



September, 2016
Volume 55 Issue 09

MARA News



Next meeting September 20, 2016 at the Bridgewater Public Library

September 20 speaker Bill Lieb EMT-P subject lacerations

October 18th Meeting

Presidents notes from KC1CFO Denise Sisson



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!

Jeff will be filling in for me while I am away so I will see you in October.

If anyone has any ideas for a speaker please let Rick kb1tee or myself know Denise KC1CFO

73 Denise - KC1CFO

President - Massasoit Amateur Radio Association

Secretary's notes for August meeting

SECRETARYS NOTES – MARA MEETING 08/16/16 – Larry Kenney, K1LJK

OPEN: President **Denise Sisson KC1CFO** opened the meeting at 6:30 pm, 08/16/16.

ATTENDANCE: 14 members and guests were present including 4 elected officers

KC1CFO Denise Sisson (Pres) **N1XTB Phil McNamara (Treas)** **AB1CQ Garry Cumiskey**

N1RTS Rob Sisson **N1EZH Barry Kennedy** **N1NVV Pete Curley**

AG1B Richard Metcalf **N1ZZN Jeff Lehmann (V.Pres)** **K1FAB Fred Birtwell**

K1LJK Larry Kenney (Sec) **W1WCF Walt Fitzgerald** **N1UMJ John Miller**

N1IQI Loren Pimentel **KC1EHG Richard Gagliardi** **SWL Philip McNamara**

MEETING MINUTES :

Motion to accept the July 2016 MARA Secretary's report as published in the July newsletter made by **Barry N1EZH** with a second by **Garry AB1CQ** Motion passed vote by attending club members.

TREASURER'S REPORT:

Club Treasurer **Phil N1XTB** presented the July treasurers report. Motion to accept as read made by **Richard AG1B** with a second by **Rob N1RTS**. Motion passed vote by attending club members.

Old Business:

- Repeater update:
 - **Jeff N1ZZN** reports a problem (infinite vswr) was found with the newer of the two Station Master antennas when a climber recently investigated the issues at the repeater site. A suggestion by the climber was to swap it out with a Tram model (inexpensive clone antenna of a comet or diamond, approx \$100) which he installed for the SEMARA club in Dartmouth quite a long time ago and it continues to work fine. The same model failed for the Whitman club in the past however (**Garry AB1CQ** commented: that antenna was not sealed/weatherproofed properly which led to rust internal to the antenna. Garry suggests checking this Tram for same issue). The final cost of the climber has yet to be determined. **Phil N1XTB** indicated the climber will be installing the Tram antenna in the next few days.
 - **Phil N1XTB** was testing the 900Mhz internet link to the repeater from his home. He reports only about 15% signal at night but due to the mount on the watertower, the dish may be misaligned. The climber will adjust this when installing the new TRAM antenna. A brief discussion took place on this operating arrangement. **Jeff N1ZZN** noted his 5Ghz link to the Marshfield repeater works well.
- **Phil N1XTB** provided a brief update on last months Entergy drill at the Bridgewater EOC. He noted some bugs need to be worked out with their new PC based notification system. Phil notes another drill is coming soon, possibly later this month.

New Business:

