



January, 2017
Volume 56 Issue 01

MARA News



Membership \$\$\$ are now Due!

Next meeting January 17, 2017 at the Bridgewater Public Library

February 21, 2017 no speaker at this time

April is our Holiday get together anyone have a location they think would be appropriate

Presidents notes from KC1CFO Denise Sisson



Presidents Monthly Message for November 2016 from Denise - KC1CFO

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 schedule. We 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 (Tuesday - 8 PM) or South Shore SKYWARN Net (Saturday 8 PM)! This is your club, so please consider participating as Net Control Operator for one of your Nets. I have a copy of our preamble for both Nets and will customize it with your Name and 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 or help get the word out even more!

Here are the Preambles for the MARA Tuesday Night Weekly Net and the South Shore Skywarn Net, this is so anyone who would like to participate in a net can just fill in the blanks and help out when needed.

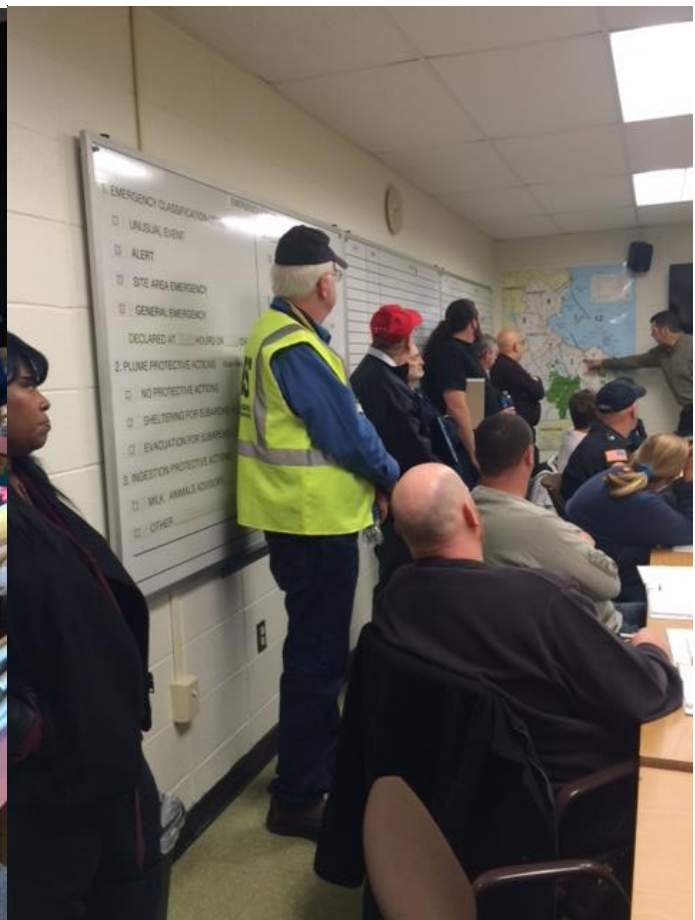
Happy New Year to all. I hope you all had a safe and happy season. Following is the preambles for the two nets, so if anyone would be interested in filling in as needed you have the information and formats.

Thank your Rick for a wonderful newsletter and the time you put into it.

See you at the next meeting, January 17th, at 6:30 PM

73 Denise - KC1CFO

President - Massasoit Amateur Rado Association



MARA - Tuesday Night Weekly et

Is there any further use of the Repeater before we begin this evening's net?

NOTHING HEARD.....

Good evening, and welcome to the weekly Massasoit Amateur Radio Association meeting on the air.

This net meets every Tuesday evening at 8:00 PM with the exception of the 3rd Tuesday of the month which is our regular Club meeting night. Our monthly meetings are held at the Bridgewater Public Library across from the Academy Building at 6:30 PM.

This is _____ (your call Sign) _____ (Name) in _____ (town), and I will be the Net Control this evening.

The purpose of our net is to relay items of interest to the general Ham Community, such as playing the Newline Report. We are also looking for Health and Welfare information regarding Hams in the area. If you have a technical problem with your radio or antenna system, someone on the Net may be able to help you.

You don't have to be a member of MARA to join the Net, all Hams are welcome.

Our format is to take check - ins for the first few minutes, run the Newline Report, ask for further check - ins, and then have a roundtable discussion.

