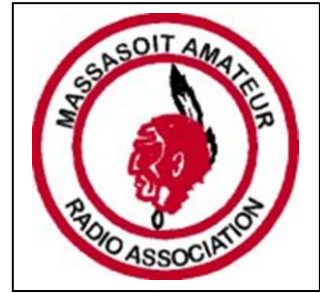




August, 2018
Volume 56 Issue 08

MARANews



Next meeting August 21, 2018 at 6:30pm at the Bridgewater Public Library

Our September meeting will be on the 21st 2018 6:30pm at the Bridgewater Public library

Presidents notes from KC1CFO Denise Sisson



Presidents notes from KC1CFO Denise Sisson

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 on which to spark interest of 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 and articles or photos you would like to see in our MARA newsletter, W1MV-MARA Website and Facebook page. Jeff N1ZZN has created a link to twitter to help get the work out even more!

Hoping everyone is enjoying their summer, the seasons seem to slip by so fast.

I would like to thank all those who were able to help with the triathlon on July 22.

Allen WA1BEE, Connie KA1YL, Rick KB1TEE, Rob N1RTS. I was happy to help with being the net control for this event.

There is progress on the antenna, Phil is working on getting it ordered, and a place to have it delivered, then the time will be set to have it installed.

We are still looking for new members and any ideas for speakers. If you have any suggestions please let us know.

Looking forward to seeing everyone on Tuesday, August 21, for our monthly meeting.

73 Denise KC1CFO

President-Massasoit Amateur Radio Association

SECRETARY NOTES - MARA MEETING 7/17/18 - ROBERT SISSON N1RTS

OPEN: President Denise KC1CFO opened the meeting at 6:30 pm 7/17/18.

ATTENDANCE: 8 members were present including 3 elected officers.

KC1CFO Denise Sisson (Pres)

KA1YL Connie Frauciosi

KC1JDL Phil McNamara

KB1TEE Richard Emord

N1XTB Phil McNamara (Treasurer)

N1RTS Robert Sisson (Sec)

NR1FD William Burke

N1IQI Loren Pimentel

MEETING MINUTES:

Motion to accept the June 2018 MARA Secretary's report as published in the June 2018 newsletter was made by Rick KB1TEE, with a second by Bill NR1FD motion passed by all attending members.

Club treasurer Phil N1XTB read the June 2018 treasurers report. Bill NR1FD made a motion to accept the report as read, with a second by Rick KB1TEE, motion passed by all attending members.

Phil mentioned that there would be a couple more training sessions with enenergy, as a way to make money for the treasury. They are planning on permanently closing the power plant in a couple years. Phil will let us know when the next session will be for those who would like to attend.

Phil N1XTB talked about the antenna, and that there is a local business owner that will take delivery of the antenna, he has a gated yard to keep it secured. Then a time would be set to bring it up to the top of the water tower and mount it in place.

CLOSE: A motion to adjourn the meeting was made by Rick KB1TEE with a second by Phillip- KC1JDL. Motion passed by attending club member, Denise KC1CFO closed the meeting at 7:15 pm 7/17/18

Hamvention Officials Say No New Building for 2019

Hamvention® and Greene County, Ohio, officials have been unable to reach agreement on erecting a new building that could accommodate Hamvention activities at the Greene County Fairgrounds and Expo Center in Xenia, Ohio.



The Greene County Fairgrounds and Expo Center in Xenia, Ohio, has been home to Hamvention since 2017.

[Greg Ordy, W8WWV, photo]

"Hamvention/Dayton Amateur Radio Association has spent many hours working with Greene County officials to reach an agreement on a long-term contract where both the Fairgrounds and Hamvention would feel comfortable erecting a new building," read an August 5 statement from Hamvention General Chairman Jack Gerbs, WB8SCT, and Assistant Chair Rick Allnutt, WS8G. "Unfortunately, we have currently been unable to successfully reach an agreement satisfactory to all parties." Gerbs was quick to reinforce that Hamvention continues to have an excellent relationship with the county and the Fair Board, but it does mean there will not be a new building in time for Hamvention 2019.