- **Barry N1EZH** provided an update on his involvement with the recent **K1CG** Coast Guard special event, indicating he made a few contact during his operating time of 9-10pm on August 4th.
- **Larry K1LJK** informed everyone that a sign up sheet for times at the Whitman clubs Marshfield Fair special event is available at the meeting and MARA club members are welcome to join. A free ticket to the fair with parking included will be given to those who sign up.
- **Denise KC1CFO** asked for any thoughts on speakers or workshops for the upcoming meetings. A general discussion took place, including a mention that **Rick KB1TEE** has been doing a very good job getting speakers for our meetings in the past. **Larry K1LJK** mentioned running Youtube videos detailing recent DXPeditions as a substitute for live speakers.
- **Barry N1EZH** reminded folks of the upcoming ARRL/Boxboro Hamvention taking place in early September (Sept 9,10 & 11). **Jeff N1ZZN** noted the Flea Market primarily takes place on Saturday of the convention. (see Boxboro.org for more details)
- **Jeff N1ZZN** mentioned next years Dayton Hamvention would not be in the HARA arena but rather at the Greene County Fairgrounds several miles away from the HARA arena. A general discussion took place on the layout and facilities at fairground locations vs the HARA arena. **Garry AB1CQ** mentioned 28k people attended the Dayton Hamvention last time.
- **Pete N1NVV** mentioned access issues with the **W1MV** website. A general discussion took place on the possible causes. A quick check of the site via a smartphone showed possible http link issues which need to be investigated and fixed.
- **Denise KC1CFO** mentioned the weekly meeting on the air net Tuesday nights and the call for any volunteers to be net control. **Jeff N1ZZN** mentioned the Newsline might be accessible via IRLP rather than EchoLink as a test to see if less pauses are encountered during the report.
- **Phil N1XTB** suggested instructions for use of Echolink and IRLP be added to the **W1MV** website. **Jeff N1ZZN** noted he recently created an instruction sheet for the Whitman club which was added to their website by **Larry K1LJK**. Larry agreed to modify the page slightly to include **W1MV** EchoLink and IRLP details and send to **Pete N1NVV** for the club website.

CLOSE: A motion to adjourn the meeting made by **Barry N1EZH** with a second by **Richard KC1EHG**. Motion passed by attending club members. **Denise KC1CFO** closed the meeting at 7:07pm 08/16/16.

Amateur Radio Volunteers Assisting in Italian Earthquake Response

Radio amateurs are taking part in the response to the 6.2 magnitude earthquake on August 24 in central Italy, International Amateur Radio Union Region 1 ([IARU-R1](#)) President Don Beattie, G3BJ, reports. IARU Region 1 Emergency Communications Coordinator Greg Mossop, G0DUB, has requested that 7060 kHz (LSB ± 10 kHz) be kept clear of non-emergency traffic, as well as any other center-of-activity ([COA](#)) frequencies that may be in use for emergency communication within Italy. (On 80 meters, the COA frequency is 3760 kHz). Other frequencies reported to be active include 7045, 3643, and 3580 kHz (PSK).



The earthquake claimed some 240 lives, although rescue operations are still under way. According to the IARU Region 1 website, Italian radio amateurs are active in the emergency response, and no outside assistance has been requested at this time.

According to Beattie, the Italian Amateur Radio volunteers are "following their planned response with their government" and that any requests for information on missing persons should be made via the Red Cross or other recognized relief organizations.

The worst loss of life was in the town of Amatrice, where more than 180 people died. Tremors in the aftermath of the initial quake were felt as far away as Rome. Survivors are staying in tents or otherwise out of doors. A reported 4300 people were said to be active in rescue operations in the region.

Louisiana Amateur Radio Emergency Service Volunteers Stand Down

Amateur Radio Emergency Service (ARES) volunteers responding to the Louisiana flood emergency stood down on August 20. Assistant Section Manager Matt Anderson, KD5KNZ, reported over the weekend that [Louisiana ARES](#) was in the process of deactivating from the recent flood response, and that there was no longer a need for additional volunteers. Anderson served as the Incident Point of Contact in Baton Rouge.

"Several amateurs will remain on site, reporting directly to the Red Cross as they begin to transfer to recovery operations," Anderson said. "We greatly appreciate all the assistance from ARRL HQ and the many Sections who provided support to the operation."

ARES volunteers in Louisiana deactivated after 6 days of operations in response to the flooding catastrophe, which also affected parts of Mississippi. ARES provided communication support to the Red Cross in five Louisiana parishes following the record flooding. At the height of the crisis, several shelters and Red Cross chapter offices were operating at full capacity, although the shelter population has diminished considerably.



Dayton HAMVENTION new facility

XENIA, OHIO – The Greene County Agricultural Society Board of Directors in partnership with the Greene County Board of Commissioners, the City of Xenia and the Greene County Convention & Visitors Bureau is pleased to announce the Greene County Fair & Exposition Center will be the new home of the Dayton Hamvention®.

