



October, 2016
Volume 55 Issue 11

MARA News



Next meeting November 15, 2016 at the Bridgewater Public Library

December no meeting Happy Holidays

January 17, 2017

Presidents notes from KC1CFO Denise Sisson



Presidents Monthly Message for November 2016 from Denise - KC1CFO

New and Additional Net Controls: We could use some more Net Control Operators to help us with our weekly MARA and South Shore SKYWARN Nets. Once we have some more, our plan is to come up with a rotation which we discussed and began to implement at our March Meeting and will continue this each month as others would like to try being a Net Control Operator. Anyone is welcome to join us for either our Weekly MARA Net (Tue – 8:00 PM) or South Shore SKYWARN Net (Sat 8:00 PM)! This is Your Club, so please consider participating as Net Control Operator for one of our Nets. I have a copy of our preamble for both Nets and will customize it with your Name & Call Sign information, then email it to you. We will be glad to answer any questions you may have!

MARA Facebook Page: Our Massasoit Amateur Radio Association Facebook Page with Club Events, Meeting photos, etc. is occasionally updated so that it can be another resource for us in which to spark interest in our club, Amateur Radio and keep members informed of what we are doing outside of our Club Meetings and in our Community. If you go to the “About” Tab on our page you can find our <http://www.w1mv.org/> Web page for our Present and Past Newsletters and other Club information. Please send Rick–KB1TEE@gmail.com and Denise-KC1CFO Denigs1@aol.com any articles or photos you would like to see in, or on our MARA Newsletter, W1MV – MARA Website and / or Facebook Page. Jeff – N1ZZN has created a link to Twitter to help get the word out even more!

Hi all, now that the elections are over we can get on to other things. Yeah! There are five Tuesdays this month so I will be leading the Net on the 29th. I look forward to the visit then.

There is no meeting in December being that it lands on the week of Christmas. So we will see you in the New Year.

May everyone have a blessed holiday.

73 Denise - KC1CFO

President - Massasoit Amateur Radio Association

SECRETARYS NOTES – MARA MEETING 09/20/16 – Larry Kenney, K1LJK

SECRETARYS NOTES – MARA MEETING 10/18/16 – Larry Kenney, K1LJK

OPEN: President **Denise Sisson** opened the meeting at 6:30 pm, 10/18/16.

ATTENDANCE: 10members and guests were present including 3 elected officers

KC1CFO Denise Sisson (Pres)

N1XTB Phil McNamara (Treas)

K1LJK Larry Kenney (Sec)

N1EZH Barry Kennedy

N1RTS Bob Sisson

AG1B Richard Metcalf

N1NVV Pete Curley

N1IQI Loren Pimentel

WA1BEE Allen Hiltz

KB1TEE Rick Emord

MEETING MINUTES :

Motion to accept the September 2016 MARA Secretary's report as published in the September 2016 newsletter made by **Barry N1EZH** with a second by **Pete N1NVV**. Motion passed vote by attending club members.

TREASURER'S REPORT:

Club Treasurer **Phil N1XTB** presented the September treasurers report. Motion to accept as read made by **Rick KB1TEE** with a second by **Barry N1EZH**. Motion passed vote by attending club members.

Old Business:

- **Phil N1XTB** provided a repeater update. The new 5.8 Ghz internet link from Phil's house to the repeater seems to be working well. Phil and **Jeff N1ZZN** are reconfiguring the Raspberry PI computer for proper IRLP/EchoLink operation w/the new link. Next will be to convert over to VoIP and eliminate the slow DSL service and POTS phone line. Also we need to see how the weather affects the 5.8Ghz link. Phil will monitor while testing for the next few months. Phil also notes the new link has significantly less latency (15msec vs. 80msec w/DSL). \$30 phone line cost per month will be saved if all goes well and the line can be cancelled. Phil also reports the odd noises (clicking) heard on the repeater being investigated by **Jeff N1ZZN** stopped when the previous 900Mhz link hardware was shutdown. If anyone hears these noises return, please let Phil or Jeff know.
- **Denise KC1CFO** commented on the recent Boxboro convention. **Barry N1EZH** commented he picked up a mast and new Tri-Band Comet CX-333 vertical antenna (144/220/440Mhz). **Larry K1LJK** commented he just purchased a TYT-9000 220Mhz radio at NEAR-Fest. Barry commented on the past attempt at a 220 Mhz repeater in the Taunton area. A short discussion took place on the recent NEAR-Fest event in NH. **Larry K1LJK** commented the weather was great this time. Also noted, MARA and Whitman club members **Jeff N1ZZN** and **Billy K1UFO** won the door prizes, the new Elecraft KX2 15watt QRP 10-80meter rig.

