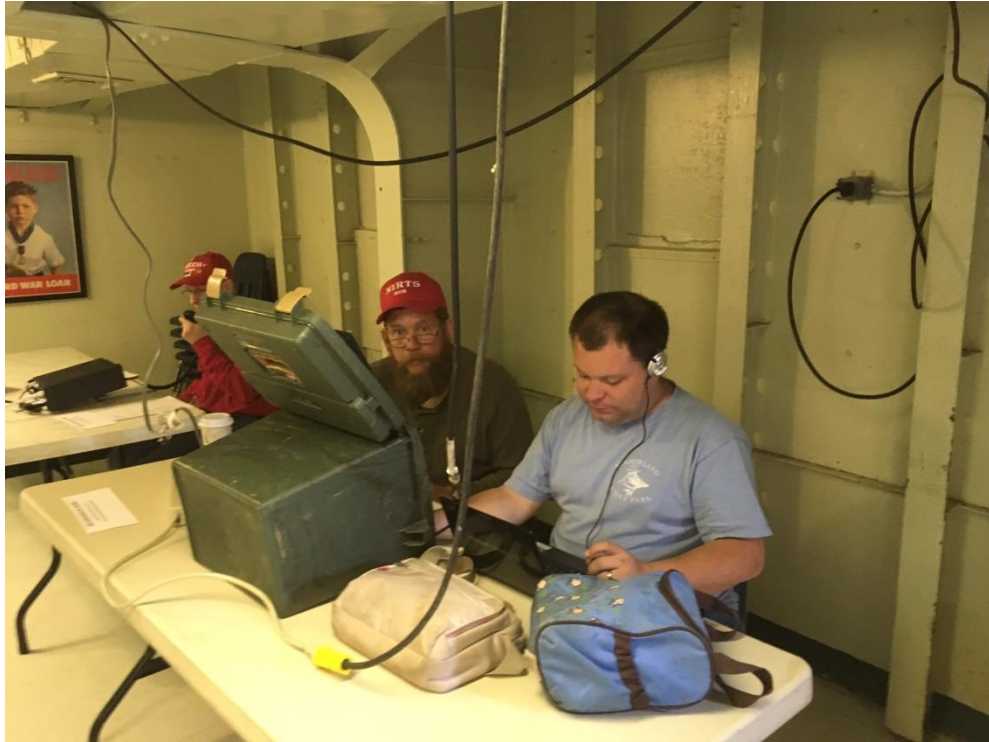
Submitted by k9hi on Sat, 10/08/2016 - 14:47

The [Falmouth Amateur Radio Association](#) will hold its FARA-Fest 2016 on November 05 from 9 AM-12 Noon at the Upper Cape Regional Technical School, 220 Sandwich Road, in Bourne. Details can be found at <https://goo.gl/ZkM744>.



W1BSA event April 22 2017 100-1500

The annual W1BSA event will take place April 22, 2017. I hope you will make it out to the USS Massachusetts ward room to operate for such a great event. We will be setting up the antennas on Friday April 21st at 0900-1100. Last year we set up three dipoles and two vertical antenna's. We set up four radios on Saturday thank you to all who participated in the last years and hopefully we can have another great event.



NE1PL on the USS Massachusetts 2017

Our 2016 season was a tough one for contacts but I think we had a great time. There were lots of guests on the ship to speak to directions to be given and good conversations with our contacts. Please check out the website www.ne1pl.org for updates on operations. Anyone wishing to come out and join us please come on down and have some fun, enjoy great views, amateur radio, and tour the ship for free.