As always EMERGENCY or PRIORITY traffic take precedence, and may break in at any time.

We ask that you use ARRL recommended procedure of saying "THIS IS....." dropping your carrier to check for doubling, then giving your name and Call Sign slowly.

With that, check - ins please come now.

(Repeat back Check - ins Name & Call Sign.)

NOTE: If there are Mobile, Echolink or IRLP Stations that checked in, let them give their comments prior to running the Newline Report.

To Run the Newline Report: **(Contact one of the regular net controllers for access codes)**

At the 10 Minute Breaks, say " _____ (your Call Sign) on the W1MV Repeater"

That was another very interesting Newline Report and this is _____ (your Call Sign) with the weekly Massasoit Amateur Radio Association Meeting on the air.

Are there any additional Check - ins before we proceed with the net?

Announcements / Roundtable

Are there any additional check - ins or Comments before we close this evening's Net?

I would like to thank those who participated this evening, those who stood by during the Net, and the W1MV Repeater Trustees for allowing us the opportunity to conduct this meeting.

We now return the Repeater to its' normal operation.

73 all, this is _____(your Call Sign) clear of 147.180 at (the time ended).

South Shore Skywarn Net Preamble

Is there any further use of the Repeater before we begin tonight's South Shore Skywarn Group Net? This is _____(your call sign)

NOTHING HEARD

Calling the South Shore Skywarn Group Net. This is _____(your call sign), _____(name) and I am located _____(town you live). This net meets each Saturday evening at 8:00 PM local time on the 147.180 Bridgewater Repeater. This Net is an informal round table discussion concerning matters of interest to the members of the South Shore Skywarn Group and the Amateur Radio Operators throughout our coverage area.

As always EMERGENCY or PRIORITY Traffic take precedence, and may break in at any time.

After taking Check - Ins, I will open up the Net for any announcements, comments, questions or discussions that anyone may have. All Amateurs are welcome to join the Net.

We ask that you use the ARRL recommended procedure of saying "THIS IS.....", dropping your carrier to check for doubling, then giving your Call Sign and Name slowly.

All Check - Ins for the Net please call now.

CLOSE

Are there any additional Check - Ins or Comments before we close this evening's South Shore Skywarn Group Net? This is _____(your Call Sign).

Hearing nothing, this is _____(your Call Sign) closing tonight's session of the South Shore Skywarn Group Net. I would like to thank everyone who participated this evening, and those who stood by while I ran the Net. Many thanks to the Trustees of the W1MV Repeater who allow us to conduct these meetings on the air. The South Shore Skywarn Group Net will return next Saturday evening at 8:00 PM. This is _____(your Call Sign) returning the Repeater to general amateur use.

73 all
_____(your Call Sign), is now clear of 147.180.

SECRETARYS NOTES – MARA MEETING 01/17/17 – Larry Kenney, K1LJK

No report for December

EASTERN MASSACHUSETTS SECTION NEWS – January 2017

January 21, 2017,

Whitman Amateur Radio Club Winter-Fest Ham-Fest

Whitman, MA. <<http://www.wa1npo.org/WinterFest2017.pdf>>

February 18, 2017

Algonquin ARC <<http://www.n1em.org>>

Marlboro, MA

Sunday, April 23, 2017 – 09:00 AM

Framingham ARA Spring Flea Market and Exams

Keefe Technical School

Framingham MA <<http://w1fy.org/flea.aspx>>

May 5-6, 2017

NEAR-Fest

Deerfield, NH <<http://www.near-fest.com/>>

June 2-4, 2017

Museum Ships on the Air (MSOTA) weekend

0000Z June 2 through 2359Z June 4

Find further information at <<http://ema.arrrl.org/node/2186>>



The Marconi Cape Cod Radio Club, KM1CC, will be QRV on the HF bands beginning January 17 at 2100 UTC until January 18 at 2100 UTC. The KM1CC ops will use their home stations.



