



August, 2016  
Volume 55 Issue 08

# MARANews



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## **Next meeting August 16, 2016 at the Bridgewater Public Library**

August 16 no speaker available at this time

September 20 speaker Bill Lieb EMT-P subject lacerations

## **Presidents notes from KC1CFO Denise Sisson**



Hello to all the members of Mara,

I would like to thank all those who attended the meeting last month and I would like to encourage all the new members to come join the meetings.

I would like to know what the new members need as far skills, learning new things etc.

It would be nice to be able to help you with getting things off the ground and getting your stations up and running.

The Boxboro hamfest is coming up in Oct. I have never been, maybe it will be worth checking it out.

Thanks Rick for having another radio day on the Massachusetts.

Our next meeting will be at the Bridgewater Library August 16th at 6:30 PM.

Jeff has agreed to take over the next meeting for me as I will be away. I am hoping everyone is enjoying the summer, it is coming to a close so fast.

Denise KC1CFO

## **Secretary's notes for June meeting**

**SECRETARYS NOTES – MARA MEETING 07/19/16 – Larry Kenney, K1LJK**

**OPEN:** President **Denise Sisson KC1CFO** opened the meeting at 6:30 pm, 07/19/16.

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

<b>KC1CFO Denise Sisson (Pres)</b>	<b>N1XTB Phil McNamara (Treas)</b>	<b>AB1CQ Garry Cumiskey</b>
<b>N1RTS Rob Sisson</b>	<b>N1EZH Barry Kennedy</b>	<b>KB1CYV Roy Logan</b>
<b>AG1B Richard Metcalf</b>	<b>N1FDX Jay Zappulla</b>	<b>N1ZZN Jeff Lehmann (V.Pres)</b>
<b>K1LJK Larry Kenney (Sec)</b>	<b>W1WCF Walt Fitzgerald</b>	<b>N1UMJ John Miller</b>
<b>N1IQI Loren Pimentel</b>	<b>WA1BEE Allen Hiltz</b>	

#### **MEETING MINUTES :**

Motion to accept the June 2016 MARA Secretary's report as published in the June newsletter made by **Barry N1EZH** with a second by **Rob N1RTS**. Motion passed vote by attending club members.

#### **TREASURER'S REPORT:**

Club Treasurer **Phil N1XTB** presented the June treasurers report. Motion to accept as read made by **Roy KB1CYV** with a second by **Barry N1EZH**. Motion passed vote by attending club members.

#### **Old Business:**

- **Jeff N1ZZN** provided a repeater update:
  - Jeff has arranged for a tower climber on July 29<sup>th</sup> to investigate the antenna/feedline issues w/the MARA repeater at the Bridgewater water tower.(est cost is \$75/hr per climber).
  - Jeff commented on the need for a remote (IP) controlled power switch at the repeater site. This would allow remote power cycling in the event of hardware issues. Motion to appropriate \$\$ to purchase this (est cost approx \$100) made by **Barry N1EZH** with a second by **Jay N1FDX**. Motion passed vote by attending club members.
  - A general discussion took place on the continued need for a telephone line (POTS line) at the repeater site (used for auto patch in the past). **Phil N1XTB** commented that if his 900Mhz link to the repeater works, it will support VOIP (voice of IP) and the POTS line won't be needed. The

general thought was to see how this goes and address the need for the POTS line in the near future.

- **Barry N1EZH** reports 8 volunteers assisted with the recent Camp Yomechas road race. Barry thanks all who helped this year.

#### **New Business:**

- **Phil N1XTB** informed everyone of the upcoming Pilgrim Entergy training/drill taking place at the Bridgewater EOC on 7/20/16 from 8am-12:00 noon. Several club members volunteered to participate.
- **Denise KC1CFO** mentioned a few activities/ideas for upcoming club meetings:
  - Show & Tell Foxhunting and portable beam antenna use for new members
  - Instruction on radio use for the new members with tips/ideas from the experienced folks
  - It was noted **Rick KB1TEE** has done a very good job bringing in interesting speakers for our club meetings. Any suggestions for speakers please let us know or contact Rick directly.
- **Jeff N1ZZN** reminded folks of Skywarn use of the MARA .180 repeater during weather situations. This might not be known to some newer members when hearing this on the club repeater. Also noted that in the past, some interesting weather observations have been heard on other area repeaters during weather situations. These would be valuable to the Skywarn team and can be mentioned during the Skywarn activation.
- A general discussion by several members took place on the upcoming Whitman Amateur Radio Clubs Marshfield Fair special event taking place August 19<sup>th</sup> – August 28<sup>th</sup>. The booth will be manned and radio operations will take place daily from 12:00noon-9:00pm in two 4 ½ hr shifts. MARA club members are welcome to volunteer time in the Whitman club booth. If so, a free admission/parking ticket will be provided (while they last). **Jeff N1ZZN** volunteered to have tickets available at our August club meeting for all who wish to volunteer. You can sign up at our August club meeting or by checking the online roster at: [www.wa1npo.org/MarshfieldFair/fairshedule\\_2016.htm](http://www.wa1npo.org/MarshfieldFair/fairshedule_2016.htm). If you have some booth times in mind, you can send these to [wa1npo@gmail.com](mailto:wa1npo@gmail.com) to be added to the roster. **Garry AB1CQ** suggested the Whitman club setup an active PC display showing a band waterfall to better catch the attention of visitors (especially kids) to the booth. Garry noted **Jack W1AKN** recently found USB thumb drive size receivers (HF-900Mhz) available at a reasonable price which would work well.
- **Barry N1EZH** mentioned the upcoming Coast Guard **K1CG** special event. This year, Barry will be on the air Thursday August 4<sup>th</sup> on 40 meters. Barry will also be available on the MARA .180 repeater during this time. Operating frequencies will be provided asap as the event approaches.