In the approximately 8-minute video, Kalter, who is DARA's treasurer, said he was happy that Duffy, as a Hamvention vendor, could see the new venue firsthand. "We consider this a collaboration," Kalter told Duffy. "We want everybody to be happy."

For his part, Duffy was enthusiastic about the size of the new site. "This place is so big!" he said. The Fairgrounds Amateur Radio volunteers from Alabama, Arkansas, and Mississippi volunteered to serve at multiple Red Cross chapters and shelters throughout the affected area. With local and parish resources stretched to the limit, ham radio volunteers served as the communication link between Red Cross shelters and command centers, relaying information on the needs at each shelter back to Red Cross offices. Read [more](#).

DX Engineering's Tim Duffy, K3LR: New Fairgrounds Venue "Perfect for Hamvention"

[DX Engineering](#) Chief Operating Officer Tim Duffy, K3LR, says he's enthusiastic about the new Dayton Hamvention® venue at the Greene County Fairgrounds in Xenia, Ohio -- both as a vendor and as an individual radio amateur. DX Engineering recently produced a short [video tour](#) of the new Hamvention location, which includes an interview with Hamvention spokesperson Mike Kalter, W8CI.

"I can tell you that I have been hearing from all over the world a sigh of relief after [people] see the video we did at the Fairgrounds," Duffy told ARRL. "The new venue is huge, and it is clean -- it will be perfect for Hamvention." Duffy said he likes the Greene County Fairgrounds so much that he thinks that Hamvention will be even better at its new site than it had been for the past 10 years or so at Hara Arena in Trotwood, Ohio.

Duffy, who is also ARRL Western Pennsylvania Section Manager, encouraged the Amateur Radio community to support and encourage Hamvention's sponsor -- the Dayton Amateur Radio Association ([DARA](#)) as it makes the myriad arrangements for the big show. "This is a very tough job for an all-volunteer staff," he added. covers more than 100 acres, and Duffy said he checked out every building. He told Kalter that he was impressed to see DARA volunteers showing up at the new Hamvention site every day as they prepare for their Xenia debut in 2017.

What I saw here today -- I think you're well on your way," Duffy told Kalter. "Things are on the right track."

"Kalter expressed the hope that DARA will be able to take Hamvention to "a whole new level" at its new location.



California RACES and CERT Volunteers Team Up to Assist Seniors during Blackout

When the power went out on June 4 at both the Huntington Gardens and Five Points senior residences in Huntington Beach, California, Huntington Beach RACES ([HBRACES](#)) and Community Emergency Response Team ([CERT](#)) volunteers promptly activated to help. Each residential structure stands 14 stories tall. At Huntington Gardens, a generator supplied power to the hallways and elevators, but not to individual living units or telephones; residents had no way of calling 911 if an emergency occurred. Five Points, with no back-up generator, was left in complete darkness.



RACES Radio Officer Dr Steve Graboff, W6GOS, and his assistant, Steve Albert, KE6OCE, started a 2 meter net and logged in available communicators. Operators checked into the net were advised to proceed to the staging at Huntington Beach City Hall.

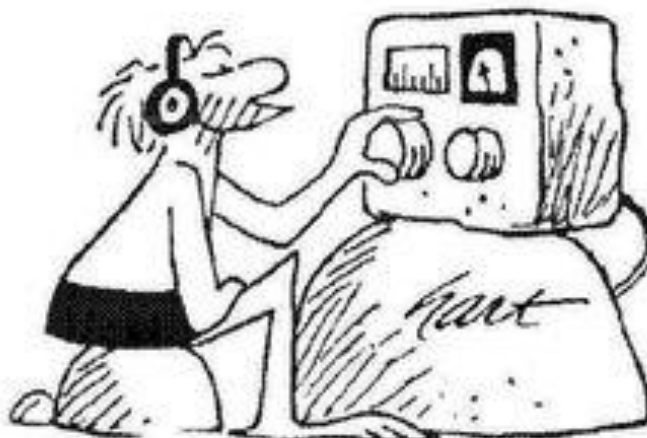
"[T]he response to the call to activation by HBRACES was impressive," Graboff said. "The professional communications skills displayed by the operators were outstanding. The quality of HBRACES training was clearly evident in all of our responders, including those deployed in the field and others who were assigned to the incident command post."