Operating times and frequencies are as follows:

SSB:

15 M	21.360 SSB
17 M	18.160 SSB
20 M	14.260 SSB
40 M	7.130-7.260 SSB
80 M	3.660-3.860 SSB

CW:

15 M	21.035 N1DC	1200-2100 January 18 UTC
17 M	18.080 K1RV	1200-2100 January 18 UTC
20 M	14.035 N1DC	0000-0300 1200-2100 January 18 UTC
30 M	10.110 K1RV	0000-0300 1200-2100 January 18 UTC
40 M	7.035 N1DC/K1RV	0000-0500 1200-1500 January 18 UTC
80 M	3.535 N1DC/K1RV	0000-0500 January 18 UTC
160 M	1.840 N1DC/K1RV	0230-0500 January 18 UTC

For QSL card request information, check QRZ.com. For photos and more information on KM1CC check the KM1CC Facebook page.

The Marconi Radio Club will operate W1AA/MSC to represent the 1901 Marconi "MSC" Shore Station Siasconset on Nantucket Island off the coast of Massachusetts. Unfortunately, they will not be operating from the original MSC location on Nantucket Island as it is now private property and inaccessible. During the most famous sea-going disaster of the twentieth century, the Siasconset station played a critical role. Late on the night of April 14, 1912, duty operator Matt Tierney received distress signals from the sinking Titanic. Siasconset was the first mainland wireless station to receive them, and he immediately alerted all other stations of the tragedy. DX stations may QSL via the W1 Bureau, while stateside stations QSL via K1VV with a #10 business size envelope SASE.

Illegal Drone Transmitters Could Interfere with Air Traffic Control, ARRL Complaint Asserts

In what it calls an "[extremely urgent complaint](#)" to the FCC, ARRL has targeted the interference potential of a series of audio/video transmitters used on unmanned aircraft and marketed as Amateur Radio equipment. In a January 10 letter to the FCC Spectrum Enforcement Division, ARRL General Counsel Chris Imlay, W3KD, said the transmitters use frequencies intended for navigational aids, air traffic control radar, air route surveillance radars, and global positioning systems.

"This is, in ARRL's view, a potentially very serious interference problem, and it is respectfully requested that the products referenced...be investigated and removed from the marketplace immediately and that the importers be subjected to normal sanctions," ARRL's letter said. Some of the transmitters operate on frequencies between 1,010 and 1,280 MHz. "These video transmitters are being marketed ostensibly as Amateur Radio equipment," the League said, "but of the listed frequencies on which the devices operate, only one, 1,280 MHz, would be within the Amateur Radio allocation at 1,240-1,300 MHz." Even then, ARRL said, operation there would conflict with a channel used for radio location.



ARRL said the use of 1,040 and 1,080 MHz, which would directly conflict with air traffic control transponder frequencies, represented the greatest threat to the safety of flight. The use of 1,010 MHz, employed for aeronautical guidance, could also be problematic.

ARRL cited the Lawmate transmitter and companion 6 W amplifier as examples of problematic devices being marketed in the US. Each costs less than \$100 via the Internet. The device carries no FCC identification number.

"[T]he target market for these devices is the drone hobbyist, not licensed radio amateurs. The device, due to the channel configuration, has no valid Amateur Radio application," ARRL told the FCC. "While these transmitters are marked as appropriate for amateur use, they cannot be used legally for Amateur Radio communications." In the hands of unlicensed individuals, the transmitters could also cause interference to Amateur Radio communication in the 1.2 GHz band, ARRL contended.

The League said it's obvious that the devices at issue lack proper FCC equipment authorization under FCC Part 15 rules, which require such low-power intentional radiators to be certified.



ARRL cited the Lawmate transmitter as an example of problematic devices.

"Of most concern is the capability of the devices to cripple the operation of the [air traffic control] secondary target/transponder systems," ARRL said. "These illegal transmitters represent a significant hazard to public safety in general and the safety of flight specifically."

The surge in sales of drones has been dramatic. The FAA has predicted that combined commercial and hobby sales will increase from 2.5 million in 2016 to 7 million by 2020.

In Exhibit A of the January 10 letter, "Illegal Drones Threaten Public Safety," the League noted that some of the drones and associated equipment it has come across "are blatantly illegal at multiple levels," with some drone TV transmitters described as "particularly alarming."

"Rated at six times over the legal power limit, *and on critical air navigation transponder frequencies*, these devices represent a real and dangerous threat to the safety of flight, especially when operated from a drone platform that can be hundreds of feet in the air," the exhibit narrative asserted.