New England Area Ham - Electronic Flea Market DATES 2016

29 Oct Gales Ferry CT TCARC @FireCo Darryl WA1DD 860 443 7799 +
30 Oct Hicksville NY LIMARC @Levitt Hall Richard K2KNB 516 694 4937 A
5 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7 Ralph N1YHS 508 548 0422 +
3 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor John 860 673 0518

2017 Contact Source
~~~~~  
11 Mar Chicopee MA MtTomARA @Castle \$5@8:30 S@6:30 Brian KC1BDF 860 478 6790 F+  
31 Mar Lewiston ME AARC ME Conv @Ramada @8 Ivan N1OXA 207 784 0350 W  
8 Ap Newton MA PHSNE Photographica Sat Only @AmLegion @9A John 781 592 2553 +  
13 May E Greenbush NY EGARA @FireCo Tom KC2FCP 518 272 1494 A+  
8,10 Sept Boxboro MA FEMARA NE Conv Mike K1TWF 978 250 1235

## The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: At 0356 UTC on October 13, the Australian Space Forecast Centre issued a geomagnetic warning calling for increased solar wind speed due to coronal hole effects expected for October 14 and 15, and active conditions, with possible minor storm periods.



Solar flux and sunspot numbers rose over the past week, while geomagnetic indicators were down. Average daily sunspot numbers for October 6-12 rose 34.3 points to 55, and the average daily solar flux rose 15.2 points to 101.9, referenced to the previous 7 days.

The average planetary A index declined from 21.4 to 6.6, and the mid-latitude A index dipped from 15.1 to 5.

Predicted solar flux is 95 on October 13-14; 90 on October 15-21; 85 on October 22-26; 80 on October 27-29; 90 and 95 on October 30-31; 100 on November 1-2; 105 on November 3-7; 110 on November 8-9; 105 and 100 on November 10-11; 95 on November 12-14; 90 on November 15-17, and 85 on November 18-22.

Predicted planetary A index is 18, 30, 15, 12, and 15 on October 13-17; 10 on October 18-19; 5 on October 20-22; 20 on October 23; 35 on October 24-26; 20 on October 27; 15 on October 28-30; 25 on October 31; 12 on November 1; 5 on November 2-6; 8 on November 7-8; 5, 12, and 15 on November 9-11; 12, 20, and 8 on November 12-14; 5 on November 15-18; 20 on November 19, and 30 on November 20-22.

Sunspot numbers for October 6 through 12 were 55, 50, 62, 58, 64, 56, and 40, with a mean of 55. The 10.7 centimeter flux was 101.5, 104.2, 104.3, 104.5, 102, 99.2, and 97.6, with a mean of 101.9. Estimated planetary A indices were 6, 6, 8, 5, 11, 4, and 6, with a mean of 6.6. Estimated mid-latitude A indices were 4, 5, 7, 4, 7, 3, and 5, with a mean of 5.

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

## Just Ahead in Radiosport

- October 14 -- MCG Autumn Sprint (CW, phone)
- October 15 -- Feld Hell Sprint