New Business:

- **Phil N1XTB** advised on upcoming EOC drills (Oct 19th and again in November) and indicated volunteers are needed to boost club attendance. The drills start about 8:15am-8:30am. **Rob Macedo, Pete N1NVV** and **Allen WA1BEE** will be attending.
- **Barry N1EZH** mentioned the upcoming FARA-Fest flea market on Saturday Nov 5th. Barry intends to have a table of items for sale there. General admission is \$5. The event starts at 9am.
- **Rick KB1TEE** commented we need new pictures for the club website. Anyone with new pictures, please send to **Pete N1NVV** at kilgobnet@gmail.com
- **Rick KB1TEE** informed everyone of the upcoming November 11th Veterans Day event at the **K1USN** Watson Library in Braintree (85 Quincy Ave). The club stations will be operating from 9am-4pm and operators are welcome. Rick recommends anyone wanting to see how pile-ups are handled and CW operations works should stop by. **Barry N1EZH** will add a note on the MARA facebook for this event also.
- **Rick KB1TEE** announced the 2017 **W1BSA** event on the USS Massachusetts will be April 22nd. The 21st will be antenna setup day. The Providence Journal has covered this in the past.
- **Rick KB1TEE** also commented, the USS Massachusetts folks would like Rick and team to operate from their ship in June for the Museum Ships On the Air Weekend! The date is TBD (usually early June). Rick needs many volunteers to make this happen (operating from Friday 8pm-Sunday mid-day). Rick would like to have the number of people, radios and antennas defined by January. Rick estimates 3 radios + a backup will be needed. They would also like some operators using the ships radios as well. Rick suggests searching for "Rob Flories" on YouTube for a good look at operating area #4 on the USS Massachusetts. Please let Rick know if you would like to operate there for this event.

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 7:28 pm 10/18/16.

ARRL News

Naval Academy Students Planning CubeSat with HF Uplink

Students at the US Naval Academy in Annapolis, Maryland, are planning an Amateur Radio CubeSat -- dubbed [*HFSAT*](#) -- that would carry an HF transponder as a primary payload as well as 2-meter APRS as a secondary mission when power is available. The 1.5 U CubeSat will have a linear uplink at 21.4 MHz and a downlink at 29.42 MHz.



"*HFSAT* is a small 1.5 U CubeSat that will demonstrate the viability of HF satellite communications as a back-up communication system using existing ubiquitous HF radios that are often a part of every amateur station," said USNA Instructor Bob Bruninga, WB4APR, who developed APRS. Bruninga said *HFSAT* would be similar to the 1990s-era RS-12/13 Russian Amateur Radio satellite.

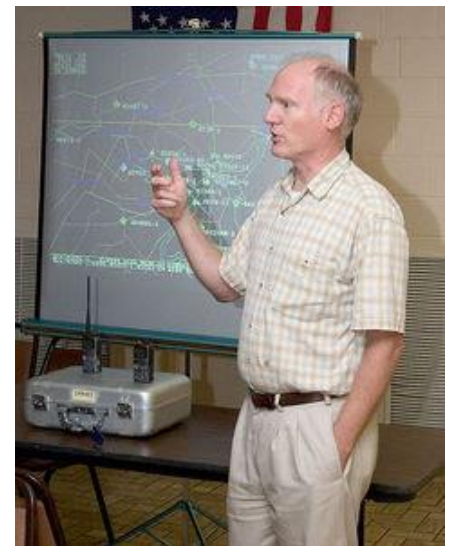
"*HFSAT* will continue the long tradition of small amateur satellites designed by students and hams at the US Naval Academy," Bruninga told ARRL. The uplink will be at 21.4 MHz and downlink at 29.42 MHz, similar to [earlier] Mode K HF satellites. No launch has yet been identified." Bruninga said *HFSAT* would be gravity gradient-stabilized by its full-sized, 10-meter, thin-wire, half-wave dipole.