HBRACES communicators paired with a Huntington Beach CERT responder, and each team was assigned to a floor of the two facilities to cover communication and emergency calls. This marked the first time Huntington Beach RACES and CERT members were deployed in pairs.

The volunteers patrolled the floors of the buildings in the dark, looking and listening for people in need of help, or for anyone who might take advantage of the situation. Residents thus had direct communication with the Huntington Beach Fire and Police departments. Graboff said that having both organizations working together created a safer environment for the volunteers, since they were not alone. The Red Cross dispatched a canteen vehicle to support the volunteers with snacks and coffee.



"RACES and CERT worked well together, and I believe this is a response model we will use again in the future," Graboff said. Some 60 volunteers turned out, and several residents of the affected facilities thanked the RACES and CERT volunteers for being there. -- *Thanks to Bob Zamalin, WA6VIP, via the [ARRL ARES E-Letter](#)*



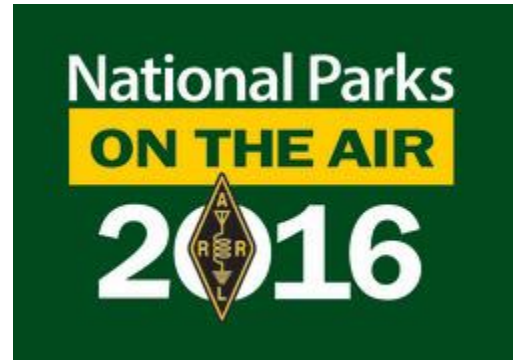
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National Parks on the Air Update

Happy 100th Anniversary to the National Park Service! President Woodrow Wilson created the NPS on August 25, 1916, as a new bureau within the Department of the Interior. Today, NPS oversees many parks and monuments of cultural or historical significance. This celebration is the reason for the ARRL National Parks on the Air program.

NPS celebrated in grand style. On August 24, President Barack Obama created the [Katahdin Woods and Waters National Monument](#) in northern Maine. It is the 413th official National Park Service unit, and NPOTA Chasers and Activators will know it as MN84. Who will be the first NPOTA Activator to hand out this new one?

Hams across the country are activating more than 80 units during the NPS Centennial week, including Hawaii Volcanoes National Park in Hawaii, and Pecos National Historical Park in New Mexico. Get on the air and help the National Park Service celebrate!



[Details](#) about these and other upcoming activations can be found on the NPOTA Activations calendar.

Keep up with the latest NPOTA news on [Facebook](#). Follow NPOTA on [Twitter](#) (@ARRL_NPOTA).

NPOTA Event at Lewis and Clark National Historical Park Will Include Space Station Contact

[Lewis and Clark National Historical Park](#) in Astoria, Oregon, will partner with the Mouth of the Columbia Amateur Radio Club to provide park visitors with an opportunity to see Amateur Radio up close over the Labor Day weekend. As part of the ARRL National Parks on the Air ([NPOTA](#)) program, club members will set up a station at the park's Netul Landing. The KF7TCG special event is set to start on the evening of Friday, September 2, and continue through the afternoon of Sunday, September 4. As a special highlight, an Amateur Radio on the International Space Station ([ARISS](#)) contact has been set for Saturday, September 3, at 1821 UTC.



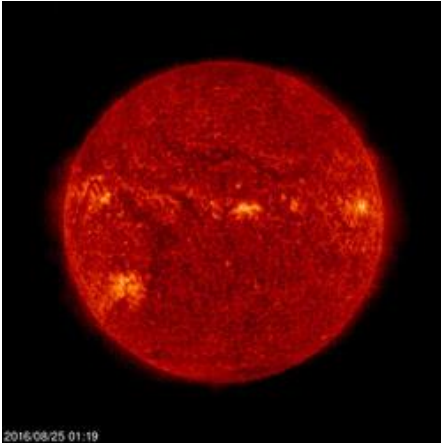
Netul Landing at Lewis and Clark National Historical Park will be the site of the Mouth of the Columbia Amateur Radio Club's KF7TCG special event.
[National Park Service photo]