**CLOSE:** A motion to adjourn the meeting made by **Barry N1EZH** with a second by **Rob N1RTS**. Motion passed by attending club members. **Denise KC1CFO** closed the meeting at 7:07pm 07/19/16.

## **Second annual operations at the former South Weymouth Naval Air Station August 20, 2016** **0900-1600 W1NAS & K1USN,**

South Weymouth, MA. K1USN Radio Club & Shea Naval Aviation Museum Amateur Radio Club. 14.260 7.260. QSL. Steve Cohn, 10 Hemlock Terr, Randolph, MA 02368. Commemorating the flight of the blimp "Snow Goose" from the South Weymouth Naval Air Station to the Arctic Circle and back while the submarine USS Nautilus was under the polar ice cap. Other freqs and modes as equipment and operators available. VE session at the Museum at 08:30. QSL w/SASE via Steve Cohn, W1OD, 10 Hemlock Terrace, Randolph, MA 02368. [www.anapatriotsquadron.com](http://www.anapatriotsquadron.com) and [www.k1usn.com](http://www.k1usn.com) [www.anapatriotsquadron.com](http://www.anapatriotsquadron.com)



Left is KC1DPO/AG OMAR using a Yaesu 450D on 20 meters on the right is WK1D Jeff enjoying a contact with another ham both are under KB1TEE's cabana

### **BOXBORO**

September 9, 10, 11 The ARRL New England Convention  
at the Holiday Inn in Boxborough, Massachusetts

Don't just attend Boxboro 2016—BE A PART OF IT! The Boxboro Committee seeks fresh and exciting presentations for this year's ARRL New England Division Convention. (Note the new date!) As a Boxboro speaker, you will have the opportunity to share your subject and knowledge with Amateur Radio operators from around New England, surrounding states, and Canada.

Last year's program included top-notch presentations of both a technical, as well as non-technical nature. This year, we will feature workshops on Friday, a Saturday morning keynote address, and an enhanced Sunday program schedule. It's our hope that Convention attendees will attend the many activities spanning the three-day event. If you represent a regional club or organization (e.g. YCCC, NEQRP, WRONE, MARS, etc.) we can help facilitate open forums or closed meetings by providing you a meeting space.

Groups who wish to set up information booths should get your requests in early. While the information booths are offered without charge, we ask for some volunteer time in return to assist us with ticket sales and other logistics during the convention.

To register as a presenter, please visit <https://goo.gl/Nrwu1g> and complete the online form. For the latest information on Boxboro 2016! please visit <http://www.boxboro.org>, or email or call us if you have additional questions. We look forward to meeting all of you at the convention!

## **RUN FOR THE ROCK PLYMOUTH**

Good morning,

The South Shore Hospital has been asked by the Plymouth Boys and Girls Club to once again coordinate communications on Saturday, September 10th, 2016 for their 22nd Annual Boys and Girls Club of Plymouth Run to the Rock 5K, 10K and 1/2 Marathon. The race will again feature 3 different race courses and varied terrain (<http://www.runtotherock.webs.com>).

We in turn are once again asking you for your support by volunteering on race day to assist us in providing communications coverage. Reliable communications coverage along the 3 different race courses plays a critical part in runner safety, race operations, and a successful event. As in previous years all that is required is a 2 meter portable with a fully charged battery, the desire to join other hams in supporting a large public service event, and transportation to your assigned location. This is a low key / low stress event that is a great opportunity for anyone who is interested in public service to experience it. The races start at 9:am sharp and the entire event including the ½ marathon race is over by noon. You will need to be in place at your assignment by 8:15 am for role call / radio check. Positions are secured and operators are free to leave after the last runner has passed their location and they have been released by Net Control. For many this is long before noon.

We do request that once a commitment is made to volunteer that it be honored and every attempt be made to be present on race day. We are staffing 3 race courses which encompass a large area of Plymouth. This year will need to fill approximately 45 positions. It is a daunting task to assign locations based on physical ability, availability, experience, equipment, and making sure everyone gets an Official Run to the Rock T-Shirt, etc. Last minute no shows makes this task much harder.