FCC Dismisses Two Petitions from Radio Amateurs

The FCC has turned down two petitions filed in 2016, each seeking similar changes in the Part 97 Amateur Service rules. James Edwin Whedbee, N0ECN, of Gladstone, Missouri, had asked the Commission to amend the rules to reduce the number of Amateur Radio operator classes to Technician, General, and Amateur Extra by merging remaining Novice class licensees into the Technician class and all Advanced class licensees into the Amateur Extra class. In a somewhat related petition, Jeffrey H. Siegell, WB2YRL, of Burke, Virginia, had requested that the FCC grant Advanced class license holders Morse code operating privileges equivalent to those enjoyed by Amateur Extra class licensees.

"Thus, Mr. Siegell's proposed rule change is subsumed within the changes Mr. Whedbee requests, so our analysis is the same for both proposals," the FCC [said](#) in dismissing the two petitions on January 5.

The FCC streamlined the Amateur Radio licensing system into three classes -- Technician, General, and Amateur Extra -- in 1999. While it no longer issues new Novice or Advanced class licenses, existing licenses can be renewed, and Novice and Advanced licensees retained their operating privileges.

"The Commission concluded that the three-class structure would streamline the licensing process, while still providing an incentive for licensees to advance their communication and technical skills," the FCC recounted in its dismissal letter to Whedbee and Siegell. It specifically rejected suggestions that Novice and Advanced class licensees be automatically upgraded to a higher class, concluding that it would be inappropriate for these licensees to "receive additional privileges without passing the required examination elements." The FCC cited the same reason in 2005, when it denied requests to automatically upgrade Technician licensees to General class and Advanced licensees to Amateur Extra class, as part of a wide-ranging proceeding.

The FCC said the two petitions "do not demonstrate, or even suggest, that any relevant circumstances have changed that would merit reconsideration of those decisions



Radio Club of America Announces New "Wireless Women" Section on Website

In an effort to encourage more participation of women and girls in the wireless industry, the Radio Club of America ([RCA](#)) has created a new "Wireless Women" section on its website, designed to assist women considering careers in wireless and encouraging them to get involved in technology. Information includes resources such as "Notable Women in Wireless," "RCA's Vivian Carr Award," and "Professional Wireless Organizations for Women," as well as web resources for women and girls interested in wireless. There's also a list of universities that have an engineering focus and significant enrollment by women.

"RCA has a long history of recognizing the achievements of women in wireless," RCA President Tim Duffy, K3LR, said. "Three former RCA presidents are women, and we have many female officers, directors, and committee members. We created the Vivian Carr award in 2014 to recognize women who have contributed significantly to the wireless industry, and Director Carole Perry [WB2MGP] has led RCA's effort to educate youth about wireless for decades."

Duffy credited the efforts of several female RCA members, including Secretary Margaret Lyons P.E., Executive Committee member and Marketing & Development Committee Chair Elaine Walsh, former RCA president Mercy Contreras, and others, for assembling the information that might be useful to women and girls who are interested in wireless. "We welcome additional ideas or input from the wireless community to help this section of our website become more useful," Duffy said.



Winter Field Day is Just Ahead

Field Day is not just for summertime anymore. Winter Field Day, sponsored by the Winter Field Day Association ([WFDA](#)), will take place over the January 28-29 weekend, and it can be a terrific time to prep for ARRL Field Day in June. The annual event's stated purpose is to encourage emergency operating preparedness in the winter, but it's also an excuse to get out of the house and enjoy the great outdoors. According to the WFDA, getting ready for emergency communication in a winter environment is just as important as the preparations and practice that take place each June during ARRL Field Day, and -- let's face it -- it's not cold and snowy everywhere during the winter months. Your local climate could be quite the opposite.

"Don't let those winter doldrums keep you locked up in the house," the WFDA says. "Get out and play some radio!" The WFDA said it believes that maintaining operating skills should not be limited to fair-weather scenarios.

The event, which got its start in 2007, is not restricted to North America. All Amateur Radio operators around the world are invited to participate, and there are three entry categories -- indoor, outdoor, and home. The [rules](#) are similar to those for ARRL Field Day. Operation will take place on all HF bands except 12, 17, 30, and 60 meters, as well as on VHF, UHF, and satellite. The event runs 24 hours. US and Canadian stations exchange call sign, operating category, and ARRL or RAC section.



The WFDA encourages both group and solo operation, and if you're not up for an outdoor winter adventure involving Amateur Radio, you can operate from the comfort of your shack. As the WFDA says on its [Facebook page](#), "The object is winter fun!"