In January, Hamvention walked back an earlier announcement that a new building would be erected in time for the 2018 show. At the time, then-General Chair Ron Cramer, KD8ENJ, anticipated that construction would be completed this year in time for Hamvention 2019. Gerbs cited some significant upgrades accomplished in 2018, including improved tent shelters, permanent paths in the flea market area, and an additional forum room. "More improvements are planned for 2019," Gerbs and Allnut said. "We hope the Amateur Radio community will understand and continue to support the event as enthusiastically as in the past."

Amateur Radio Emergency Service Volunteers Assist in California Fire Response

Amateur Radio Emergency Service® (ARES®) volunteers pitched in to assist where needed to provide or support communication during the catastrophic fire in California. Volunteers from multiple ARRL Sections in the state stepped up to help. The fires have claimed several lives, destroyed more than 1,000 homes, and forced countless residents to evacuate, including radio amateurs. ARRL Sacramento Valley Section Emergency Coordinator (SEC) Greg Kruckewitt, KG6SJT, said that the last ARES volunteers deployed to support American Red Cross shelter stood down on August 7. Other shelter communicators deployed earlier remained on duty for 10 days. Initially, there were four shelters in Redding. On August 5, the Shasta-Tehama ARES team was able to take its communications trailer to Trinity County to support a shelter in Weaverville opened for Carr Fire evacuees, he said.



"This relieved the Sacramento County ARES volunteers who had been up there for several days," Kruckewitt said, adding that communications at the shelter were important, as power and cell phone coverage was often spotty, with power going off for hours at a time. [CalFire](#) reported on August 9 that the Carr Fire in Shasta and Trinity counties covered more than 176,000 acres and was 47% contained. Evacuations and road closures are in effect. At one point, more than a dozen ARES volunteers from Shasta, Sacramento, Butte, Placer, Trinity, and El Dorado counties were working at shelters opened in the wake of the Carr Fire.



Sacramento Valley ARES member Michael Joseph, KK6ZGB, at the Red Cross Gold County Region Disaster Operations Center.

Sacramento Valley ARES member Michael Joseph, KK6ZGB, served as the liaison at the Red Cross Gold County Region Disaster Operations Center (DOC) in Sacramento, Kruckewitt noted, adding that Joseph had been in the DOC since the fire started.

Kruckewitt said *Winlink* was the go-to mode, as fire has damaged several repeaters and no repeater path exists to the Gold County Region of the Red Cross in Sacramento.

"One difficulty we ran into this weekend was that the Red Cross needed [ARES Emergency Coordinator and SEC] contact information for various counties that also are experiencing fires and having to open shelters," he said. Completing that task involved lots of phone calls. "We encourage all ARES members to get to know their neighboring ARES groups and...check into their nets."

Joseph reported last weekend that the Mendocino Complex Fire was being closely monitored, although no additional requests for ARES assistance were being made. The Ranch Fire in the Mendocino Complex as of August 9 covered some 253,200 acres and was 46% contained. The Mendocino Complex Fire is being called the largest wildfire in California history, although the Carr Fire has been more devastating.

ARES teams in other California Sections remained on standby in case they were needed.

FCC Cites Baofeng Importer for Illegally Marketing Unauthorized RF Devices

The FCC has issued a *Citation and Order (Citation)* to Amcrest Industries, LLC (formerly Foscam Digital Technologies, LLC), an importer and marketer of popular and inexpensive Baofeng handheld transceivers, alleging that the company violated FCC rules and the Communications Act by illegally marketing unauthorized RF devices. The FCC asserts that Amcrest marketed Baofeng model UV-5R-series FM handheld radios capable of transmitting on "restricted frequencies." The Baofeng models UV-5R and UV-5R V2+ were granted an FCC equipment authorization in 2012 to operate under Part 90 Private Land Mobile Radio Service (Land Mobile) rules.

