



September 2015
Volume 54 Issue 09

MARANews



Next meeting September 15, 2015 at the Bridgewater Library

September guest speaker Bill Burke NR1FD First Aid

October Guest Speaker Bob Azanow KA1KIJ Surge Protection

Presidents notes N1EZH Barry Kennedy

Presidents Monthly Message for September 2015 from Barry – N1EZH:

I Hope everyone has enjoyed your Summer as Labor day is upon us and Autumn just around the corner! I received some new Masts and parts and put together a couple of RF Cables for the relocation of my SPI-RO D56 Trap Dipole and Cushcraft R7 Vertical I hope to complete this Fall, so it is progressing. I will provide some photos when getting it closer to completion. If any of you have worked on a Ham Radio project, please take some photos and submit them to Rick – KB1TEE@gmail.com so he can put them in our Monthly MARA Newsletter.

Bridgewater EOC Pilgrim Evacuation Exercise/Drill: (In lieu of our regular monthly meeting.), Although we did not take any photos at the August 20th Drill we did have a sign in roster provided by Phil – N1XTB, and the Drill went very well from our vantage point. Those of us that were at the Bridgewater EOC prior to going to the 2 offsite locations (St. Thomas Aquinas Church Parking Lot and the BSU Tinsley Hall) were Phil McNamara – N1XTB (Our EOC Communications Officer) along with Bob Mandeville – N1EDM, Roy Logan – KB1CYV & Rick Emord – KB1TEE (St. Thomas Aquinas Church Parking Lot), Allan Cox – K1VQ & Barry Kennedy – N1EZH (BSU Tinsley Hall). Below is a summary of our part during the Drill;

We used our Bridgewater – 444.550 MHz MARA- W1MV Repeater during the exercise, After Keith (The Reception Center Director) gave us a very good overview of the operation at the Reception Center (I would estimate around 50 or so volunteers were there to man the various stations at the center), Alan – K1VQ and I were asked several questions by the FEMA Staff grading the exercise about how our communications operate, what kind of support we provide, what kind of backup we have in case a Transceiver stops working, etc. We also gave a live demonstration, and was able to give both Phil – N1XTB at our EOC and Roy – KB1CYV at St. Thomas Aquinas Parking Lot a report of Loud and Clear as we were to both of them!. The FEMA Staff seemed impressed as we were able to communicate quite well with each other, while

those using the MRC Hand Held Transceivers were unable to communicate with the EOC at all, so were glad we would be able to provide reliable communications during a real event! This would include shadowing the Reception Center Director, having people in place at the locations we were at, maybe Shadow the Bridgewater EMA Director (John) and possibly several others if needed in order to provide the reliable communication support they would need. Thanks to everyone who helped with this drill, as it would not have been successful if we were not all there!

MARA facebook Page: For those of you that are on Facebook, we have a *Massasoit Amateur Radio Association* Facebook Page! I have been updating the page with Club Events, Meeting photos, etc. so that it can be another resource for us in which to spark interest in our club and keep members informed of what we are doing outside of our Club Meetings and in our Community. There are photos of the wonderful presentation by Bob – N1EDM at our July meeting along with the Middleboro YMCA Triathlon that we supported in July. Thanks to John – N1UMJ for being our Net Control for the Event. Photos for both can be found below. Please send Rick–KB1TEE@gmail.com or myself –N1EZH@comcast.net any articles or photos you would like to see in, or on our MARA Newsletter, W1MV – MARA Website and Facebook Page.

Boxboro ARRL Convention: My friend Alan – N1MXH and I attended the Boxboro ARRL Convention on Saturday August 22nd and saw many Massasoit ARA and Whitman ARC members there along with other fellow Hams we have not seen in a while. I have been looking into Rotatable Dipoles such as the Mosley 31A Mini for a while to give a try for some better HF Communications possibly even if just being able to pick up a couple of “S” Units due to 0 Gain on them, however did not want to break the bank and keep the cost down some. Sure enough to my surprise someone had one for sale at a reasonable price, so was able to pick it up. I will give a report when able to give it a try due to other projects I am working on at the moment.

Taunton ACG BBQSO: We all had a great time At our August 15th Taunton Area Communications Group – KC1TAC Annual BBQSO in Celebration of “The Bruce” – N11X. Although we only made a couple of contacts, Several members from Massasoit Amateur Radio Association and Whitman Amateur Radio Club were also in attendance. Thanks again to Rick – KB1TEE and Patti for having us over to their home for this wonderful annual event! and Patti’s Home at 135 Wareham Street in Middleboro. There was a Grill available and everyone brought their food to cook on the grill. Several of us brought our HF or VHF Transceiver too and Rick-KB1TEE had several antennas set up to operate with! Great to see everyone that was able to attend, and there are several photos below of our Event!