To volunteer please send the following information in an email to [ssharc@gmail.com](mailto:ssharc@gmail.com).

Your Name:

Your Call sign:

2 Meter Equipment: Portable / Mobile / Both

A contact # to reach you (cell phone preferred):

Your T-Shirt size:

Any physical limitations (we have some spots that can be done next to or from a vehicle):

Any preferences (we will do our best):

Last but not least, we would greatly appreciate your passing along to all hams you know this message and help spread the word that we are requesting the support of any ham with a 2m portable for a maximum 3 ½ hour event for a very worthy organization.

We thank you for your past participation and we hope we can count on your help once again this year. We look forward to hearing from you soon

Sincerely,

John O' K1JRO and the Members of the South Shore Hospital Amateur Radio Club.

South Shore Hospital Amateur Radio Club - W1SSH

c/o Volunteer Services

55 Fogg Road,

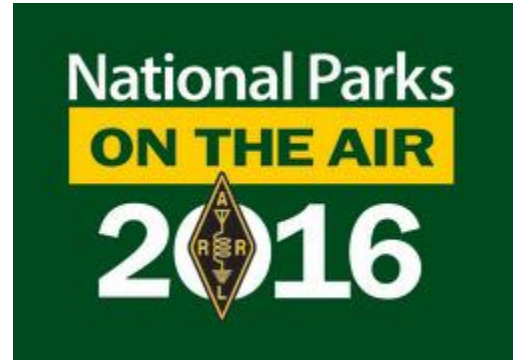
South Weymouth, MA 02190

## National Parks on the Air Update

The Great South Bay Amateur Radio Club put on a first-class activation of the White House Ellipse, which counts for President's Park (DZ10) in ARRL's National Parks on the Air ([NPOTA](#)) program. After considerable effort to secure a permit from the National Park Service, the club set up two stations on the Ellipse on August 5 and 6 and made more than 1200 HF contacts on SSB and CW. AMSAT-NA Secretary Paul Stoetzer, N8HM, also handed out the unit on several Amateur Radio satellite passes.

Kudos to the Rogers High School Amateur Radio Club (W1VRC) in Newport, Rhode Island, for a successful activation of the Touro Synagogue National Historic Site (AA24). The high school club teamed up with the Middletown All Saints STEAM Academy's ham radio club (N1ASA) to make the August 7 activation a success.

For August 11-17, there are 33 Activations on tap, including the first-ever activation of Gates of the Arctic National Park in Alaska, and Wupatki National Monument in Arizona.



[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).

## NEARFEST

# NEAR-Fest

New England Amateur Radio Festival

# OUR TENTH YEAR!

*NEAR-Fest XX*

*October 14 & 15, 2016*

*Deerfield, New Hampshire*

## **The WA9PIE-2 DX cluster system has moved to a hosted environment in the Google Cloud.**

In late July, the hosting service where WA9PIE-2 resided suffered a disk/storage failure that destroyed the files and data that ran the system. This caused an outage for a few weeks while engineers at the hosting service attempted to recover the system. That recovery was unsuccessful and WA9PIE-2 was rebuilt from scratch on servers within that data center.

But as a technology professional, I don't like outages. This isn't the first time my hosting service has let me down. But it will be the last.

As of 0300Z on 9-AUG-2016, the WA9PIE-2 DX cluster has been rebuilt in the Google Cloud. This approach has a number of benefits. It's on faster hardware that is able to scale up (processor, memory, and disk) as usage ramps up. It has dedicated Internet bandwidth that is at a top "peering point" in the Internet. It is in a highly reliable and highly available data center. Whereas, at peak, the former WA9PIE-2 environment supported several hundred connected users and more than a dozen of the world's top cluster nodes as peers, this environment is limited only by the amount of computing power in the Google Cloud. In other words - we're not going to exceed Google's capacity.

The approach for WA9PIE-2 was born out of the need to (a) decrease the propagation time of spots from around the world and (b) eliminate the need for users to maintain several simultaneous DX cluster telnet sessions at the same time (a few software titles provide this ability). Only a few nodes in the world have this design and even fewer of them are hosted in a commercial data center. WA9PIE-2 is directly connected to cluster nodes around the world where over 80% of the world's spots originate. This eliminates the need for users to maintain multiple telnet sessions. WA9PIE-2 does not filter spots and - therefore - enables users around the world to select their own filtering as desired by band, mode, or region.

The WA9PIE-2 cluster has also automated the update for DXSpider, the AD1C country and prefix data, the USDB (FCC database), Keplerian data, and other databases to ensure that the cluster is always up-to-date.

WA9PIE-2 is the recommended DX cluster node for Ham Radio Deluxe software. But everyone is welcome to connect.

WA9PIE-2  
hrd.wa9pie.net on port 8000

73 es good DX!