Local club news and events

WA1NPO Whitman

Winter fest 2017 Flea Market January 21 K of C hall Rt 18

License Class future plans:

January 2017: General class training, date/times running now contact Ross W1EKG

Spring 2017: Amateur Extra training, date/times tbd



W1BSA event April 22 2017 100-1500

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

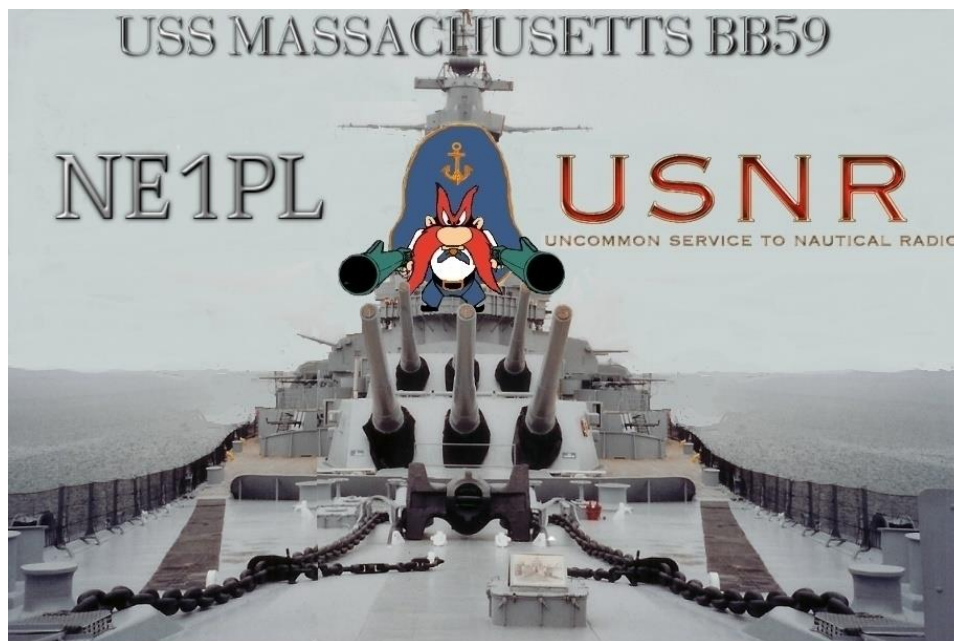


W1BSA QSL cards

NE1PL on the USS Massachusetts 2017

We are planning to be on the USS Massachusetts June 2-4 for Museum Ships On The Air anyone interested in coming out and operating please contact Rick KB1TEE. My email address is kb1tee@gmail.com we are looking for a lot of people not just radio operators. We need people to help log contacts speak to guests and for other duties.

Please check out the website www.ne1pl.org for updates on operations. Anyone wishing to come out and join us please come on down and have some fun, enjoy great views, amateur radio, and tour the ship for free.



NE1PL summer operations on the USS Massachusetts

We will be operating this summer on the ship again if you are interested please contact Rick KB1TEE



K1USN has a lot of Items for sale

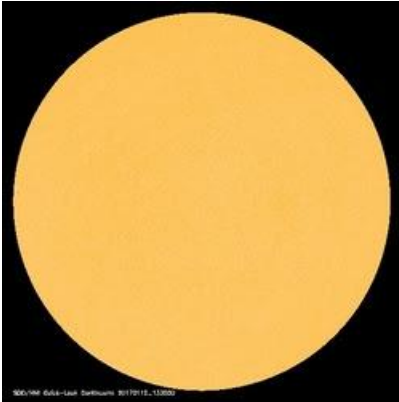
The K1USN club in Braintree has a lot of items for sale they are trying to purchase new equipment to operate. Contact Pi K1RV for details