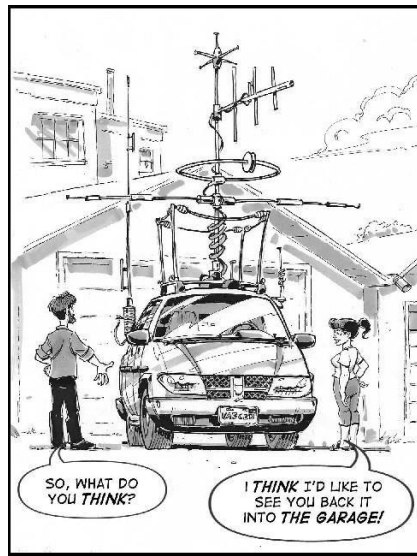


"Under § 2.803 of the Commission's rules, an entity may not market a device that is capable of operating outside the scope of its equipment authorization," the FCC *Citation* said. "RF devices that have been authorized under Part 90 rules, such as the model as issue, must operate within the technical parameters established in those rules." The FCC also maintained that the UV-5R 2+ is capable of operating at 1 W or 4 W, while the Part 90 Equipment Authorization limits the power output to 1.78 W.

Amcrest conceded that the units were capable of operating on restricted frequencies but told the FCC that, per discussions with the manufacturer, were "only capable of operating at 1 W, the FCC said. The company instructed the manufacturer to fix the problem and later confirmed with the manufacturer that all Amcrest inventory on order and in the future would operate only on 145 - 155 MHz and 400 - 520 MHz.

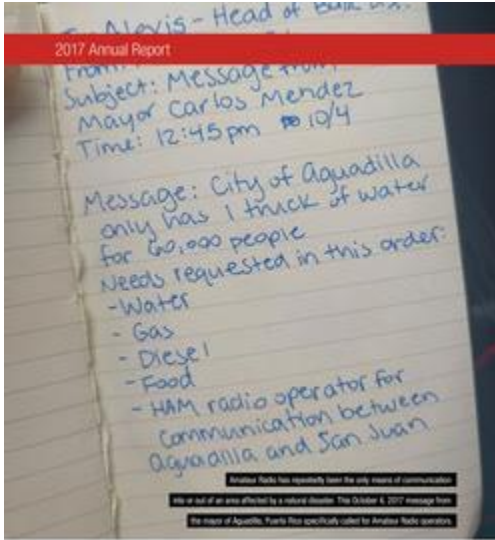
While the *Citation* does not mention Amateur Radio, the UV-5R series radios can be programmed in a channelized configuration to function on 2 meters and 70 centimeters. According to the *Citation*, Amcrest had added a warning in its user manuals and marketing and sales materials implying that the UV-5R V2+ could operate on unauthorized and restricted frequencies, including Part 87 Aviation Services frequencies, Part 80 Maritime Services frequencies, and frequencies reserved for federal government use.

Amcrest told the FCC that it had ceased marketing four models in the Baofeng UV-5R series "a few years ago," but it did not remove them from its website until last February. Numerous online retailers continue selling UV-5R series radios for less than \$25, with some ads indicating that these are "ham" equipment.



ARRL 2017 Annual Report Focuses on Hurricane Response

The [ARRL 2017 Annual Report](#), which highlights the organization's efforts and activities throughout 2017, is now available. Starting with the cover photo, Amateur Radio's response to the Atlantic hurricane season figures prominently in the report. Amateur Radio has repeatedly been the only means of communication into or out of an area affected by a natural disaster. Puerto Rico was especially hard hit by Hurricane Maria, and the cover depicts an October 4 message from Mayor Carlos Mendez of Aguadilla, Puerto Rico, calling for an Amateur Radio operator to support communication between his town and the capital city of San Juan.



In his message to ARRL members, President Rick Roderick, K5UR, suggested that a paradigm shift is under way within Amateur Radio.

"The wants and needs of the new-generation hams are very different from those of 'traditional' hams -- of which I consider myself one," Roderick wrote. "[W]e've got to embrace and meet the challenges of new technological developments and the operating trends of the next generation. It's a different landscape than when I started. ARRL is there to support and promote these new things as outlined in our mission statement -- to advance the art, science, and enjoyment of Amateur Radio -- and to fight for our spectrum allocations, but the organization does not 'own' Amateur Radio. That ownership rests with hams." Roderick said seeds for change planted in 2017 are starting to sprout, as ARRL also adapts to a changing Amateur Radio environment.

In his report, CEO Barry Shelley, N1VXY, looked back on what he called "a remarkable year" for ARRL -- one that first and foremost was defined by change.