Other unique features of *HFSAT* include its APRS telemetry command-and-control capability. "For VHF the students have modified a popular Byonics.com MTT4B all-in-one APRS Tiny-Track4 module for telemetry, command, and control to fit on a single 3.4-inch square card inside the CubeSat, that they will use for this and for future CubeSats," Bruninga said. The students are working with Bill Ress, N6GHZ, on the HF transponder card, which will provide a bandwidth of 30 kHz, employing an inverting transponder to minimize Doppler. Todd Bruner, WB1HAI, will be the *HFSAT* control operator.

Bruninga said the HF transponder is a follow-on from the USNA's existing *PSAT* 10-meter PSK31 transponder, still operational. *HFSAT*'s telemetry downlink will be captured via stations in the worldwide ground-station network. The packet link is a secondary mission compared to the HF transponder on this spacecraft.

Once *HFSAT* is in space, Bruninga recommended using a vertical HF antenna, because it would match well with the antenna patterns and geometry of Low Earth Orbit (LEO) satellites. "When low on the horizon, both the satellite and the user antennas are in their main lobes, providing maximum gain at the distant horizons," Bruninga said. "At the higher elevations, the satellite is 6 dB to 10 dB closer, significantly making up for the reduced antenna pattern geometry."

He said hams would be able to use "simple, manual" pass-prediction tools, much as they used the old Oscar Locator in the early years of Amateur Radio satellites.



Bob Bruninga, WB4APR.

Rule Making Petition to FCC Calls for Vanity Call Sign Rule Changes

The FCC is inviting comments on a *Petition for Rule Making* ([RM-1775](#)) from a Nevada radio amateur that seeks changes to the rules governing the Amateur Radio Vanity Call Sign Program. Christopher LaRue, W4ADL, of North Las Vegas, is proposing that any licensee obtaining a vanity call sign be required to keep it for the full license term. LaRue contends in his petition that excessive and frequent vanity call sign filings are hampering the ability of other qualified licensees to obtain vanity call signs in one of the more desirable 1 × 2 or 2 × 1 formats. LaRue said that since the FCC dropped the fee to file for a vanity call sign, some applicants are taking advantage by regularly obtaining new call signs, thereby keeping them out of circulation.

"Some are changing call signs almost monthly, just to keep the newer code-free Extra class operators from obtaining a shorter call sign," he said in his petition. "I even saw an older operator that said he does it all the time and has not even owned a radio in over 6 years. When I looked him up, he has had 16 different [call signs] in 18 months."

LaRue said his proposed minor rule change would require any licensee applying for and obtaining an Amateur Radio vanity call sign "be required to keep it for the duration of the license, which is currently 10 years."

He said this would "alleviate a lot of the stress on the ULS system and manpower requirements" at the FCC. "It will also keep inactive amateurs from changing call signs regularly, thereby tying up call signs for 2 years after dismissal of said call."

Interested parties may comment using the FCC Electronic Comment Filing System ([ECFS](#)). Comments are due within 30 days of the October 26 posting date.

National Parks on the Air Update

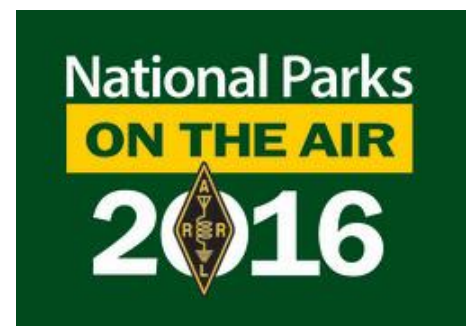
With just 2 months left in the ARRL National Parks on the Air ([NPOTA](#)) program, the push for 1 million contacts from eligible NPS units remains strong. November 1 saw the 800,000th contact uploaded to Logbook of the World, breaking 25,000 contacts for the second straight week.