"This is an amazing cooperative effort between ARRL, the National Park Service, and the ARISS team," said ARRL Media and Public Relations Manager Sean Kutzko, KX9X -- who is also co-coordinator of the NPOTA program. "Using the science and skill of Amateur Radio to bring astronauts into a National Park Service unit devoted to the greatest scientific expedition in the history of the US highlights how much all three organizations have in common. We are all dedicated to public service, and exploration and education of the natural resources in and around our world. We are proud to use our skills and expertise to bring 21st century explorers to National Park visitors."

This is the first NPOTA event to include an ARISS contact. ISS astronaut Takuya Onishi, KF5LKS, will field the questions from NA1SS on the space station. -- *Thanks to Lewis and Clark National Historical Park Ranger Sally Freeman*

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: Solar activity over the August 18-24 reporting period was down, compared to the previous week, with the average daily sunspot number declining from 73.9 to 33.9, and average daily solar flux from 89.2 to 79.6. The average planetary A index increased from 6.9 to 9.7, while the mid-latitude number rose from 7.4 to 8.7.



Expected solar flux is 80 on August 25-26; 75 on August 27-September 1; 80 and 85 on September 2-3; 90 on September 4-10; 88 on September 11-12; 85 on September 13; 80 on September 14-15; then 78 and 75 on September 16-17; 80 on September 18-20; 84 on September 21-22; 82, 80, and 78 on September 23-25; 75 on September 26-28; 80 and 85 on September 29-30, and 90 on October 1-7.

Predicted planetary A index is 10 and 6 on August 25-26; 5 on August 27-28; 14, 20, 12, 10, and 15 on August 29-September 2; 12 on September 3-4; 15 on September 5-6; 8 and 10 on September 7-8; 5 on September 9-12; 10 and 8 on September 13-14; 5 on September 15-16; 8, 7, 8, 12, and 8 on September 17-21; 5 on September 22-24; 15, 25, and 18 on September 25-27; 15 on September 28-29; 12 on September 30-October 1, and 15 on October 2-3.

NOAA released an interesting bulletin regarding a new site for watching Total Electron Content ([TEC](#)) of the ionosphere. TEC is the total number of electrons present along a path between a radio transmitter and a receiver. The Space Weather Prediction Center ([SWPC](#)) has deployed an updated and expanded version of its US Total Electron Content ([US-TEC](#)) model.

Sunspot numbers for August 18 through 24 were 54, 37, 12, 11, 33, 47, and 43, with a mean of 33.9. The 10.7 centimeter flux was 82.4, 80.8, 78.1, 76.7, 80, 81.3, and 78, with a mean of 79.6. Estimated planetary A indices were 7, 5, 4, 10, 5, 18, and 19, with a mean of 9.7. Estimated mid-latitude A indices were 8, 5, 4, 9, 6, 12, and 17, with a mean of 8.7.

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

ARRL EASTERN MASSACHUSETTS SECTION

Late Monday the US House of Representatives passed The Amateur Radio Parity Act (HR-1301). This represents a very important step forward in our efforts to give the 68 million residents of deed-restricted communities the opportunity to have a reasonable antenna.

The next step will be taken in the US Senate, with your help, and ultimately we expect the legislation to be signed by the President.

You will be receiving an e-mail message later today with information on how to easily generate letters to your two Senators in support of The Amateur Radio Parity Act. This was originally introduced in the Senate as S-1685 but has been revised and approved in the House as HR-1301 after the ARRL worked with the Community Association Institute (represents home owner associations) to find language both organizations now support.

You can find more information on The Amateur Radio Parity Act at:

<http://www.arrl.org/amateur-radio-parity-act>

Thanks in advance for your help - letters to your Senator are a crucial part of getting this legislation passed.