"Much of the change could be considered internal to the organization, and not always visible," Shelley wrote. "But the changes that occurred helped create new ways to face and deal with some of the challenges presented throughout the year," adding that one of the biggest challenges ARRL faced in 2017 -- and one of the most public -- was the response to the devastating hurricanes in the Caribbean and southeastern part of the United States."

The Emergency Preparedness Department reported an upward trend in Amateur Radio Emergency Service® (ARES) activity. "An increase in reported activity was noted during the months of August through November, due to Amateur Radio response activity for hurricanes Harvey, Irma, and Maria; wildfires in the western US, and the total solar eclipse that occurred on August 21," the report recounted. The narrative tells how additional [Ham Aid](#) program equipment was on its way to Puerto Rico by September 9 in response to Hurricane Irma. After Hurricane Maria, more Ham Aid packages were dispatched to Puerto Rico with 22 Red Cross/ARRL volunteers.

International Lighthouse Lightship Weekend – ILLW

21st ANNUAL INTERNATIONAL LIGHTHOUSE / LIGHTSHIP WEEKEND

0001 UTC 18th AUGUST 2018 TO 2400 UTC 19th AUGUST 2018 (48 hours or part thereof).

This year's event is dedicated to the memory of our dear friend and Publicity Officer of 9 years, Jim Linton VK3PC, who passed away on 22nd February 2018.

Official List of Entrants - 2018 Total= 257



BOXBORO 2018 Amateur radio convention

September 7,8,and 9 in Boxborough, MA at the Regency hotel and conference center. Just off route 495 exit 28 address is 242 Adams place. Flea market is Saturday 9-5 and Sunday 9-1



Local Club Information

W1NAS South Weymouth

Saturday August 18, 2018 is the possible date.

The Former South Weymouth Naval Air Station Radio club will hopefully be operating for this event again the SNOW GOOSE. This is a tribute to the South Weymouth NAS airship that launched to meet the USS Nautilus. The nautilus was under the polar ice cap at Resolute Bay in the Arctic Circle as the Snow goose flew over.



W1NAS is the ARC of the Shea Naval Aviation Museum located in the old gymnasium building of the former NAS. Check us out at www.qrz.com/db/w1nas or at www.anapatriotsquadron.org. For more information contact Steve, W1OD, at w1od@arrrl.net.

WA1NPO Marshfield Fair

August 16–27 2018 from noon to 1630 and 1600-2030 the WA1NPO Whitman radio club will be at the Marshfield fair operating as. If you would like to assist them or want to know who's on the air look at their website www.wa1npo.org



WHITMAN AMATEUR RADIO CLUB

PO BOX 48, Whitman MA 02382

781-523-5010 WWW.WA1NPO.org

Email: WA1NPO@gmail.com

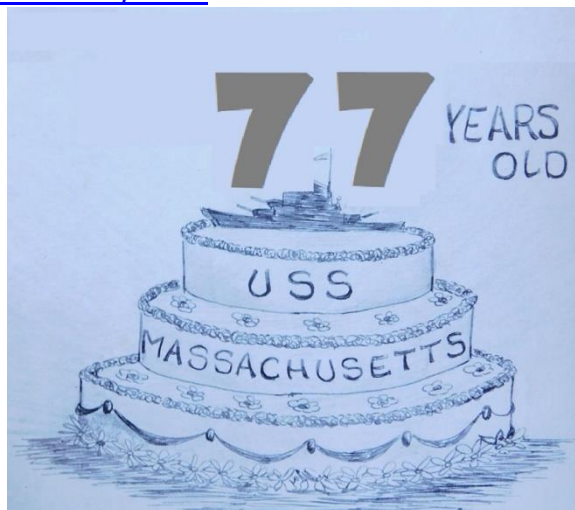
147.225 Mhz +PL67 IRLP node 8691 EchoLink WA1NPO-R



NE1PL on the USS Massachusetts

The USTNR radio club will be on the USS Massachusetts September 22, 2018 for operations this is in remembrance of the ships BIRTHDAY September 23, 1941. She will be 77 years young go to the video below if you wish to see her launched

