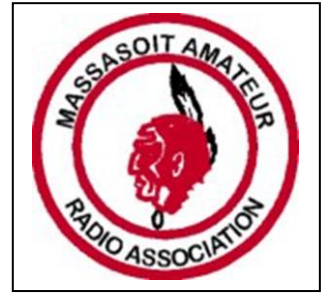




MARA News



December, 2017
Volume 56 Issue 12

Next meeting January 16, 2018 at the Bridgewater Public Library Bridgewater, MA

NO DECEMBER MEETING HAPPY HOLIDAYS!

Our next meeting is January 16, 2018 location Bridgewater Public Library

MAARA Secretary position is empty we need someone to step up and take the position this is our club please help out

MAARA Saturday night Skywarn net controllers needed

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 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 our MARA newsletter, W1MV –MARA Website and the facebook page. Jeff N1ZZN has created a link to twitter to help get the word out even more!

Hi All, I can't believe the Christmas season is almost over, hoping all of your plans for the season are getting done, Merry Christmas to all. We are still looking for suggestions for guest speakers, etc... So if you would like to let us know if you have any ideas please pass them along.

Our Roy Logan KB1CYV is retiring from his on air positions. We will miss him dearly. John Miller N1UMJ has picked up the second Tuesday net. We are in need of someone people to volunteer to run the Saturday night Skywarn nets

Looking forward to seeing everyone in the New Year!

73 Denise KC1CFO

President-Massasoit Amateur Radio Association

ARRL news

W1AW



W1AW to Start Scheduled Transmissions on 6 Meters Beginning on January 2

ARRL has announced that [W1AW](#) will start scheduled transmissions on 6 meters beginning on January 2. W1AW will add 6 meters -- specifically 50.350 MHz -- to its regular CW code practice, and CW, digital, and phone bulletin transmission schedule, starting with the 1400 UTC fast code practice on January 2.

Prior to late 1989, W1AW had a presence on 6 meters for all CW practice and routine bulletins, but it has been silent on 6 meters since then, with the exception of regular visitor operations and contests.

In addition to providing regularly scheduled transmissions on 6 meters, another goal of the W1AW transmission on the "magic band" is to act as a beacon on 6 meters, especially from the northeast US.

Signal reports will be welcome. A web page will allow listeners to submit signal reports. Listeners may also [e-mail](#) their reports to W1AW.

Countries Authorize New, Expanded Amateur Radio Allocations

Several countries around the globe have allowed access to new and expanded frequency allocations.

Croatian radio amateurs now have a secondary 60-meter allocation of 5351.5-5366.5 kHz, as agreed to at World Radiocommunication Conference 2015 (WRC 15), with a maximum 15 W EIRP. For the last several years, the Croatian Regulatory Authority for Network Industries (HAKOM) had issued 1-year licenses to operate on 60 meters. Hams in Croatia now also have access to more of 160 meters: 1810-1850 kHz with a maximum power of 1.5 kW PEP, and 1850-2000 kHz with a maximum power of 1 kW PEP. The changes became effective on December 2.

Earlier this fall, radio amateurs in Colombia gained new allocations at 60, 630, and 2200 meters, as a result of efforts by the Liga Colombiana de Radioaficionados ([LCRA](#)) -- with the support of its "strategic partner" Liga Radio Bogotá (LRB). Access to the new bands was to become effective when the Colombian Communications Ministry granted the privileges by administrative act. The new allocations are 135.7-137.8 kHz (2200 meters); 472-479 kHz (630 meters); and 5351.5-5366.5 kHz (60 meters).

In Germany, radio amateurs now have a 60-meter band plus an extended 6-meter band, the Deutscher Amateur Radio Club ([DARC](#)) reports. Amateur Radio has been allocated the band 5351.5-5366.5 kHz at a maximum power of 15 W EIRP on a secondary basis. This is in accordance with the allocation agreed upon at WRC 15.

In addition, 6 meters was expanded slightly. The band 50.08-51.0 MHz, previously allocated to Amateur Radio on a secondary basis, has been enlarged to 50.03-51.0 MHz at a maximum 25 W EIRP.