NEW HF OPERATORS -- THINGS TO DO

For traditional contests, placing well is "all about that rate," which implies running a frequency. For the North American Sprint format contests, it's still about rate, but runs are not a factor due to the mandatory QSY requirements. In the 4-hour North American CW Sprint next weekend, you'd typically tune to a frequency, hear a station completing a QSO, call them, complete the QSO, then you are called by someone else on that frequency. After your second QSO on that frequency, you have to move. Fast-paced and exhilarating. Give it a try!

The September 17-18 weekend, there are five QSO parties to take advantage of, along with two RTTY Sprints, in addition to a handful of other contests. The [Washington State Salmon Run](#) is the QSO party for Washington state, and if you're a [category winner](#), you could be eligible to receive some smoked salmon. The BARTG Sprint 75 uses 75 baud Baudot, and does NOT have a QSY requirement. Remember that if you're calling CQ in the BARTG 75, you may want to lengthen your CQ message, as it helps a searching and pouncing station to better tune your signal.

BULLETINS

The [Mt Airy VHF Club](#) is celebrating its 60th anniversary in 2016. The December 15 club meeting of the Pack Rats is planned as an informal celebration for all current and past members.

At the 2016 New England Division ARRL Convention, aka [Boxboro 2016](#), September 9-11, 2016 in Boxborough, Massachusetts, there will be a number of contest-related activities, including the Friday night DX/Contest Dinner, Yankee Clipper Contest Club forum, and a forum on using the FLEX-6000 for contesting and DXing.

BUSTED QSOs

Fred, K6DGW, reminded me that Greenland is also part of Region 2.

Steve, K6OIK, points out: "Last year's Pacificon presentation, entitled '[Weird Waves](#),' is about ...the electromagnetic properties of OAM waves. The 2005 and 2006 Pacificon presentations, 'Novel and Strange Antennas' introduced OAM too (along with metamaterial). So one must fairly conclude that radio amateurs were aware of OAM waves more than a decade ago. I built my first OAM antenna in 2010."

An expanded, downloadable version of QST's [Contest Corral in PDF format](#) is available. Check the sponsor's website for information on operating time restrictions and other instructions.

HF CONTESTS

[AGB NEMIGA Contest](#), Sep 16, 2100z to Sep 17, 0000z; CW, SSB, Digital; Bands: 80m Only; AGB Member: RST + QSO No. + Member No., non-Member: RST + QSO No.; Logs due: October 16.

[Scandinavian Activity Contest, CW](#), Sep 17, 1200z to Sep 18, 1200z; CW; Bands: 80, 40, 20, 15, 10m; RST + Serial No.; Logs due: September 25.

[All Africa International DX Contest](#), Sep 17, 1200z to Sep 18, 1200z; CW, SSB, RTTY; Bands: 160, 80, 40, 20, 15, 10m; RS(T) + Serial No.; Logs due: October 3.

[SRT HF Contest SSB](#), Sep 17, 1300z to Sep 18, 1300z; SSB; Bands: 160, 80, 40, 20, 15, 10m; RS + CQ Zone; Logs due: see rules.

[QRP Afield](#), Sep 17, 1600z to Sep 17, 2200z; All; Bands: 160, 80, 40, 20, 15, 10m; RS(T) + (state/province/country) + (power or NE QRP No.); Logs due: October 17.

[New Jersey QSO Party](#), Sep 17, 1600z to Sep 18, 0359z, Sep 18, 1400z to Sep 18, 2000z; CW, Phone; Bands: 80, 40, 20, 15, 10m; NJ: RS(T) + county, non-NJ: RS(T) + (state/province/"DX"); Logs due: October 1.

[New Hampshire QSO Party](#), Sep 17, 1600z to Sep 18, 0400z, Sep 18, 1600z to Sep 18, 2200z; CW/Digital, Phone; Bands: All, except WARC; NH: RS(T) + county, non-NH W/VE: RS(T) + (state/province), DX: RS(T) + "DX"; Logs due: October 31.

[Washington State Salmon Run](#), Sep 17, 1600z to Sep 18, 0700z, Sep 18, 1600z to Sep 19, 0000z; CW, Phone, Digital; Bands: 160, 80, 40, 20, 15, 10, **6, 2m**; WA: RS(T) + County, non-WA: RS(T) + (state/province/country); Logs due: October 2.