ARRL Media and Public Relations Manager Sean Kutzko, KX9X, and QST Managing Editor Becky Schoenfeld, W1BXY, were interviewed by NPS Ranger Bill Urbin during their September NPOTA activation of Eleanor Roosevelt National Historic Site (NS14). [Video](#) of that interview is available on the ARRL Facebook page.

Thirty-two activations are on tap for November 3-9, including Big Bend National Park in Texas, and Everglades National Park in Florida.

[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).



Two Radio Amateurs among Three Returning ISS Crew Members

Three crew members on the International Space Station (ISS) -- two of them radio amateurs and [ARISS](#) contact participants -- said farewell to the orbital outpost on October 29. Expedition 49 Commander Anatoly Ivanishin and Flight Engineers Kate Rubins, KG5FYJ, and Takuya Onishi, KF5LKS, returned to Earth on October 30, landing safely in Kazakhstan, after wrapping up 115 days in space since their July launch.



Astronaut Kate Rubins, KG5FYJ, smiles upon her return to Earth after 115 days in space. [NASA video]

Together, the Expedition 49 crew members pursued hundreds of experiments in biology, biotechnology, physical science, and Earth science aboard the orbiting laboratory. Rubins became the first person to [sequence DNA in space](#), and she contributed to several new studies taking place aboard the ISS. The ability to sequence the DNA of living organisms in space could enable astronauts to diagnose an illness, or identify microbes growing in the space station and determine whether they represent a health threat, NASA said.

Expedition 50 Commander Shane Kimbrough, KE5HOD, and crewmates Sergey Ryzhikov and Andrey Borisenko will operate the station for 3 weeks until the arrival of Peggy Whitson, KC5ZTD; Thomas Pesquet, KG5FYG, and Oleg Novitsky. They are scheduled to launch on November 17 from Kazakhstan.



The American Legion Amateur Radio Club Sponsoring Veterans Day Special Event:

American Legion members will honor fellow veterans with a special event on Veterans Day, Friday, November 11. The American Legion Amateur Radio Club ([TALARC](#)) will sponsor the activity, which will begin on the HF bands at 1400 UTC and conclude at 2130 UTC, using the call sign K9TAL. Operators who contact the station are eligible to receive a full-color commemorative certificate by sending a 9×12 self-addressed, stamped envelope to The American Legion Amateur Radio Club, 700 N Pennsylvania St., Indianapolis, IN 46204. -- *Thanks to Ed Brown, AA3EB*

ARRL EASTERN MASSACHUSETTS SECTION

.Bo, WA1QYM, who has done an extraordinary job serving as our Affiliated Club Coordinator (ACC) has decided to step down after many years of service to our section. Bo assumed the job when Mike, W1MPN, was our Section Manager, continued under Phil, K9HI, and now with me. By any measure, serving three Section Managers indicates a real love of the job and the hobby. Bo tackled the job with extraordinary dedication and friendliness. Bo could always be counted on for an interesting club presentation too. ACC is a very big and extremely important position and Bo has done such a great job he will not be easily replaced. However, he and Andy, KB1OIQ have been working closely on club coordination for much of the past year. For the moment, Andy, KB1OIQ, Assistant Section Manager will become the point of contact with clubs. A big thank you from the section as Bo takes a well-earned break.'

The annual SKYWARN™ Recognition Day (SRD) will be held this year on Saturday, December 3, 2016. This is the day when Amateur Radio operators visit National Weather Service (NWS) offices and contact other operators around the world. The purpose of the event is to recognize the vital public service contributions that Amateur Radio operators make during National Weather Service severe weather warning operations. It also strengthens the bond between Amateur Radio operators and the local National Weather Service. The event is co-sponsored by ARRL and the National Weather Service. Full details are at <http://www.wrh.noaa.gov/mtr/hamradio/>.

Local club news and events

WA1NPO Whitman

Plimoth Plantation Special Event Fri-Sun November 25th, 26th, 27th.