New England Area Ham - Electronic Flea Market DATES 2016

21 Jan	Whitman MA	WARC	9AM@KoC	Rt18		Chris	781 523 5010	F+
4 Feb	Springfield VT	CVFMA	@VFW	@8 B/Free	\$5/T	Dave	K1ZS 603 446 7312	+
18 Feb	Marlboro MA	AARC	\$5@9@MidSchool	\$20/T		Tim	KA1OS 508 919 6136	F+
5 Mar	Nashua NH	NEARC	RadioXLVIII	antique	\$10@8@	Marriott	603 772 7516	F+
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	+
8 Ap	Hampton NH	PCARC	@Masonic	\$5@8	\$10/T@7	Mark	K1RX 603 775 0220	F+
8 Apr	LaSalle PQ	MARC	@RC Legion	\$5@9	\$10/T@8:15	Jim	VE2VE 514-990-1965	R+
16 Apr	Cambridge MA		Flea at	MIT		Mitch	617 253 3776	F+
			Third Sunday	April thru	October			
5-6 May	Deerfield NH	NEARFest	XXI	@FG		Mike	K1TWF 978 250 1235	W+
13 May	E Greenbush NY	EGARA	@FireCo			Tom	KC2FCP 518 272 1494	A+
21 May	Cambridge MA		Flea at	MIT		Mitch	617 253 3776	F+

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: No sunspots are currently visible, and none have been seen since January 3, when just one sunspot appeared. There were none on January 1-2. The [Daily Solar Data](#) from NOAA's Space Weather Prediction Center is full of zeroes.



Average daily solar flux this week was 72.5, down from 73.1 a week earlier. The average planetary A index rose 5 points to 14.3, while the average mid-latitude A index increased from 6.3 to 10.6.

Predicted solar flux is 74, 73, and 75 on January 12-14; 78 on January 15-19; 76 on January 20-25; 74 on January 26-28; 73 on January 29-February 1; 72 on February 2-7; 74 on February 8, and 76 on February 9-21.

The predicted planetary A index is 10 on January 12; 8 on January 13-14; 5, 8, and 16 on January 15-17; 12 on January 18-19; 18 on January 20; 20 on January 21-22; 10 on January 23; 5 on January 24-26; 12, 15, 7, 10, and 12 on January 27-31; 16, 18, 20, 16, 12, and 5 on February 1-6; 12, 15, 10, and 8 on February 7-10; 5 on February 11-12;

25, 20, 25, and 18 on February 13-16, and 20 on February 17-18.

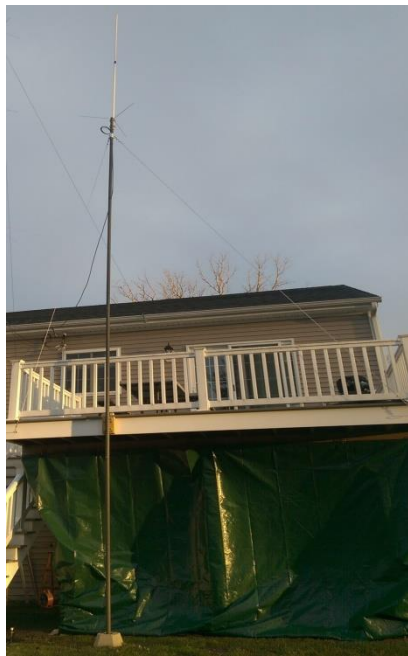
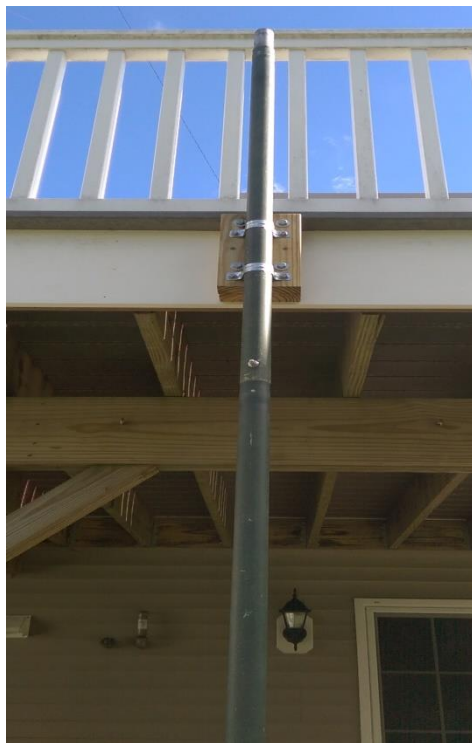
Sunspot numbers for January 5-11 were 0, 0, 0, 0, 0, 0, and 0, with a mean of 0. The 10.7-centimeter flux was 73.3, 72, 72, 71.5, 71.2, 72.7, and 74.5, with a mean of 72.5. The estimated planetary A indices were 18, 16, 20, 16, 12, 10, and 8, with a mean of 14.3. Estimated mid-latitude A indices were 15, 14, 14, 11, 8, 5, and 7, with a mean of 10.6.