[Feld Hell Sprint](#), Sep 17, 1800z to Sep 17, 1959z; Feld Hell; Bands: 160, 80, 40, 20, 15, 10, **6m**; (see rules); Logs due: September 21.

[North American Sprint, RTTY](#), Sep 18, 0000z to Sep 18, 0400z; RTTY; Bands: **80, 40, 20m**; [other station's call] + [your call] + [serial no.] + [your name] + [your state/province/country]; Logs due: September 25.

[BARTG Sprint 75](#), Sep 18, 1700z to Sep 18, 2100z; 75 Baud RTTY; Bands: 80, 40, 20, 15, 10m; Serial No.; Logs due: September 22.

[Run for the Bacon QRP Contest](#), Sep 19, 0100z to Sep 19, 0300z; CW; Bands: 160, 80, 40, 20, 15, 10m; RST + (state/province/country) + (Member No./power); Logs due: September 25.

New England Area Ham - Electronic Flea Market DATES 2016

17 Sept Alexander ME StCVARC @ElSch	Roger W1LH 207 454 2174 A+
18 Sep Cambridge MA Flea at MIT Third Sunday April thru October	Mitch 617 253 3776
24 Sep Brookline NH NEARC Antige @EvntCr \$10@7:30 \$5@8:30	Bruce 603 772 7516
24 Sept Forestdale RI RIAFMRS @VFW \$5/Sp@8	Roland N1JOY 617 839 9081 +
1 Oct Fishkill NY MtBARC @DCQ	Adam KC2DAA 845 849 3666 A+
9 Oct Queens NY HoSARC @HoS	Stephen WB2KDG 718 898 5599 A
14,15 Oct Deerfield NH NEARfest XX @FG	Mike K1TWF 978 250 1235
15 Oct Longueuil PQ CRAR-SdeM @PlDesauln \$7@9 \$S10@7	Noel VE2BR 450 691 2009 R+
16 Oct Cambridge MA Flea at MIT Third Sunday April thru October	Mitch 617 253 3776
16 Oct Meriden CT Nutmeg @Sheraton	John N1GNV 203 440 4973 A
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
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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

## **Just Ahead in Radiosport**

- September 16 -- AGB NEMIGA Contest (CW, phone, digital)
- September 17 -- QRP Afield (CW, phone, digital)
- September 17 -- Feld Hell Sprint
- September 17-18 -- [ARRL 10 GHz and Up Contest](#) (CW, phone, digital)
- September 17-18 -- SARL VHF/UHF Contest (CW, phone, digital)
- September 17-18 -- All Africa International DX Contest (CW, phone, digital)
- September 17-18 -- Scandinavian Activity Contest (CW)
- September 17-18 -- New Jersey QSO Party (CW, phone)
- September 17-18 -- New Hampshire QSO Party (CW, phone, digital)
- September 17-18 -- Washington State Salmon Run (CW, phone, digital)
- September 18 -- North American Sprint (RTTY)
- September 18 -- BARTG Sprint 75
- September 19 -- Run for the Bacon QRP Contest (CW)
- September 19 -- 144 MHz Fall Sprint (CW, phone)
- September 22 -- NAQCC CW Sprint

## **NEARFEST**

# **NEAR-Fest**

**New England Amateur Radio Festival**

# **OUR TENTH YEAR!**

***NEAR-Fest XX***

***October 14 & 15, 2016***

***Deerfield, New Hampshire***

**USS Massachusetts Battleship Cove**

Hi everyone we had a good year on the ship operating was a very hot summer there sitting on the deck operating. The canopy they have was not usable this year it needed to go out and be repaired. I am hoping to be able to continue next year again we have been invited back. The Ships education volunteer leader told me that we have been the best group to come onboard and not bother the crew with problems.

## **Bill Burke NR1FD new antenna**

**On Saturday** August Bill Burke NR1FD brought out his new antenna he built to the South Weymouth W1NAS / K1USN radio event it is a multiband antenna. He will be glad to discuss it with anyone who would like to build one I am in the process of building one myself. It is a 7 Band Portable Dipole Antenna the website is found at.