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

License Class future plans:

January 2017: General class training, date/times tbd

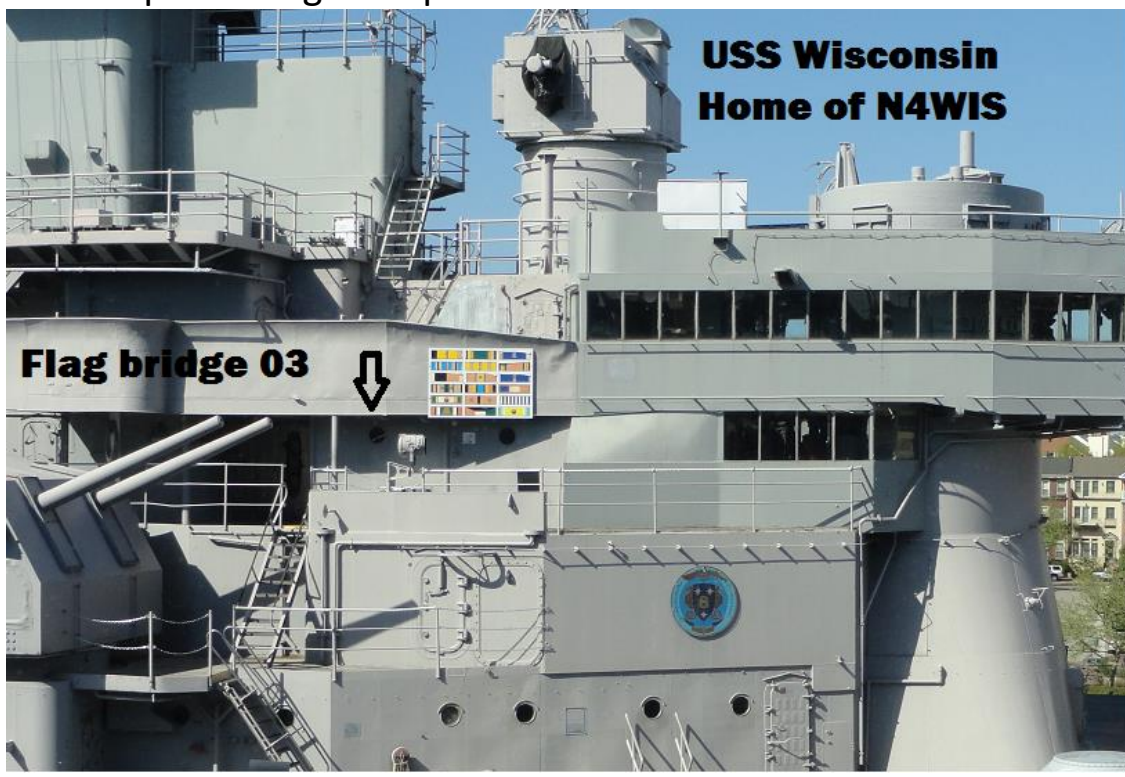
Spring 2017: Amateur Extra training, date/times tbd

K1USN Braintree Watson Museum

Veteran's day celebration on the air Nov 11 2016

N4WIS USS Wisconsin

The USS Wisconsin club will be on the air Dec 3 and 4 1000-1600 EST for remembrance of the attack on Pearl Harbor Look for KB1TEE on Saturday Dec 3 he will be on the ship assisting the operations



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 last years and hopefully we can have another great event.



NE1PL on the USS Massachusetts 2017

Our 2016 season was a tough one for contacts but I think we had a great time. There were lots of guests on the ship to speak to directions to be given and good conversations with our contacts. 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.



New England Area Ham - Electronic Flea Market DATES 2016

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

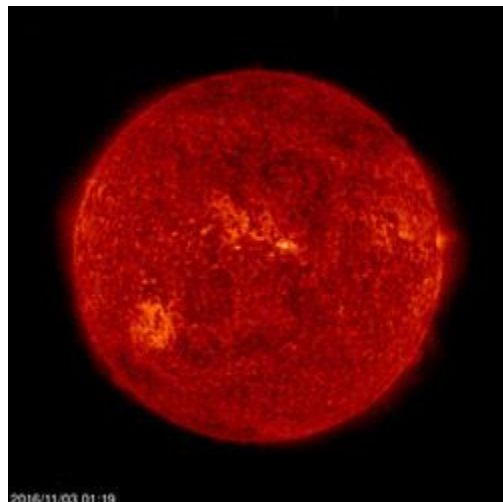
Tad Cook, K7RA, Seattle, reports: Over the October 27-November 2 reporting week, there were 2 days with no sunspots -- October 28 and November 2. The average daily sunspot number was 9.1, down from 18.7 from the previous 7 days. The average daily solar flux rose, but only slightly, from 76.9 to 77.5.