- October 15 -- Iowa QSO Party (CW, phone, digital)
- October 15-16 -- JARTS WW RTTY Contest
- October 15-16 -- 10-10 International Fall Contest (CW)
- October 15-16 -- New York QSO Party (CW, phone, digital)
- October 15-16 -- Worked All Germany Contest (CW, phone)
- October 15-16 -- South Dakota QSO Party (CW, phone, digital)
- October 16 -- Asia-Pacific Fall Sprint (CW)
- October 16 -- RSGB RoLo (CW)
- October 16-17 -- Illinois QSO Party (CW, phone, digital)
- October 17 -- Run for the Bacon QRP Contest (CW)
- October 17-18 -- Telephone Pioneers QSO Party (CW, phone, digital)
- October 17-21 -- [ARRL School Club Roundup](#) (CW, phone)



# **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](mailto: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 3<sup>rd</sup> 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:** Taunton ACG, KC1TAC, 2 Mtr Simplex Net, 8:30 PM, 145.770  
Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (**Except 1<sup>st</sup> 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](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@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 use

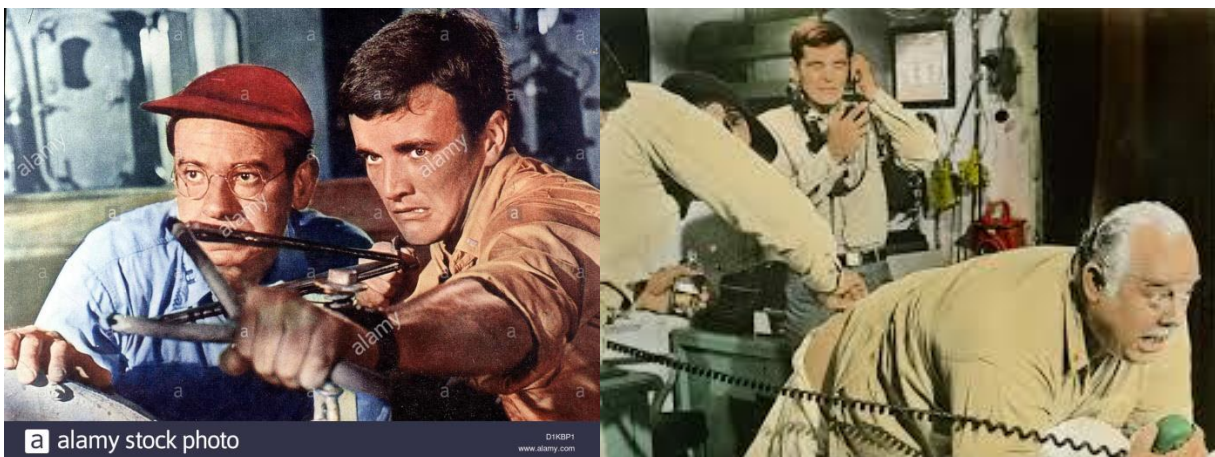
**Ensign Pulver** is a 1964 American Technicolor film in Panavision and a sequel to the 1955 film *Mister Roberts*. The movie stars Robert Walker, Jr., Burl Ives, Walter Matthau and Tommy Sands and features Millie Perkins, Larry Hagman, Kay Medford, Peter Marshall, Jack Nicholson, Richard Gautier, George Lindsey, James Farentino, and James Coco.<sup>[2]</sup>

The film was directed and co-written by Joshua Logan, who had directed and co-written the *Mister Roberts* stage play on Broadway,<sup>[3]</sup> and also shot scenes for the 1955 film after director John Ford fell ill.

The story concerns the U.S.S. *Reluctant*, which is at anchor beside a tropical island. The ship's captain is as much of a "Captain Bligh" as ever. Several of the film's events – such as attacking the Captain while he is watching a film, and one the sailors trying to obtain compassionate leave to deal with a dying child – are taken from Thomas Heggen's original novel *Mister Roberts*. The characters of Pulver, Doc and several crewmen return from the first film, but played by different actors.

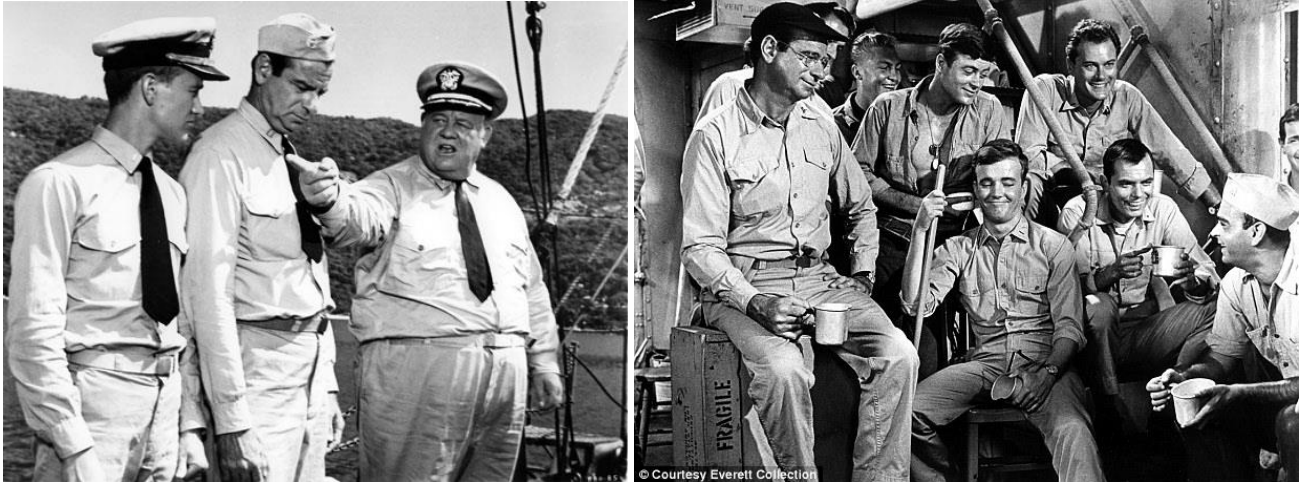


U.S. Navy Ensign Frank Pulver (Robert Walker, Jr.) feels unappreciated, as usual. Even when he personally aims a sharp object into the hindquarters of the hated Captain Morton (Burl Ives), the happy crew cannot imagine that the all-talk, no-action Pulver could be behind it. A poll to guess at the identity of the "ass-sassin" results in votes for almost everyone except Pulver, which he bitterly resents.