Mike, WA9PIE

PS: It is not necessary to be a Google user to connect to WA9PIE-2. It's available and open to everyone globally via:

hrd.wa9pie.net on port 8000

Mike, WA9PIE



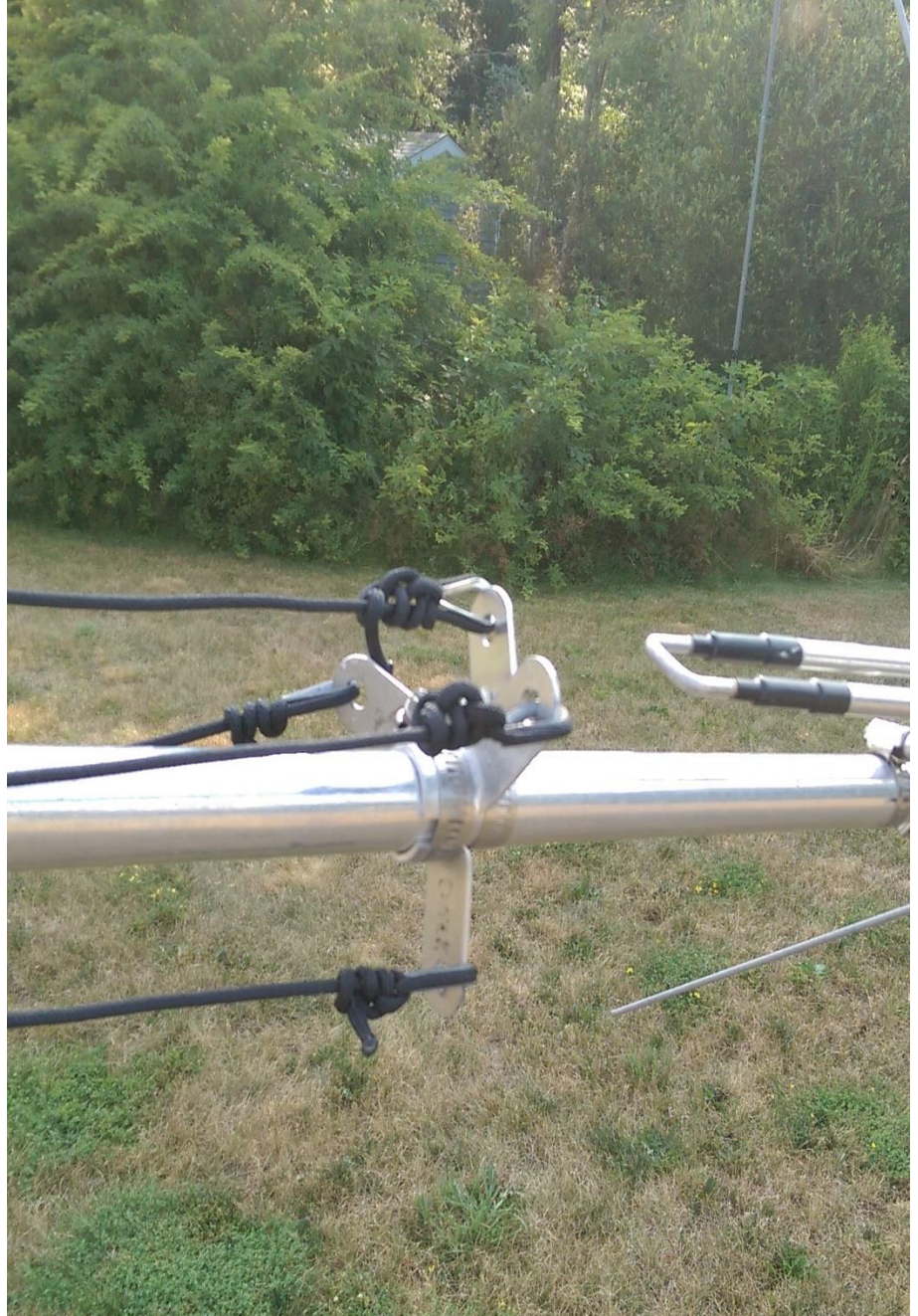
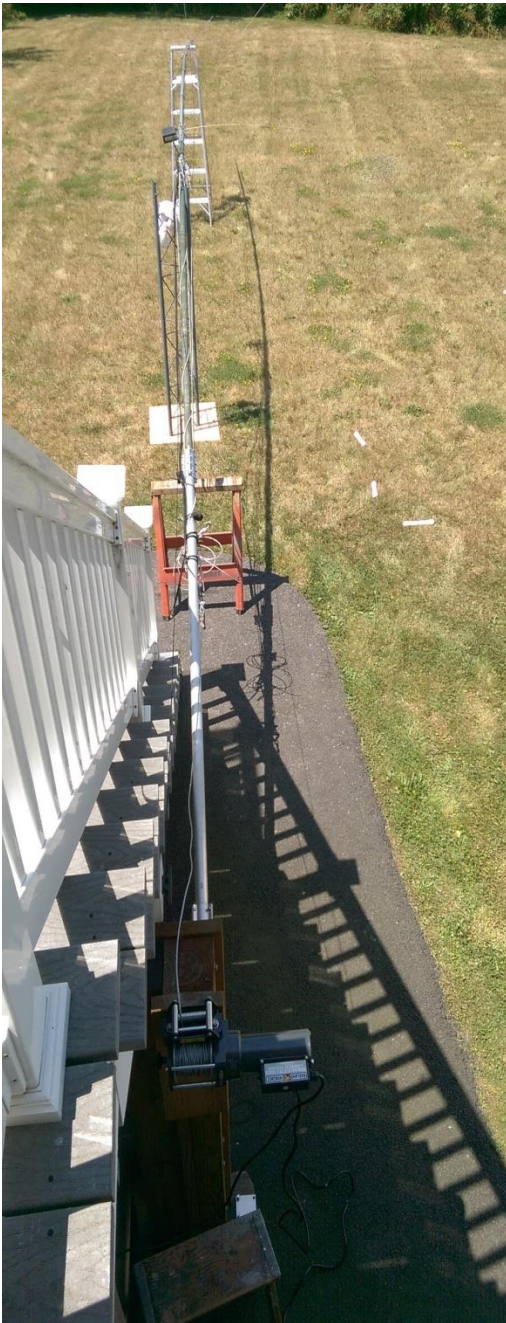
## Latest Project from Barry – N1EZH – July 2016 :