Geomagnetic indicators were slightly lower, with the average daily planetary A index declining from 20.3 to 18.1, and the mid-latitude A index from 16.7 to 13.4.

Predicted solar flux is 75, 74, and 72 on November 3-5; 70 on November 6-7; 75, 80, and 78 on November 8-10; 80 on November 11-12; 78 and 75 on November 13-14; 73 on November 15-16; 78 on November 17-18; 77 and 75 on November 19-20; 78 on November 21-22; 80 on November 23-25; 78 on November 26; 80 on November 27-29; 78 on November 30; 82 on December 1-3; 80 on December 4-5; 78 on December 6-7, and 80 on December 8-9.

Predicted planetary A index is 8, 10, 8, and 6 on November 3-6; 5 on November 7-10; 10, 15, 18, 10, and 8 on November 11-15; 5 on November 16-18; 8, 15, 54, 42, and 24 on November 19-23; 18, 22, 18, 15, and 12 on November 24-28; 8 on November 29-December 1; 5 and 8 on December 2-3, and 5 on December 4-7.

Sunspot numbers for October 27 through November 2 were 12, 0, 16, 12, 12, 12, and 0, with a mean of 9.1. The 10.7 centimeter flux was 78.9, 79.2, 79.1, 76.2, 76.7, 76.5, and 76, with a mean of 77.5. Estimated planetary A indices were 28, 17, 27, 18, 11, 11, and 15, with a mean of 18.1. Estimated mid-latitude A indices were 18, 16, 18, 13, 8, 9, and 12, with a mean of 13.4.



Just Ahead in Radiosport

Just Ahead in Radiosport

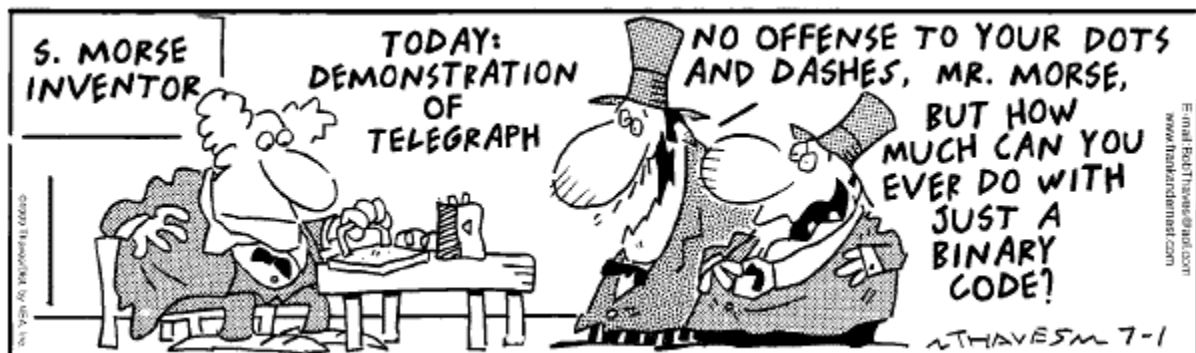
- November 12-13 -- WAE DX Contest (RTTY)
- November 12-13 -- 10-10 International Fall Contest (Digital)
- November 12-13 -- JIDX Phone Contest
- November 12-13 -- OK/OM DX Contest (CW)
- November 12-13 -- SKCC Weekend Sprintathon (CW)
- November 12-13 -- Kentucky QSO Party (CW, phone, digital)
- November 12-14 -- CQ-WE Contest (CW, phone, digital)
- November 17 -- NAQCC CW Sprint

FARAFest November 5, 2016



Barry N1EZH / John N1UMJ, Walt W1WCF / Joe KA1JBE, Jim N1JCW

Lots of south shore hams attended the FARAfest in Borne recently Barry had a table to sell some items. John and Walter helped me purchase a used HF radio Kenwood TS 430 S. Joe and Jim rode together and made my wife laugh as we talked in the parking lot.