In closing, I look forward to seeing all of you at our September Meeting!

73 de Barry – N1EZH
President – Massasoit Amateur Radio Association

Below Photos: At our August 15th Taunton Area Communications Group – KC1TAC Annual BBQSO in Celebration of “The Bruce” – NI1X. Several members from Massasoit Amateur Radio Association and Whitman Amateur Radio Club were also in attendance.

In the below Photo are; Jim – N1JCW (In the background next to the grill), Richard – AG1B, Ed – KC1DWZ, Rick – KB1TEE, John – N1UMJ and Bill – NR1FD. Photo by Barry- N1EZH



Above Top: With the Banner of “The Bruce” – N11X (SK) in the background are: Ed – KC1DWZ, Rick – KB1TEE, Jeff – WK1D, John – N1UMJ and Bill – NR1FD. Photo by Barry- N1EZH

Bottom: Discussing Rick – KB1TEE’s Portable Antenna Tower Trailer are: Richard – AG1B, Bill – NR1FD, Jay – N1FDX, Ed – KC1DWZ, Rick – KB1TEE, Jeff – WK1D. Photo by Barry - N1EZH



UP COMING EVENTS

Fox Hunts

Check in with Roy KB1CYV and Richard AG1B on dates and times they are looking for a few hunters to find the Wile E Fox hiding in and about the south coast

Run to the Rock Hello all fellow HAMS,

The South Shore Hospital Amateur Radio Club has been asked to once again provide communications for the Run To The Rock Road Race. This large event will be held this year on September 12, 2015. We are seeking volunteers for this 4 ½ hour morning event (7:30 am to noon). The Race will continue to use 3 race courses as it has in the past which encompasses a large geographic area of Plymouth. We need approximately 35-40 licensed amateur radio volunteers to effectively cover the courses and stations. The Run to the Rock 5K, 10K, and 1/2 Marathon takes place the first Saturday after Labor Day in September each year. All race proceeds benefit the Boys & Girls Club of Plymouth and has grown to be the largest single

fundraising event that the club holds each year. For complete information on the event, please visit: <http://www.runtotherock.webs.com>.

This is a great event for those new to the hobby and / or public service who are inexperienced and would like to give it a try. The need for previous experience for most positions is very low and we have the ability to mentor you through it. For those who are experienced we also have a few locations that are more demanding. If you can't volunteer but know of someone that would be interested please pass this message along. The only requirements are a Technician class license, a 2 meter portable radio with our frequencies programmed and a fully charged battery, and your own transportation around Plymouth. For those who have worked with us in the past if you would like to volunteer again this year and reserve your same assignment just let us know (early).

This is a fun time and your volunteering your time is greatly appreciated by the event organizers, The Boys and Girls Club of Plymouth, public safety agencies, and the South Shore Hospital Amateur Radio Club. It takes a lot of volunteers to provide communications coverage for 3 simultaneous races with 1,600+ runners. If you are available to help out for a short period of time (4 ½ hours) we'd love for you to join us. Please send us an email or drop us a line and include all the information below (even if you think we already have it) to ssharc@gmail.com

Your full name, Your Call Sign, Telephone number (cell preferably), Your t-shirt size. We will send out race and frequency info, assignments, basic operating guidelines etc. several days before race day or earlier as the information becomes available.

We look forward to hearing from you soon.

John O' Neill K1JRO

South Shore Hospital Amateur Radio Club - W1SSH





Our third onboard special operating event for 2015 will be held the weekend of 26-27 September commemorating the decommissioning of BB-64. A reminder email will be sent.

Our fourth onboard special operating event for 2015 will be held the weekend of 5-6 December remembrance of the Pearl Harbor attack December 7th 1941

JOTA 2015



Jamboree on the Air is the largest Scouting event in the world. In a typical year over 1 million Scouts participate with over 11,000 stations operated by 20,000+ amateur radio operators in operation from 150+ countries around the world.

The National Radio Scouting Committee develops and maintains a great deal of JOTA supporting information online at [Jamboree-on-the-Air](#) in addition to all the information, station registration, and [USA Reports](#) posted on this site. You can see video reports of past year's activities below. The official dates for 2015 are October 16, 17, 18. Note that JOTA officially begins on Friday evening at the start of the weekend.

The K7RA Solar Update

Tad Cook, K7RA, in Seattle, reports: The Australian Space Forecast Centre issued a Geomagnetic Disturbance Warning at 0132 UTC on September 8: "The effect of a high-speed solar wind stream from a coronal hole is keeping geomagnetic activity enhanced." The NOAA Space Weather Prediction Center (SWPC) [Daily Geomagnetic Data](#) show the resulting high numbers indicating geomagnetic instability. On HF we might see higher absorption rates, but on VHF, we might see some interesting propagation modes.