N1EZH COMET-CX-333 ANTENNA PROJECT OCT TO NOV, 2016



The below are photos from My Comet CX-333 Antenna project from October to November 2016. The Comet CX-333 Antenna is a Triband Vertical Antenna about 10 feet in Length and covers the 2 Meter, 220 MHz, and 440 MHz bands. I mounted it on Aluminum Military mast sections about 27 feet in height along with the 9-10 foot height of the Antenna, and have used it on several of our nets on 2 Meters and have some great reports both on transmission and reception! In the photos are: Top Left: Part of my Military Mast Section in a Deck Post Cement Block with a 18" square Patio Block under it to keep the Mast from sinking into the dirt underneath. Top Center: Dirt and Grass put back in place over the patio block.

Top Right: I used a 2' x 6" Pressure Treated Wood block with 2 – 1-1/2" EMT Conduit Clamps for support about 9' up from the ground. Bottom Left: The Comet CX-333 Mounted at the top of the Mast along with a Penninger Radio MC-178 Mast Clamp I used for the Guy Wires for support at the top. Bottom Right: My Comet CX-333 Antenna up in place with the 2 Guy Wires for support.



Just Ahead in Radiosport

- January 14 -- Old New Year Contest (CW, phone)
- January 14-15 -- UBA PSK63 Prefix Contest
- January 14-15 -- [North American QSO Party \(CW\)](#)
- January 15 -- NRAU-Baltic Contests (SSB and CW)
- January 16 -- Run for the Bacon QRP Contest (CW)
- January 19 -- NAQCC CW Sprint

HAM RADIO LOCAL AREA NETS

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

- Sunday:** **WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0**
6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate
NE Cracker Barrel Net, **7:00 PM Daily** (Matt – W1AEM, NCO on Sun), 3.921.00 MHz LSB
Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB
Cape & Island Traffic Net, Every Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
- Monday:** Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
Falmouth ARA Net, 7:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5
Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
- Tuesday:** Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (**Except 3rd Tue!**)
Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0
220 MHz Day! Try to find a 220 Repeater near you and give a call out!
- Wednesday:** 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