This is the latest project that I completed just prior to getting my new job at the end of July. I was having some issues with only having 3 Guy Ropes near the top of my Cushcraft R7 Vertical Antenna. When the wind would gust, the Top of the Antenna would still blow around some even with the 3 Guy Ropes that were in place on it! I added a 4<sup>th</sup> Guy Rope which seems to be keeping the top more stable when the wind gusts. I have some photos below.

Below Left: Mast, Cushcraft R7 Vertical and SPI-RO D56 down on the ground.

Below Right: These are some parts from a R8 Guy Kit that I purchased and put together that I needed for the Guy Ropes to be placed near the top of my R7 Antenna.





Below: Mast, Cushcraft R7 Vertical and SPI-RO-D56 back up in the air with the 4 Guy Ropes in place to Stabilize the top of the Antenna! There are also 3 Guy Wires on the Military Mast Poles as well!



73 de Barry – N1EZH



## MARA Volunteers for Camp Yomechas Triathlon 07-17-16



In the Photo – Our MARA and other volunteers for the Camp Yomechas Triathlon on Sunday July 17, 2016 are:  
Top L – R: Paul – KB1MTW, Walt – W1WCF, Denise – KC1CFO , Greg – W1VFB (Our Net Control Operator),  
Richard – AG1B. Not in the photo whom also volunteered are: Rob – N1RTS, Alan – WA1BEE, Barry – N1EZH  
(Photo by Barry – N1EZH)

## International Lighthouse Lightship Weekend



**International Lighthouse Lightship Weekend Official Web Site <http://illw.net/>**

***AN ANNUAL AMATEUR RADIO WEEKEND EVENT. (NOT A CONTEST)  
FOUNDED IN 1995 BY TWO MEMBERS OF THE AYR AMATEUR RADIO GROUP, (AARG), SCOTLAND,  
AND HELD ON THE THIRD FULL WEEKEND IN AUGUST.***

**20-21 August 2016 - Duration 48 hours from 0001 UTC 20.8.2016 Year after - 19-20 August 2017**

Welcome to the web site for the ILLW. This annual amateur radio event was started in Scotland by John Forsyth, GM4OOU, and the late Mike Dalrymple (GM4SUC), both members of Ayr Amateur Radio Group (AARG). Through the years the event has grown probably far beyond what John and Mike envisaged for it all those years ago. The fact that some 85 countries have been represented in this event since inception clearly shows that it is well on its way to becoming a premier event on the ham radio calendar.



## **PURPOSE**

The basic objective of the event is to promote public awareness of lighthouses and lightships and their need for preservation and restoration, and at the same time to promote amateur radio and to foster International goodwill. Lighthouses are fast becoming an endangered species with the introduction of Global Positioning Systems and Satellite Navigation and the automation of the light source to solar power which has resulted in the withdrawal of management personnel (Keepers). It is hoped that this event will highlight this situation and help prevent further desecration of these magnificent structures all around the world.

So come and join us in the fun of the weekend, establish a station at a lighthouse, lightship or maritime beacon. The more the merrier. If you decide to join us in the fun just fill in the official online entry form with your details. This will enable other stations to be aware of who is participating in the event. You may also send you entry, or any questions regarding the rules, via the "Contact Us" link in the main menu.