Ship mates like Billings (Larry Hagman), Insigna (James Farentino), Skouras (James Coco) and Dolan (Jack Nicholson) don't take Pulver seriously while despising the captain, who refuses to grant leave to a seaman named Bruno (Tommy

Sands) to attend his daughter's funeral back home. Doc (Walter Matthau) is the only one aboard who believes in Pulver's potential at all.



In need of emergency surgery, Morton ends up owing his life yet again to Pulver, who follows Doc's instructions over a radio and removes the captain's appendix. Back aboard ship, Morton's natural tendencies resurface and he tries to return to his martinet ways. Although Pulver has the goods on him now he shows genuine compassion for the captain and convinces him to leave the ship for his own well-being. Morton takes his advice and departs, turning over command to the popular LaSeur (Gerald S. O'Loughlin).



At sea for months at a time, Pulver is unable to indulge his greatest interest, women, until a company of nurses land on a nearby atoll. The head nurse (Kay Medford) is pleased to meet him when Pulver introduces himself as a doctor serving on a destroyer, but young nurse Scotty (Millie Perkins) suspects the truth and a smitten Pulver confesses it to her, that he's no doctor and nothing more than a junior officer on "the worst ship in the Navy."

Life becomes so harried after Ensign Pulver's prank, he and the Captain are swept off deck during a storm, ending up on a tropical island, a group of ship wrecked nurses, dancing natives and 1 very big case of appendicitis. Pulver has to perform surgery on the Captain via radio communications from the ship.





### USS Reluctant

The Navy vessel that played the role of USS *Reluctant* (AK-601), aka "the Bucket," in the movie's exterior shots was a former U.S. Army Freight and Passenger/Freight and Supply (FP/FS) vessel, which was originally commissioned in the Navy following World War II.<sup>[6]</sup> The USS *Hewell* (AG-145) is credited by the Navy as the ship assigned to the filming.<sup>[7]</sup> The official Navy history for the ship<sup>[8]</sup> notes:

In late August 1954 *Hewell* departed Hawaii for Midway Island, mooring at the Naval Base there on 28 August to help film the Warner Brothers movie *Mister Roberts*. The film, starring Henry Fonda, James Cagney, William Powell and Jack Lemmon, was partially shot on board *Hewell*, with underway footage filmed off Midway Harbor between 1 and 16 September. The light cargo ship then sailed back to Hawaii between 24 and 29 September and additional film was shot off Kaneohe Bay between 30 September and 7 October.