<https://www.youtube.com/watch?v=rzxByieHztI>



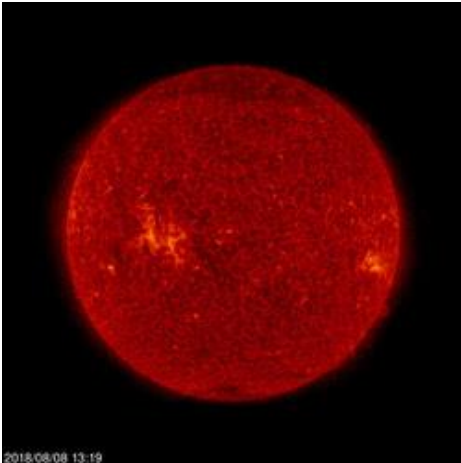
Skywarn net every Saturday night 2000 (8:00) on the 180

Please jump in and give your weather reports on the Skywarn net we meet at 8:00 on 147.180. If you want to be a Net controller contact Denise KC1CFO I am sure he would enjoy the help



The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: According to Spaceweather.com reported on August 8, "Solar minimum conditions are in effect. The sun has been without sunspots for 39 of the past 42 days." Spaceweather.com said a similar stretch of blank suns has not happened since 2009, "when the sun was experiencing the deepest solar minimum in a century."



For the third week in a row, we report an average daily sunspot number of 1.6, because in the three most-recent reporting periods, there was only 1 day with any sunspots, and each time that daily sunspot number was 11.

Average daily solar flux rose slightly from 68 to 69.7, while average daily planetary A index rose from 5 to 5.7, and average mid-latitude A index edged upward from 5.1 to 6.9. Six meters has experienced some excellent openings recently, with some operators taking advantage of FT8.

Sunspot numbers for August 2-8 were 11, 0, 0, 0, 0, 0, and 0, with a mean of 1.6. The 10.7-centimeter flux was 69.9, 70.2, 70.4, 69.2, 69.1, 69.5, and 69.6, with a mean of 69.7. Estimated planetary A indices were 6, 6, 5, 4, 4, 10, and 5, with a mean of 5.7. Estimated mid-latitude A indices were 6, 6, 8, 6, 5, 11, and 6, with a mean of 6.9. My Friday propagation bulletin will include additional details.

N4NMF AKA N1EZH Barry Kennedy USCG 228th Birthday event By: kb1tee Rick Emord

On Saturday August 4th Barry fired up his rig and worked as net control for the USCG 228th Birthday QSO event. I was able to contact Barry in the evening on 40 meters. He was on two different times one in the morning and again after the Saturday night MARA skywarn net. The event was a tribute to this gallant lifesaving organization and to RMCM George A. Manning – K1CG. Thank you Barry for your service to our country and to your continued support of the U S Coast Guard (Semper Paratus) Latin phrase meaning "ALWAYS READY"



MARCONI MARATIME CENTER



By: KB1TEE Rick

My recent trip to the Marconi Center things to see and do

Chatham Marconi Maritime Center Visitor Guide to Wireless History Gallery - 2018 BUILDING 1

1: Foyer: Check in at the Welcome Desk. See the museum shop and the introduction to the museum. 2. Theater: View: Chatham Radio/WCC: The Untold Story, narrated by Walter Cronkite Chatham Radio Goes to War, Chatham Navy Radio in WW II A. Guglielmo Marconi: Marconi, a pioneer in wireless communication, was an inventor and businessman. Discover Marconi's role in the development of wireless. B. Chatham Radio/WCC: Learn about the history of the station from 1914 to 1997. Visit the Chathamportreceiving station diorama and Kleinschmidt/Creed display. C. Wireless Operators Around the Clock: Listen to Chatham Radio WCC, the largest US coast station in themarine service. This exhibit shows how messages were sent by wireless from ships at sea to operators at the station and then by landline to telegraph offices around the country. D. World War II: Be amazed about the top secret role of the Chatham station during the Navy years: Battle of the Atlantic—breaking the code —U-boat threat —and who served here. E1. Enigma Artifact: Featuring an authentic working Enigma —genuine WWII Nazi encryption machine. E2. Enigma Simulators: Try creating and breaking secret codes as practiced in WW II with the Enigma machine. F. Amateur Association Radio Room: WCC commemorative amateur radio station WA1WCC. G. Morse Code Interactive: Practice Morse code at this interactive kiosk. H. Antenna Trail: Walk uphill behind the building to see the base of a 1914 Marconi 350-foot antenna mast. I: Featured Exhibit for 2018 — CHATHAM HEARD ROUND THE WORLD: 70th anniversary of the South Chatham Transmitting Station, CHATHAMRADIO/WCC, and its global coverage. OVER: Highlighted plan of South Chatham exhibit features.