## **Skyler Fennell, KD0WHB, is 2016 Bill Pasternak, WA6ITF, Memorial Young Ham of the Year**

Amateur Radio [Newsline](#) has announced that 17-year-old Skyler Fennell, KD0WHB, an ARRL member from Denver, Colorado, is the 2016 Bill Pasternak, WA6ITF, Memorial Young Ham of the Year ([YHOTY](#)). The recent Denver School of the Arts honors graduate and Amateur Extra licensee was introduced to Amateur Radio when he was a high school freshman, but his interest in electronics began in 4th grade.



"After starting an Amateur Radio club at my high school, we all wanted to be part of a high-altitude balloon launch," he explained on his QRZ.com [profile](#). "After fundraising, and a number of designs, we finally launched with the Edge of Space Sciences ([EOSS](#))." He worked with the EOSS Amateur Radio-equipped balloon launches of the AB0BX STEM School Amateur Radio Club in nearby Littleton.

Skyler's interest in satellite communication resulted in a revival of the Colorado Amateur Satellite Net; he became a net control operator and created a website for the net. He also has gained extensive experience designing and working on repeater systems, and introduced the [AllStar Link](#) system for one of the Rocky Mountain Radio League's repeaters.

**YHOTY winner Skyler Fennell,  
KD0WHB, with his bicycle mobile.**

He became project manager for its 440 MHz repeater and helped put together an AllStar and [EchoLink](#) repeater for students. He was also involved in proposing and assisting in the construction of a VHF/UHF repeater at a remote mountaintop site and added an AllStar link to the system.

An Eagle Scout at 13, Skyler has combined his interests in cycling and Amateur Radio, assembling a bicycle mobile setup with VHF and UHF radios. He will be formally recognized as YHOTY during the Huntsville Hamfest on August 20. Read [more](#). -- *Thanks to CQ Communications*

### **ARRL EASTERN MASSACHUSETTS SECTION**

#### **ARRL EASTERN MASSACHUSETTS SECTION STAFF**

Section Manager (SM) – Tom Walsh, K1TW

Assistant Section Manager (ASM) – Phil Temples, K9HI

Assistant Section Manager (ASM) – Andy Stewart, KB1OIQ

Affiliated Club Coordinator (ACC) – Arthur "Bo" Budinger, WA1QYM

Official Observer Coordinator (OOC) - Ed Parish, K1EP

Public Information Coordinator (PIC) – Joe Weisse, W1HAI

Section Emergency Coordinator (SEC) – Marek Kozubal, KB1NCG

Section Traffic Manager (STM) – Marcia Forde, KW1U

Section Youth Coordinator (SYC) – Jeremy Breef-Pilz, KB1REQ

State Government Liaison (SGL) – Hank Mc Carl, W4RIG

Technical Coordinator (TC) – Dan Brown, W1DAN

HOW TO CONTACT EMA STAFF MEMBERS: To contact section staff members directly simply visit [<http://ema.arrl.org>](http://ema.arrl.org) for contact information.



## SECTION NEWS UPDATES

For the latest updates to section news please check our website regularly at <<http://ema.arrl.org>>

### AUGUST 6 - EMA HOSPITAL NET

John, K1RJO writes that the Eastern Massachusetts Hospital Net is looking for groups or organizations to try their hand at net control duties. Their goal is to rotate net control practice and the experience among as many groups as possible.

If interested please email <[ssharc@gmail.com](mailto:ssharc@gmail.com)>. The next net will be on August 6.

## **NATIONAL TRAFFIC SYSTEM (NTS) EMA SECTION UPDATE**

Everyday, volunteers across the nation activate nets and pass ham radio messages throughout the NTS. The NTS has been in existence since the early days of our fantastic hobby and remains vital today as a training ground for emergency preparedness, for improving operating skills and techniques, for establishing friendships and often serves as an introduction to the hobby for newly licensed hams.

Joining an NTS slow speed traffic net has been used by many hams to hone their cw operating skills and its fun too! NTS is there to benefit the hobby 24/7.

We are very fortunate in EMA and also in the New England Division to have many daily NTS operations you can join and enjoy engaging in the public service aspects of this hobby. We are extraordinarily fortunate to have one of the very best Section Traffic Managers (STMs) in the country. Marcia Forde, KW1U manages not only our EMA activities but for WMA as well. Marcia has a long proud record of making NTS better and is one of many people who keep this proud ham radio traditionalive.

Recently, NTS has been in the news from Newington. I am not going into the details here, but it is important I convey to our EMA section the strong commitment to NTS from the EMA staff. Marcia recently sent a thoughtful communication to her outstanding staff including Net Managers, Traffic Handlers, and others on challenges NTS is facing. Marcia will be an important voice in the debate on the future of NTS and notes "as long as we have people who enjoy this activity of our hobby and want to keep it going, I will do my part to keep it available."

As Section Manager, let me encourage you to participate in our section nets if you are not already. I guarantee you will meet nice folks, improve and maintain your operating skills, and have fun.

### FINAL WORD

Many clubs have a reduced summer activity schedule. Club news will return in the next EMA section news.