Spain has also adopted the global, secondary 60-meter Amateur Radio allocation of 5351.5-5366.5 kHz, per WRC 15. The Radio Club of Argentina has announced that Argentina will soon have privileges in the 630- and 60-meter bands, as well as extended allocations at 160, 80, and 30 meters. The new allocations are 472-479 kHz (630 meters) and 5351.5-5366.5 kHz (60 meters). Hams in Argentina will also be permitted to use 1800-2000 kHz (160 meters); 3500-4000 kHz (80/75 meters), and 10,100-10,150 kHz (30 meters) -- the same allocations available in the US. -- *Thanks to Zeljko Ulip, 9A2EY, via Paul Gaskell, G4MWO/The 5 MHz Newsletter, Southgate Amateur Radio News*



ISS HAMS



The International Space Station has two amateur radio stations—one Russian and one American; both are used for recreation and the astronauts schedule contacts with schools throughout the world to help kids get excited about STEM. On occasion, the amateur radio station has acted as a backup to the regular communications equipment. Obviously, many of the astronauts from all countries are licensed ham radio operators.

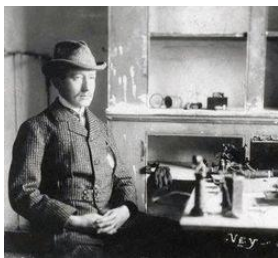


Upcoming ARRL Section, State, and Division Conventions

- January 6 -- [New York City-Long Island Section Convention](#), Brookville, New York
- January 13 -- [Georgia ARES Convention](#), Forsyth, Georgia
- January 19-20 -- [North Texas Section Convention](#), Forest Hill, Texas
- January 20 -- [GARS TECHFEST Convention](#), Lawrenceville, Georgia
- January 21-27 -- [Quartzfest Convention](#), Quartzsite, Arizona
- January 26-27 -- [Delta Division Convention](#), Jackson, Mississippi

Radio Anniversaries Abound in December

December is the month in which three notable events in radio history occurred -- the first radio transmission heard across the Atlantic Ocean in 1901, the first broadcast of the human voice and music in 1906, and the first successful transatlantic Amateur Radio HF transmissions in 1921.

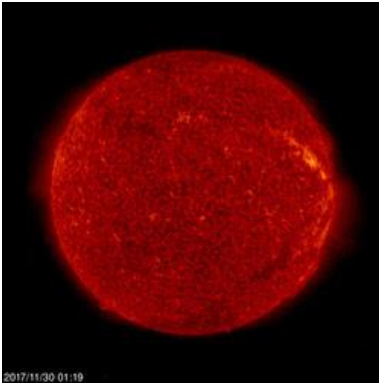


On December 12, 1901, Italian wireless pioneer Guglielmo Marconi succeeded in receiving the first transatlantic radio signal, transmitted from Poldhu, in Cornwall, England, to St. John's, Newfoundland, Canada. Marconi's team in Cornwall transmitted the letter "S" in Morse code, and this was heard by Marconi and his assistant George Kemp at a facility set up in Cabot Tower on Signal Hill in St. John's. On the Cornwall side, Marconi had erected a powerful spark-gap transmitter feeding a massive antenna. The receiving team used a kite antenna. The experiment proved that radio signals could be transmitted beyond the line of sight, opening the door to global wireless communication.

**Marconi at Signal Hill
in Newfoundland.**

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: Over the past 2 weeks, the average planetary A index increased from 6.7 to 11.6, while the average mid-latitude A index rose from 5 to 8.1.



Predicted solar flux is 68 on December 7-10; 70 on December 11-14; 75 on December 15-16; 74 on December 17; 73 on December 18-20; 74 on December 21-22; 76, 74, 72, 73, and 72 on December 23-27; 70 on December 28-January 8; 72 on January 9; 75 on January 10-12; 74 on January 13; 73 on January 14-16, and 74, 74, 76, and 74 on January 17-20.

Predicted planetary A index is 12 and 8 on December 7-8; 5 on December 9-10; 12 on December 11-12; 8 on December 13; 5 on December 14-16; 8, 25, and 10 on December 17-19; 8 on December 20-21; 5 on December 22-26; 10 and 8 on December 27-28; 5 on December 29-30; 32, 48, 18, 12, and 8 on December 31-January 4; 5 on January 5-6; 12, 15, 12, and 8 on January 7-10; 5 on January 11-12; 8, 25, and 10 on January 13-15; 8 on

January 16-17, and 5 on January 18-20.

A new sunspot group (AR2690) emerged on December 6, after a period of no sunspots, but Spaceweather.com reports that, early on December 7, it was already fading.

This weekend is the [ARRL 10-Meter Contest](#). There is a good chance for sporadic-E propagation.