WIRELESS TODAY GALLERY BUILDING 2

Summer 2018

A. "Hotel Nautilus" Historical Display: The WT Gallery building is called the Hotel Nautilus because during the summer of 1915 it was operated as a tourist hotel with that name. Pictures from the 1920s when RCA first operated the Chatham Wireless Station WCC demonstrate to visitors our efforts to rebuild as close to the original style as possible. We even have an original mission chair, possibly sat on by the very staff in the pictures to listen to a Victrola. Additional historic pictures from the Navy years are located by the front door.

B. What's in YOUR Smart Phone:

A smart phone with a network connection is an integration or collection of many devices rolled into one case, including a telephone, a camera, a flashlight, a calculator, a radio, TV, and more. How many can your kids recognize?

C. History of the Cell Phone and Network:

The ubiquitous mobile phone is part of a communication system that starts with a radio link between your phone and the nearest cell phone tower. Over the past 30 years, cell phones and their networks have evolved through four generations, from making phone calls to watching videos.

D. Tubes to Transistors to ICs

The key to many of the Wireless Today exhibits is the transition from the use of vacuum tubes to transistors in electronics. The last Century has seen the miniaturization all sorts of technologies and has ushered in the digital age. You can activate a demo to see how slow the response time of the vacuum tube compares to the solid state transistor. The first commercial product built with a transistor may have been a portable radio, but within a few years engineers were building many transistors together on an “integrated circuit.” We follow the progress over the years, to today when a single integrated circuit can have billions of transistors. This phenomenal accelerating technical progress is often referred to as Moore’s Law.

E. Simple home-built radios:

Over the century-long history of changes from the use of vacuum tubes to transistors and to ICs, hobbyists’ simple homemade radios often provided young people a fascinating introduction to electronics and STEM careers and lifelong enjoyable pastimes.

F. History of Drones Panel:

Drones may seem to be everywhere these days, but their history extends back more than 100 years. We have captured several fascinating episodes in their story from Tesla’s beginnings, through World Wars, with even the help of Hollywood.

G. Drones Today:

Our Phantom II Quadcopter is equipped with GPS, a wireless connection to a remote controller, sophisticated flight electronics and a high resolution video camera and video transmitter. See some striking drone videos of Chatham and seals and sharks, taken from the air. Then, try your hand at our drone simulator. See if you can take off from the runway, fly around the trees and land on a table at the airport.

H. Tracking Great White Sharks:

Explore how scientists track, capture, and attach electronics to great white sharks when they come to Chatham in the Summer. The exhibit’s videos describe the techniques and technology of the study in progress, gathering data about shark movements and habits over the course of years.

I. Automatic Identification System:

Wireless technology helps us identify and track the movement of ships at sea using the AIS system. The VHF radio signals from the ships and the thousands of volunteer receiving sites, together with the Internet provide a fascinating world-wide view in real time. Our local and wider area displays show the locations of ships, ferries, and larger private craft with AIS, following their movements.

J. Women Airforce Service Pilots (WASP):

Back for another season is our display of historical panels documenting the 1074 WASP female pilots of World War II. Long overlooked for their heroic contribution to the winning of the war, we follow their service from the 25,000 candidates, their training, their missions, the 60 million miles flown, to their final recognition after more than 60 years.