73,

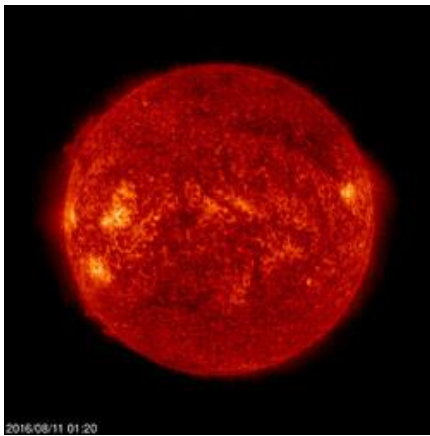
Tom, K1TW  
ARRL Section Manager  
Eastern Massachusetts

## Upcoming ARRL Section, State, and Division Conventions

- August 12-14 -- [New Mexico State Convention](#), Albuquerque, New Mexico
- August 19-21 -- [West Virginia State Convention](#), Weston, West Virginia
- August 20-21 -- [Southeastern Division Convention](#), Huntsville, Alabama
- August 21 -- [Kansas State Convention](#), Salina, Kansas
- September 3-4 -- [North Carolina State Convention](#), Shelby, North Carolina
- September 9-11 -- [New England Division Convention](#), Boxborough, Massachusetts
- September 10 -- [Kentucky State Convention](#), Shepherdsville, Kentucky
- September 10 -- [Virginia Section Convention](#), Virginia Beach, Virginia
- September 16-17 -- [W9DXCC Convention](#), Schaumburg, Illinois
- September 16-18 -- [ARRL/TAPR Digital Communications Conference](#), St Petersburg, Florida
- September 17-18 -- [Illinois State Convention](#), Peoria, Illinois
- September 23-24 -- [W4DXCC Convention](#), Pigeon Forge, Tennessee
- September 24 -- [San Joaquin Valley Section Convention](#), Modesto, California
- September 24 -- [North Dakota State Convention](#), West Fargo, North Dakota
- September 24 -- [Washington State Convention](#), Spokane Valley, Washington

## The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: After 2 days (August 3-4) of *no* sunspots, solar activity resumed with both the sunspot number and the solar flux rising into the 90s. Average daily sunspot numbers rose from 10.7 during the last reporting week to 52 the next reporting week (August 4-10).



Average daily solar flux rose from 72.1 to 87.9. Average planetary A index went from 13 to 14.6, and average mid-latitude A index from 11.9 to 13.7.

The latest solar flux prediction from USAF/NOAA shows 95 on August 11-12; 90 on August 13-15; 95 on August 16-18; 90 and 85 on August 19-20; 75 on August 21-26; 80 on August 27-September 1; 85, 95, 100, and 105 on September 2-5; 100 on September 6-9, and 95 on September 10-13. Flux values are predicted to drop to 75 over September 17-22 before rising again.

Predicted planetary A index is 12 and 10 on August 11-12; 5 on August 13-14; 8, 12, and 10 on August 15-17; 8 on August 18-19; 5 on August 20-23; 15 on August 24-25; 5 on August 26-28; 15, 25, and 18 on August 29-31; 15 on

September 1-2; 12, 8, and 5 on September 3-5; 12 on September 6-7; 8 on September 8; 5 on September 9-10, and 12 on September 11-12.

Sunspot numbers for August 4 through 10 were 0, 36, 33, 63, 91, 72, and 69, with a mean of 52. The 10.7 centimeter flux was 76.3, 79.8, 83.1, 92.7, 96.4, 92.3, and 95, with a mean of 87.9. Estimated planetary A indices were 18, 16, 14, 12, 12, 14, and 16, with a mean of 14.6. Estimated mid-latitude A indices were 17, 16, 13, 12, 9, 15, and 14 with a mean of 13.7.

## Just Ahead in Radiosport

- August 13-14 -- WAE DX Contest (CW)
- August 13-14 -- SKCC Weekend Sprintathon (CW)
- August 13-14 -- Maryland-DC QSO Party (CW, phone, digital)
- August 13-14 -- 50 MHz Fall Sprint (CW, phone)



## New England Area Ham - Electronic Flea Market

13 Aug St Albans VT	STARC @VFW \$5@8	Arn N1ARN	802 309 0666
20 Aug Windsor ME	AARA @FG	Bill K1NIT	207 512 0312 A+
21 Aug Cambridge MA	Flea at MIT Third Sunday April thru October	Mitch	617 253 3776 +
28 Aug Adams MA	NoBARC @BoweFld 6:30sell 7:30buy	Eric KA1SUN	413 743 9975
28 Aug Newtown CT	CARA @TownHall	John KC1CBL	203 417 0160 A+
17 Sept Forestdale RI	RIAFMRS @VFW \$5/Sp@8	Pete AA1PL	401 639 4484
9,11 Sept Boxboro MA	FEMARA NE Conv *NEW DATE *	Mike K1TWF	978 250 1235 +
10 Sept Windsor CT	VR+C Mus 115 Pierson LN @8AM Outdoor	John	860 673 0518 +
18 Sep Cambridge MA	Flea at MIT	Mitch	617 253 3776
24 Sep Brookline NH	NEARC Antige @EvntCr \$10@7:30 \$5@8:30	Bruce	603 772 7516 +
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 +
16 Oct Cambridge MA	Flea at MIT	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+
12 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 +