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

Qsl via www.eqsl.cc

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

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

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

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

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

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

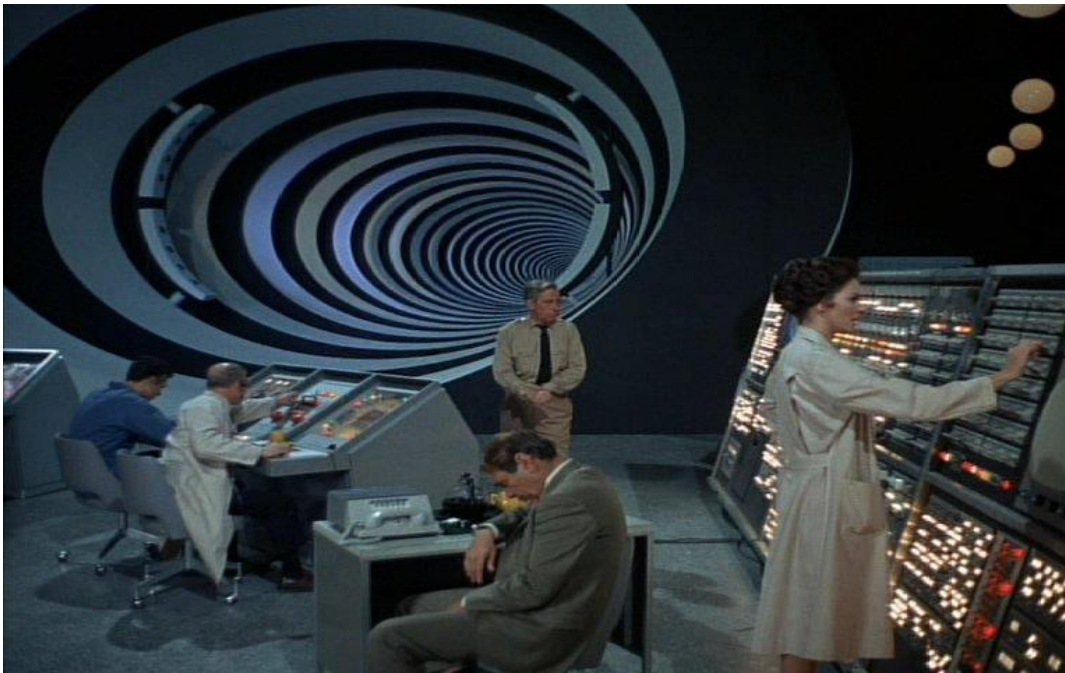
Editor Rick Emord KB1TEE





TV and Movie radio use

The Time Tunnel is a 1966–1967 U.S. color science fiction TV series, written around a theme of time travel adventure and starring James Darren and Robert Colbert. The show was inspired by the 1964 movie *The Time Travelers* (AIP/Dobill), and was creator-producer Irwin Allen's third science fiction television series, released by 20th Century Fox Television and broadcast on ABC. The show ran for one season of 30 episodes. A pilot for a new series was produced in 2002 but did not proceed to a series.



Project Tic-Toc is a top secret U.S. government effort to build an experimental time machine, known as "The Time Tunnel" due to its appearance as a cylindrical hallway. The base for Project Tic-Toc is a huge, hidden underground complex in Arizona, 800 floors deep and employing over 36,000 people. The directors of the project are Dr. Douglas Phillips (Robert Colbert), Dr. Anthony Newman (James Darren), and Lt. General Heywood Kirk (Whit Bissell). The specialists assisting them are Dr. Raymond Swain (John Zaremba), a foremost expert in electronics, and Dr. Ann MacGregor (Lee Meriwether), an electro-biologist supervising the unit that determines how much force and heat a time traveler is able to withstand. The series is set in 1968, two years into the future of the actual broadcast season, 1966-67.^[1]



Doctors Newman, McGregor, and Phillips, 1966.

Project Tic-Toc is in its tenth year when United States Senator Leroy Clark (Gary Merrill) comes to investigate in order to determine whether the project, which has cost 7.5 billion dollars (57 billion 2015 dollars), is worth continuing. Senator Clark feels the project is a waste of government funds. When speaking to Phillips, Kirk, and Newman in front of the Time Tunnel, he delivers an ultimatum: either they send someone into time and return him during the course of his visit or their funding will cease. Tony volunteers for this endeavor, but he is turned down by project director Doug Phillips. Defying this decision, Tony sends himself into time. Doug follows shortly after to rescue him, but they both continue to be lost in time. Senator Clark returns to Washington with the promise that funding will not be cut off to the project, leaving General Kirk in charge.



The stage is set for the progress of the series as Tony and Doug are now "switched" from one period in history to another, allowing episodes to be set in the past and future. Each episode (up to episode 24) begins with the following narration (voiced by Dick Tufeld):

Two American scientists are lost in the swirling maze of past and future ages, during the first experiments on America's greatest and most secret project, the Time Tunnel. Tony Newman and Doug Phillips now tumble helplessly toward a new fantastic adventure, somewhere along the infinite corridors of time.

Tony and Doug become participants of notable past events like the sinking of the *Titanic*, the attack on Pearl Harbor, the eruption of Krakatoa, Custer's Last Stand, and the Battle of the Alamo among others. General Kirk, Ray, and Ann in the control room are able to locate them in time and space, observe them, communicate with them through voice contact,

and send help. When the series was abruptly cancelled in the summer of 1967 by ABC, they had not filmed an episode in which Tony and Doug are safely returned to the Time Tunnel complex.



In the course of the series Doug, Tony, and the Time Tunnel personnel discover that events of the past can be altered to some extent by the intrusion of the time travelers, and in a few cases their historical research allows for it. Episode 26 ("Attack of the Barbarians") explores the scenario of one of the time travelers falling in love with someone from the past: Tony and the Princess Serit, daughter of Kublai Khan. Marco Polo tells Doug, "Can they not touch each other?" History itself hints at the possibility of Serit marrying Tony as Ann informs General Kirk. The historical information on Billy the Kid's victims alarms Ann, Ray, and the General as it records that he killed two strangers near Lincoln, New Mexico in April, 1881—just when Tony, Doug and Billy the Kid are brought together.