<https://vimeo.com/27980105>





# **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 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:** 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 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](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 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 use



*The Man from U.N.C.L.E.* is an American spy fiction television series broadcast on NBC. It follows secret agents, played by Robert Vaughn and David McCallum, who work for a secret international counter espionage and law enforcement agency called U.N.C.L.E. Originally, co-creator Sam Rolfe wanted to leave the meaning of U.N.C.L.E. ambiguous so it could refer to either "Uncle Sam" or the United Nations.^[1] Concerns by the Metro-Goldwyn-Mayer (MGM) legal department about using "U.N." for commercial purposes resulted in the producers' clarification that U.N.C.L.E. was an acronym for the **United Network Command for Law and Enforcement**.^[2] Each episode had an "acknowledgement" to the U.N.C.L.E. in the end titles.

The series premiered on September 22, 1964 and discontinued its run on January 15, 1968

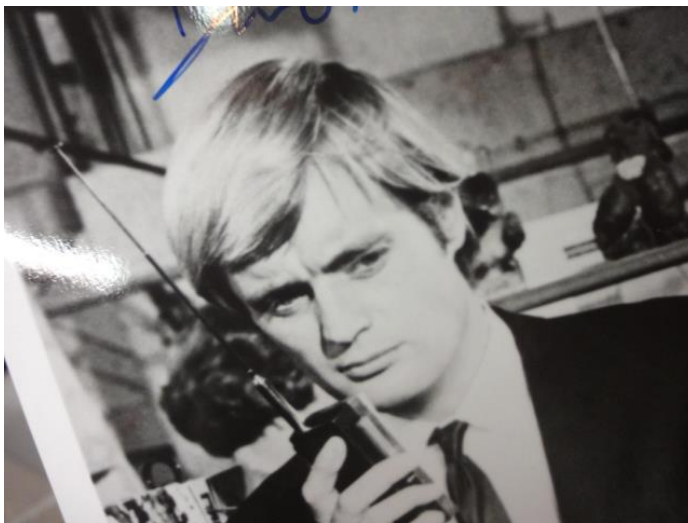


### THRUSH: the main adversary

U.N.C.L.E.'s adversary was THRUSH (WASP in the pilot movie). The original series never divulged who or what THRUSH represented, nor was it ever used as an acronym except in the U.N.C.L.E. novels written by [David McDaniel](#); it is the **T**echnological **H**ierarchy for the **R**emoval of **U**ndesirables and the **S**ubjugation of **H**umanity,^[6] described as having been founded by Col. [Sebastian Moran](#) after the death of [Professor Moriarty](#) at the [Reichenbach Falls](#) in the *Sherlock Holmes* story, "[The Final Problem](#)".

THRUSH's aim was to conquer the world. Napoleon Solo said, in "The Green Opal Affair", "THRUSH believes in the two-party system — the masters and the slaves," and in the pilot episode ("The Vulcan Affair"), THRUSH "kills people the way people kill flies — a reflex action — a flick of the wrist." THRUSH was considered so dangerous an organization that even

governments who were ideologically opposed to each other — such as the United States and the [Soviet Union](#) — had cooperated in forming and operating the U.N.C.L.E. organization. Similarly, when Solo and Kuryakin held opposing political views, the friction between them in the story was held to a minimum.



Though executive producer Norman Felton and Ian Fleming conceived Napoleon Solo, it was producer Sam Rolfe who created the U.N.C.L.E. hierarchy. Unlike national organizations like the CIA and James Bond's MI6, U.N.C.L.E. was a global organization of agents from many countries and cultures. Illya Kuryakin was created by Rolfe as just such an agent, from the Soviet Union.

The creators decided an innocent character would be featured in each episode, giving the audience someone with whom to identify.^[3] Despite many changes over four seasons, "innocents" remained a constant — from a suburban housewife in the pilot, "The Vulcan Affair" (film version: *To Trap a Spy*) to those kidnapped in the final episode, "The Seven Wonders of the World Affair".