Note that there are no mid-latitude or high-latitude A index numbers for September 8, 9, and 10. This is probably because geomagnetic activity was strong enough to knock the respective magnetometers out of service.

Frank Donovan, W3LPL, shared a link to the American Astronomical Society Nova article, "Witnessing Solar Rejuvenation," which proposes that Cycle 25 may be similar to Cycle 24.

Weak solar activity continues. The average daily sunspot number for September 3-9 was only 37.3, down 11 points from the previous 7 days. Average daily solar flux was 85.3, compared to 97 for the previous week.

Geomagnetic activity was strong, with the average planetary A index up from 19.4 to 27.1. The most active day was September 9, when the planetary A index was 59.

The latest solar flux prediction from USAF/NOAA has readings of 85, 90, and 100 on September 10-12; 105 on September 13-14; 110 on September 15-17; 115 on September 18-22; 110, 105, 100, and 95 on September 23-26; 90 on September 27-October 1, and 85 on October 2-7. Flux values then rise to 115 for October 15-19.

Predicted planetary A index is 28, 16, and 27 on September 10-12; 16, 10, and 8 on September 13-15; 5 on September 16-17; then 8, 20, and 10 on September 18-20; 5 on September 21-23; 15 and 10 on September 24-25; 5 on September 26-29; 8 and 18 on September 30-October 1; 12 on October 2-4; 8 on October 5; 5 on October 6-7; 8, 12, and 8 on October 8-10, and 10 on October 11-13.

Sunspot numbers for September 3 through 9 were 27, 36, 24, 38, 47, 40, and 49, with a mean of 37.3. The 10.7 cm flux was 86.5, 89.9, 85.4, 85.6, 83.7, 83.5, and 82.3, with a mean of 85.3. Estimated planetary A indices were 9, 20, 13, 14, 46, 29, and 59, with a mean of 27.1. Estimated mid-latitude A indices were 9, 18, 10, 12, 27, 24, and 31, with a mean of 18.7 (the September 8 and 9 numbers are my own estimates).

In Friday's bulletin we will look at a revised forecast. [Send](#) me your reports and observations.

Just Ahead in Radiosport

- September 11 -- NCCC RTTY Sprint Ladder
- September 12 -- FOC QSO Party (CW)

- September 12 -- WAE DX Contest (SSB)
- September 12 -- Ohio State Parks on the Air (SSB)
- September 12 -- Kulikovo Polye Contest (CW)
- September 12-13 -- SKCC Weekend Sprintathon (CW)
- September 12-13 -- Arkansas QSO Party (CW, SSB)
- September 12-14 -- [ARRL September VHF Contest](#)
- September 13 -- North American Sprint (CW)
- September 16-17 -- CWops Mini-CWT Test
- September 17 -- NAQCC CW Spring

New England Area Flea Schedule-- Courtesy of W1GSL

19 Sept Forestdale RI RIAFMRS @VFW \$5/Sp@8 Pete AA1PL 401 639 4484

19 Sept Fishkill NY MtBARC @QWL DnStCorr Adam KC2DAA 845 849 3666
A

19 Sept Alexander ME SCVARC \$5@8 @ElSch Perro WA4KEO
W

20 Sept Cambridge MA Flea at MIT Mitch 617 253 3776
F
Third Sunday April thru October

26 Sep Brookline NH NEARC Antique \$5@8:30 \$10@7:30 Bruce 603 772 7516
W

16,17 Oct Deerfield NH NEARfest XVIII @FG Mike K1TWF 978 250 1235

17 Oct Longueuil PQ CRARivSud \$7@9 \$10/T@6 Noel VE2BR 450 691 2009
R

17,18 Oct Wakefield MA Photographica @AmericalCtr ~photo~ John 781 592 2553

18 Oct Cambridge MA Flea at MIT Mitch 617 253 3776
F
Third Sunday April thru October

18 Oct Meriden CT Nutmeg @Sheraton John N1GNV 203 440 4973
A

18 Oct Queens NY HOSARC @HoS Stephen WB2KDG 718 898 5599

25 Oct Hicksville NY LIMARC @levitHall \$6@9 \$20/T Richie K2KNB 516 694 4937
W+

31 Oct Gails Ferry CT TCARC @FireCo Darryl WA1DD 860 443 7799
A+

14 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7 Ralph N1YHS 508 548 0422

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

HAM RADIO LOCAL AREA RACES / ARES NETS

If you know of a Ham Radio Local Area RACES or ARES Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact Barry – N1EZH at: N1EZH@comcast.net , so this list can be updated. Thanks!