Tamitha Skov released "[A Mini-Storm Launch & a Fast Wind Chaser](#): Solar Storm Forecast 11-29-2017" last week.

[Send](#) me your reports and observations.

NEW HF OPERATORS - THINGS TO DO

The [ARRL Rookie Roundup, CW](#) coming up on December 17 is an opportunity for newly licensed Amateurs, or any Amateur new to contesting to compete only against their peers. The objective of this event is to encourage those that are new to contesting to participate. Any Amateur can participate, but non-Rookies may only work Rookies, while Rookies may work anyone but only be scored against other rookies. There are single and multi-operator rookie categories, and single rookie operators can 'team up' ahead of time. As always, see the rules for more information.

There are a number of unconventional events to take part in over the next four weeks, such as the [Bruce Kelly 1929 QSO Party](#), where "whooping, chirping, buzzing, clicking, drifting, swishing, swaying, warbling" signals from vintage and period reproduction rigs return to the airwaves for two 24 hour intervals. For a 'conventional' contest, try the [RAC Winter Contest](#).

If digital is more your game there are at least eight RTTY events in the next four weeks including the [ARRL RTTY Roundup](#), and don't forget the [ARRL International Grid Chase](#) starting January 1.

REMINDER: WELCOMING THE NEW WMA SECTION MANAGER

A reminder that our neighboring Massachusetts section welcomes Ray Lajoie, KB1LRL as WMA Section Manager effective January 1, 2018. Ed, W1KT is stepping down after leading the section since 2006. All our best wishes to both Ray and Ed.

NEW LINUX SOFTWARE AVAILABLE FROM KB1OIQ

Andy's Ham Radio Linux, version 21, a remastered version of Ubuntu 16.04.3 LTS. This software collection consists of the Linux operating system and a wide selection of ham radio programs. 32-bit and 64-bit versions are available. The previous version was downloaded just over 12,000 times. More info here:

<<https://sourceforge.net/projects/kb1oiq-andysham/files/>>

EASTERN MASSACHUSETTS (EMA) SECTION NEWS

NTS service honor roll

Public Service Honor Roll (PSHR) Recognition for October 2017:

N1LAH, KC1CIC, KW1U, **N1IQI**, N1TF, N1SYC, W1RVY, NV1N, and N1LKJ.

Brass Pounder League (BPL) Recognition for October 2017:

KW1U and **N1IQI**.

See the monthly "Public Service" column in QST for more information about the BPL and PSHR recognitions.

WA1NPO Whitman Amateur Radio Club

- **WinterFest Flea Market is COMING SOON** : January 20th, 2018 ! Vendors: book your tables!
 - To book a table at the Winterfest Flea Market, email **Chris N1CFB** at Chris.Babbitt@gmail.com or call **781-523-5010**.
 - VE Testing also (walk-ins allowed) from 9am-10am.
 - Raffle prizes and Refreshments
 - See our Flyer for more details  [WinterFest 2018 flyer](#) .

Just Ahead in Radiosport

- December 15 -- Russian 160-Meter Contest (CW, phone)
- December 15 -- AGB-Party Contest (CW, phone, digital)
- December 16 -- Feld Hell Sprint
- December 16 -- OK DX RTTY Contest
- December 16 -- Padang DX Contest (Phone)
- December 16-17 -- Croatian CW Contest
- **December 17 -- ARRL Rookie Roundup (CW)**
- December 18 -- Run for the Bacon QRP Contest (CW)
- December 21 -- NAQCC CW Sprint

See the [ARRL Contest Calendar](#) for more information. For in-depth reporting on Amateur Radio contesting, subscribe to [The ARRL Contest Update](#) via your ARRL member profile e-mail preferences.

New England Area Ham - Electronic Flea Market

2 Dec Windsor CT VR+C Mus 115 Pierson LN @8AM Indoor John 860 673 0518
2018 Contact Source

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20 Jan Whitman MA WARC @KoC Rt18 \$5@9AM \$15/T Chris 781 523 5010 F+