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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

11 meter comedy Smokey and the Bandit



Smokey and the Bandit is a 1977 American action comedy film starring Burt Reynolds, Sally Field, Jackie Gleason, Jerry Reed, Pat McCormick, Paul Williams and Mike Henry. The film was the directorial debut of stuntman Hal Needham. It inspired several other trucking films, including two sequels, *Smokey and the Bandit II* and *Smokey and the Bandit Part 3*.



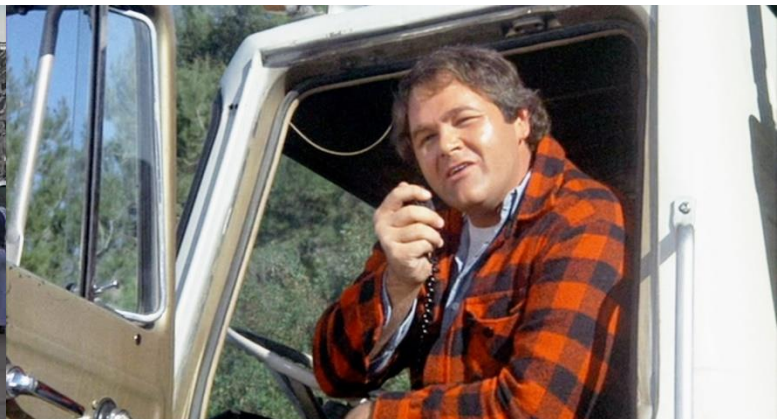
Wealthy Texan Big Enos Burdette (Pat McCormick) and his son Little Enos (Paul Williams) seek a truck driver willing to bootleg Coors beer to Georgia for their refreshment. At the time, Coors was regarded as one of the finest beers in the United States,^[3] but it could not be legally sold east of the Mississippi River. Truck drivers who had taken the bet previously had been caught and arrested by "Smokey" (CB slang for highway patrol officers, referring to the Smokey Bear-type hats worn in some states).



The Burdettes find legendary trucker Bo "Bandit" Darville (Burt Reynolds) competing in a truck rodeo at Lakewood Fairgrounds in Atlanta; they offer him \$80,000 to haul 400 cases of Coors beer from Texarkana, Texas back to Atlanta in 28 hours; Big Enos has sponsored a driver running in the Southern Classic stockcar race and wants to "celebrate in style when he wins." Bandit accepts the bet and recruits his best friend and partner Cledus "Snowman" Snow (Jerry Reed) to drive the truck, while Bandit drives the "blocker", a black Trans Am bought on an advance from the Burdettes, to divert attention away from the truck and its illegal cargo.



Big and Little Enos



Silver tongued devil



Hank Worden



Little Beaver



Hot Pants Hilliard



Foxy Lady

Many different citizen band radio operators assist in getting the Smokey bears off of Bo and Cledus. A convoy of truckers make a screen of trucks to hide the Trans Am from Smokey Bear. Then Hot Pants Hilliard gets her hot rodding buddies at the car hop (choke and punk) to go out and block the Smokey's and Foxy Lady lures the Smokey's in to her trailer.



Jerry Reed (Snowman) and Fred in the truck Jerry sang a lot of the songs in the movie

The trip to Texas is mostly uneventful except for at least one pursuing Smokey whom Bandit evades with ease. They reach Texarkana an hour ahead of schedule, load their truck with the beer and head back toward Atlanta. Immediately upon starting the second leg of the run, Bandit picks up runaway bride Carrie (Sally Field), whom he eventually nicknames "Frog" because she is "kinda cute like a frog" and "always hoppin' around". But in so doing, Bandit makes himself a target of Texas Sheriff Buford T. Justice (Jackie Gleason), a career lawman whose handsome but slow-witted son Junior (Mike Henry) was to have been Carrie's bridegroom. Ignoring his own jurisdiction, Sheriff Justice, with Junior in tow, chases Bandit all the way to Georgia, even as various mishaps cause his cruiser to disintegrate around them.



Sherriff Buford T. Justice (Smoky Bear) and his son Junior



Sherriff Justice and Bo (Bandit) Darville