Monday: * MEMA / RACES Region II Monthly Tests

* **Please Note:** The below MEMA / RACES Monthly Tests are conducted on the first Monday of the Month unless it is a Holiday, which will then be conducted on the 2nd Monday of the Month. If there is no one on the Net representing your City or Town, the Net Control would appreciate your participation and you can tell them that you are operating from your Home Station if not at an EOC. This could be a real help in an actual Emergency!

2 Meter Repeater Frequency, PL Tone, Sector, Net Time:

City / Town Served:

147.000-Dartmouth PL: 67.0 Hz: Sector 2A, 7:30 PM

Acushnet, Attleboro, Berkley, Dartmouth, Dighton, Fairhaven , Fall River, Freetown, Mansfield, Marion, Mattapoissett, New Bedford, North Attleboro, Norton, Plainville, Raynham, Rehoboth, Rochester, Seekonk, Somerset, Swansea, Taunton, Wareham, Westport.

145.390-Norwell PL: 67.0 Hz: Sector 2B, 8:00 PM

Abington, Bridgewater, Brockton, Carver, Duxbury, East Bridgewater, Easton, Halifax, Hanover, Hanson, Kingston, Lakeville, Marshfield, Middleboro, Norwell, Pembroke, Plymouth, Plympton, Rockland, Scituate, West Bridgewater, Whitman

146.955- Dennis PL: 88.5: Sector: 2C, 8:00 PM

Barnstable, Barnstable County, Bourne, Brewster, Chatham, Chilmark, Dennis, Dukes County, Eastham, Edgartown, Falmouth, Gay Head, Gosnold, Harwich, Mashpee, Nantucket, Oaks Bluff, Orleans, Provincetown, Sandwich, Tisbury, Truro, Wellfleet, West Tisbury, Yarmouth

146.865-Sharon PL: 146.2: Sector: 2D, 7:30 PM

Avon, Bellingham, Braintree, Canton, Cohasset, Dedham, Dover, Franklin, Foxboro, Hingham, Holbrook, Hull, Medfield, Medway, Millis, Milton, Needham, Norton, Norfolk, Norwood, Quincy, Randolph, Sharon, Stoughton, Walpole, Westwood, Wellesley, Wrentham, Weymouth

HAM RADIO LOCAL AREA NETS

If you know of a Ham Radio Local Area Net that is not listed here, a typo on the information, or a Net listed which is no longer active, please contact Barry – N1EZH at: N1EZH@comcast.net, so this list can be updated. All Frequencies are in MHz and 6 Meters (50.0 MHz and up.), are FM Mode unless otherwise noted. Thanks!

**Sunday: WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0
6 Mtr AM Net, 5:00 PM, 50.400.0 AM**

**Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:30 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, 8:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5

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

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

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

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/>**

Treasurer: Phil McNamara N1XTB
Secretary: Larry Kenney K1LJK
Call sign Trustee: Phil McNamara N1XTB

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

2M Repeater 147.180+ (Tone 67.0)

440 Repeater 444.550+ (Tone 88.5)

APRS Node Node 144.39 W1MV-1

Packet BBS 145.09 N1XTB-4

Packet Node Brockton 145.09 W1JOE-7 (BROCK)

MARA Web page <http://www.w1mv.org/>

Newsletter Editor kb1tee@gmail.com

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

Qsl via www.eqsl.cc

Skywarn www.powersrvcs.org/w1gmf/skywarn.htm

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

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

Our **Meetings-On-The-Air** are held all other Tuesday evenings at 8PM on 147.180+ and includes the Westlink News Report with the latest news about happenings in the world of Amateur Radio.

The **South Shore Skywarn Net** is held every Saturday evening at 8PM local time on 147.180+ and is open to all hams.

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

Editor Rick Emord KB1TEE

Monthly post of TV /movie pictures using radios

Star Trek is an American science fiction television series created by Gene Roddenberry that follows the adventures of the starship *USS Enterprise* (NCC-1701) and its crew. The show is set in the Milky Way galaxy, roughly during the 2260s. The ship and crew are led by Captain James T. Kirk (William Shatner), first officer and science officer Spock (Leonard Nimoy), and chief medical officer Leonard McCoy (DeForest Kelley). Shatner's voice-over introduction during each episode's opening credits stated the starship's purpose:

Space: the final frontier. These are the voyages of the starship *Enterprise*. Its five-year mission: to explore strange new worlds, to seek out new life and new civilizations, to boldly go where no man has gone before

The series was produced 1966–67 by Desilu Productions, and by Paramount Television 1968–69. *Star Trek* aired on NBC from September 8, 1966 to June 3, 1969.



Left to Right Montgomery Scott (James Doohan), Pavel Checkov (Walter Koenig), Leonard McCoy (DeForest Kelley), Christine Chappel (Majel Barrett), Jim Kirk (William Shatner), Uhura (Nichelle Nichols), Spock (Leonard Nimoy) Hikaru Sulu (George Takei)