3 Feb Springfield VT CVFMA @VFW @8 B/Free \$5/T@7 Dave K1ZS 603 446 7312

24 Feb S Burlington VT RAoNV @HI I89x14 \$9@8 \$15@6 Mitch W1SJ 802 879 6589 +

10 Mar Chicopee MA MtTomARA @Castle \$5@8:30 S@6:30 Brian KC1BDF 860 478 6790

18 Mar Southington CT SARA @HS \$5@8 \$20/T@6:15 John WA1JKR 860 621 8791 +

30,31 Mar Lewiston ME AARC ME Conv @Ramada @8 Ivan N1OXA 207 784 0350

7 Ap Hampton NH PCARC @Masonic \$5@8 \$10/T@7 Mark K1RX 603 231 8965

14 Ap Newton MA PHSNE Photographica Sat Only @AmLegion @9A John 781 592 2553

4-5 May Deerfield NH NEARfest XXIII @FG Mike K1TWF 978 250 1235 +

11 Aug St Albans VT STARC @VFW Arn N1ARN 802 309 0666 +

9 Sept Ballston Spa NY SCRACES @FG \$6@7 Jim KG2H 518 703-9558 +

## NE1PL 2018 schedule

The USNR club is looking for volunteers for the 2018 season

We will be on the USS Massachusetts April 28 0900-1600 as W1BSA our fourth year trying to educate the overnight youth (Mostly Scouts) into the world of amateur radio.

June 1-3 we will be on the USS Massachusetts as NE1PL operating for Museum Ships on the Air Weekend. We can sleep on the ship in Junior officers quarters anyone interested please contact Rick KB1TEE at [kb1tee@gmail.com](mailto:kb1tee@gmail.com)

September 22<sup>nd</sup> 0900-1500 operating for the Birthday of Big Mamie



## **KB1TEE trip to the USS Wisconsin**

Hi everyone I had a great trip to the USS Wisconsin again. The ship is in really good shape lots of volunteers working on her. The N4WIS radio club is doing a good job setting up an area that will be of the World War 2 configuration in the Radio room. The main deck starboard side you can enter the wardroom this is where officers would eat have meetings and be able to chat. Head aft from the wardroom down a passageway until you got to the second cross passageway. Enter the cross passage at the end you will be at the hatch to the radio central communications room. When you enter the room from the passageway you're in the 1980's era communications room. This area of the ship is marked **1-119-2-C** the first number is **1** the deck you are on, second number **119** this is the frame number from the front or bow, third number is **2** this is the second compartment outboard from the center line even numbers port side odd numbers starboard side, fourth is a letter **C** for manned communications or control compartment.



**1980's Message processing center**



**M40 teletype racks**



**Entrance hatch to the right**

Proceeding aft out of the main communications area you come into radio central's circuit room it contains multiple racks of radio gear. The main thing in this room is the Coke machine a communications device red in color for communicating with the President and other important people. On the desk in the main room and on the bridge and some other areas of the ship is the red phone. In the room with the Coke machine is multiple racks of radios.



**SA-2112(V)4/STQ Switching Matrix (Coke Machine)**



**TA-970/U Red Phone - for connection to SAS**



**FACCON R-1051/URR Receiver bank**

In the back corner of the room with the Coke machine is another room. This is being converted to the World War II radio collection area. There is a locked gate at the hatchway leading into the room. The radios on display are actually working restored units. N4WIS crew is working as much as possible but the City of Norfolk owns the ship and getting permission to do things is difficult. Also the EPA has not allowed certain areas of the ship to be entered do to hazardous air. The rooms have to be ventilated and test monitoring equipment set up it takes a long time to get the rooms opened cleaned and ready for visitors.