# **SPACEWEATHER.COM 27-Day Outlook of 10.7 cm Radio Flux and Geomagnetic**

## **Indices**

:Product: 27-day Space Weather Outlook Table 27DO.txt  
:Issued: 2016 Aug 08 0119 UTC  
# Prepared by the US Dept. of Commerce, NOAA, Space Weather Prediction Center  
# Product description and SWPC contact on the Web  
# <http://www.swpc.noaa.gov/wwire.html>

#	27-day Space Weather Outlook Table			
#	Issued 2016-08-08			
#	UTC	Radio Flux	Planetary	Largest
#	Date	10.7 cm	A Index	Kp Index
	2016 Aug 08	100	20	5
	2016 Aug 09	105	8	3
	2016 Aug 10	100	12	4
	2016 Aug 11	100	10	3
	2016 Aug 12	100	8	3
	2016 Aug 13	100	5	2
	2016 Aug 14	95	5	2
	2016 Aug 15	95	12	4
	2016 Aug 16	95	12	4
	2016 Aug 17	95	5	2
	2016 Aug 18	90	8	3
	2016 Aug 19	90	8	3
	2016 Aug 20	85	5	2
	2016 Aug 21	75	5	2
	2016 Aug 22	75	5	2

☐ Space.com reports that this year's Aug11/12 Perseid shower will be unusually intense. This promises potentially spectacular meteor burst sporadic E propagation, especially at 6m and 2m. For details see:



<http://www.space.com/33648-perseid-meteor-shower-extra-awesome-2016.html>



Now for hams that's some good news related to a comet!

The "Ping Jockeys" should be very active. Get ready for some "blue whizzers"!!

The advent of WSJT digi modes has been a big boost for working this type of prop, but more traditional SSB/CW (or HSCW!) still work fine especially in bigger events like this could be.

Those who don't do VHF all-mode (why not?) but have HF should realize that 28 MHz, now mostly dead for longer DX propagation, also works very well for meteor scatter. That's how I was able to nab the otherwise too close (to FL) Navassa expedition on 10m SSB last year.

I'll be listening for you "on the rocks"!

73 de John - WØPV



# **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

### *Island in the Sky* (1953 film)



*Island in the Sky* is a 1953 American aviation adventure drama film written by Ernest K. Gann based on his 1944 novel *Island in the Sky*, directed by William A. Wellman, and starring and co-produced by John Wayne. It was released by Warner Bros. Due to its realism depicting the events surrounding an actual aircraft crash, it is considered one of the "classic" aviation films.



The film follows a pilot and crew of a World War II-era Douglas C-47 Skytrain (the military version of the DC-3) who try to survive after a forced emergency landing in the uncharted wildlands near the Quebec-Labrador border. The pilot, Dooley (John Wayne), is a former airline pilot, who, like many others, was pressed into duty hauling war supplies across the northern route to England. Icy conditions force the aircraft to land, and with the difficulties of navigating far from settled country, they can provide only an approximate position to rescuers.





After finding a frozen lake for a landing field, Dooley must keep his men alive while waiting for rescue in the extreme winter cold with temperatures plummeting to -70 °F. Meanwhile, at Air Transport Headquarters, Col. Fuller (Walter Abel) gathers fellow airmen (played by Lloyd Nolan, James Arness, Andy Devine and Paul Fix), who are determined to find the downed crew before hunger and the winter do them in. Wellman provides internal narrative for the stoic characters. There is tension and a fear-filled meeting among the search pilots when no one is quite sure about what to do, since a wrong decision could doom the missing crew.



The script was based on a true story about a flight on 3 February 1943, although, unlike the story of the film, the co-pilot did not die. In his autobiography *Fate Is the Hunter* — on which the movie of the same name is very loosely based — Gann related the true story and his role as one of the search pilots while serving with Air Transport Command at Presque Isle Airfield, Maine. Gann had been scheduled to fly the mission that ran into trouble, but was bumped off the flight by a more senior pilot.

The rights to the story were originally bought in January 1950 by Robert Stillman Productions, and Gann planned to write the screenplay with Seton I. Miller. Frank Rosenberg was scheduled to produce the film, which would star Richard Widmark. When Stillman dropped the film, the rights were picked up in December 1952 by Wayne-Fellows Productions, the partnership of John Wayne and Robert Fellows, as their third of seven eventual productions — including, a year later, another Gann story, *The High and the Mighty*, in which Wayne also co-starred. The two movies shared many of the same production staff and crew members, including director William Wellman.