Just Ahead in Radiosport

- August 11-12 -- WAE DX Contest (CW)
- August 11-12 -- SKCC Weekend Sprintathon (CW)
- August 11-12 -- Maryland-DC QSO Party (CW, phone, digital)
- August 11-13 -- MMonVHF/DUBUS 144 MHz Meteorscatter Sprint (CW, phone, digital)
- August 13 -- 4 States QRP Group Second Sunday Sprint (CW, phone)
- August 15 -- NAQCC CW Sprint

New England Area Ham - Electronic Flea Market DATES 2018

19 August Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
19 Aug Adams MA NoBARC @FG B\$5@7 S\$10@6:30		Eric KA1SUN 413 743 9975 F
Aug 26 Newtown CT CARA @TownHall \$7@8 \$20/T		John W1JGM 203 417 0160 F+
8,10 Sept Boxboro MA FEMARA NE Conv		Mike K1TWF 978 250 1235 A
8 Sept Windsor CT VR+C Mus 115 Pierson LN @8AM Outside		John 860 673 0518 +
9 Sept Ballston Spa NY SCRACES @FG \$6@7		Jim KG2H 518 703-9558
15 Sept Alexander ME StCVARC @ElSch		Rodger W1LH 207 454 2174 A+
16 September Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
6 October Brookline NH NEARC antique		603 772 7516 +
7 October Queens NY HOSARC @HOS \$5@9 \$10/sp		Stephen WB2KDG 718 898 5599 A+
12-13 Oct Deerfield NH NEARfest XXIV @FG		Mike K1TWF 978 250 1235
21 October Cambridge MA	Flea at MIT	Mitch 617 253 3776 F
27 Oct Gales Ferry CT TCARC @FireCo auction		Tom WA2RYV 860 464 6555
28 Oct Hicksville NY LIMARC @LevitHall		Richard K2KNB 516 694 4937 A+
3 Nov Bourne MA FARA @UpperCC VoTech \$5@9 \$10/S@7		Ralph N1YHS 508 548 0422
1 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor		John 860 673 0518

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 John – N1UMJ at: N1UMJ@arrl.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

8:45 AM New England phone net, 3.945 +/- LSB

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, Mon. Tue. Thur. St. 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 131.8

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

New England DMR net, DMR-MARC repeaters talk group 3181 New England

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 131.8

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: Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (Except 1 st 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 131.8

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:

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@arrrl.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 Movies using radio communications



***Runaway* is a 1984 American science fiction action film written and directed by Michael Crichton, starring Tom Selleck, Gene Simmons, Cynthia Rhodes and Kirstie Alley. Selleck portrays a police officer assigned to track down dangerous robots, while Simmons is a scientist who hopes to profit from his malevolent manipulation of robots. The film was a box office disappointment and earned mixed to negative reviews.**



In the near future, robots are commonplace—a part of everyday life like any other electrical appliance—and are just as prone to malfunctions. When a robot malfunctions, it could pose a threat to people or property. Such robots are known as "runaways." Since they are more dangerous than the average machine, they are handled by a division of the police trained in robotics. The "runaway" squad, however, is treated as an easy and unexciting assignment and often ridiculed.



Notice the Bluetooth style headset this is 1984

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Camerman follows Tom into house



Sgt. Jack R. Ramsay (Selleck) is a veteran police officer who joined the runaway squad after discovering his previously unknown fear of heights, which resulted in a family's death at the hands of a man he let escape. After years on the job, Ramsay has found himself one of the division's few real experts. His new partner Karen Thompson (Rhodes) is enthusiastic about the job, but he assures her there is little excitement involved, saying that mostly it involves flipping a switch. This changes when they find themselves handling a new threat—the first robotic homicide. Investigating a household robot that murdered a family with a kitchen knife and handgun, Jack discovers strange integrated circuits, which not only override a robot's safety features but also direct it to attack humans. These circuits are not hacked chips, but created from a series of master templates, enabling them to be mass-produced.

Main cast

- Tom Selleck as Sgt. Jack R. Ramsay
- Cynthia Rhodes as Karen Thompson
- Gene Simmons as Dr. Charles Luther
- Kirstie Alley as Jackie Rogers
- Stan Shaw as Sgt. Marvin James
- G.W. Bailey as Chief of Police
- Joey Cramer as Bobby Ramsay
- Chris Mulkey as David Johnson
- Anne-Marie Martin as Hooker at Bar
- Michael Paul Chan as Vectrocon Security Guard
- Marilyn Schreffler as Voice of Lois



Robot spiders filled with acid / Robot bullet that tracks the person fired at