**Hatch Port side to World War II**



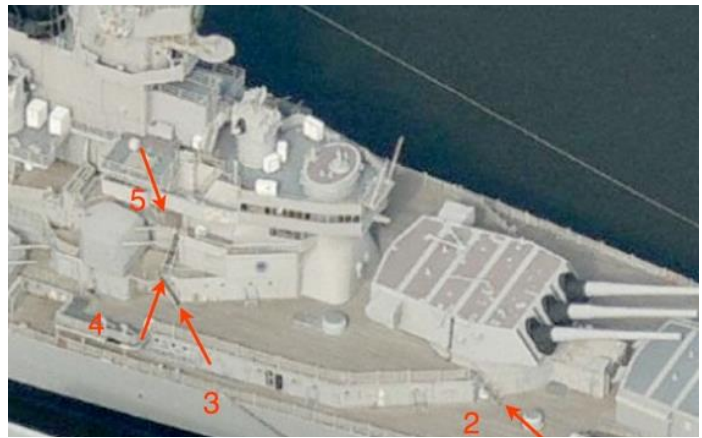
**World War II Radio room forward**



**World War II radio room port side**

**World War II room restoration by the members of the N4WIS radio club**

Home of the N4WIS operations the hatch is 8 inches thick heavy to move



**Hatch to enter the Admirals command area 03-91-0-C Arrows pointing to the entrance to the N4WIS operations room**



**The current operating positions of the N4WIS radio club this is on the 03 level the Admirals command area**



# **HAM RADIO LOCAL AREA NETS**

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

- Sunday:** **WA1NPO – WARPSN Net, 8:30 AM, Whitman ARC Rptr, 147.225 +, PL 67.0**  
6 Mtr AM Net, 5:00 PM, 50.400.0 AM, Scituate  
NE Cracker Barrel Net, **7:00 PM Daily** (Matt – W1AEM, NCO on Sun), 3.921.00 MHz LSB  
Pilgrim Amateur Wireless Assoc. 10 Meter Net, 7:00 PM, 28.375.0 USB  
Cape & Island Traffic Net, Every Night at 7:30 PM, Falmouth N1YHS Rptr, 147.375 + PL 110.9  
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5  
Eastern MA 2 Mtr Traffic Net, Every Night at 8:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5  
Norfolk County Radio Association Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0
- Monday:** Cape and Islands Weather Net, 6:00 AM, Mon – Sat, Dennis K1PBO Rptr, 146.955 – PL 88.5  
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Norfolk County Emergency Preparedness Net, 8:00 PM, Walpole Rptr, 146.895 – PL 123.0  
Falmouth ARA Net, 7:30 PM, Falmouth K1RK Rptr, 146.655 – PL 88.5  
Boston ARC Rag Chew Net, 9:00 PM, Boston W1BOS Rptr, 145.230 – PL 88.5
- Tuesday:** Massasoit ARA Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0 (**Except 3<sup>rd</sup> Tue!**)  
Genesis ARC 2 Mtr Rag-Chew Net, 7:30 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5  
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Norwood Amateur Radio Club Net, 8:00 PM, Norwood Rptr, 147.210 + PL 100.0  
**220 MHz Day! Try to find a 220 Repeater near you and give a call out!**
- Wednesday:**  
Whitman ARC 10 Meter Rag-Chew Net, 8:00 PM, 28.333.0 USB (**Except 1<sup>st</sup> Wed!**)  
Blackstone Valley ARC , 2 Mtr Simplex Net, 7:00 PM, 146.565  
Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Cape and Islands ARES Net, 8:00 PM, Dennis K1PBO Rptr, 146.955 – PL 88.5  
Waltham Wranglers Swap Net. 9:00 PM, Waltham W1MHL Rptr , 146.64 – PL 136.5
- Thursday:** Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0  
Genesis ARC CW Training Net, 7:00 PM, Plymouth N1ZIZ Rptr, 146.685 – PL 82.5  
10 Mtr General Class Rag-Chew Net, 8:00 PM, 29.470.0 FM  
Sturdy Mem. Hosp. ARC ARES Practice Net, 8:30 PM, K1SMH Rptr, 147.195 + PL 127.3  
**900 MHz Day! Try to find a 900 Repeater near you and give a call out!**
- Friday:** Fairhaven Weather Net, 8:00 PM, SEMARA Rptr, 147.000 + PL 67.0
- Saturday:** South Shore Skywarn Net, 8:00 PM, Bridgewater W1MV Rptr, 147.180 + PL 67.0  
\*VKEMCOMM\* Echolink Conference node: 270177/IRLP 9508 (due to \*WX-TALK\* Echolink conference node: 7203/IRLP 9219 outage) Refer to: <http://www.voipwx.net/>

## **Massasoit Amateur Radio Association Executive board**

President Denise Sisson KC1CFO  
Vice President Jeff Lehmann N1ZZN  
Treasurer: Phil McNamara N1XTB  
Secretary: Larry Kenney K1LJK  
Call sign Trustee: Phil McNamara N1XTB

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

**2M Repeater** 147.180+ (Tone 67.0)

**440 Repeater** 444.550+ (Tone 88.5)

**APRS Node** Node 144.39 W1MV-1

**Packet BBS** 145.09 N1XTB-4

**Packet Node Brockton** 145.09 W1JOE-7 (BROCK)

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

**Newsletter Editor** [kb1tee@gmail.com](mailto:kb1tee@gmail.com)

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

**Qsl via** [www.eqsl.cc](http://www.eqsl.cc)

**Skywarn** [www.powersrvcs.org/w1gmf/skywarn.htm](http://www.powersrvcs.org/w1gmf/skywarn.htm)

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

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

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

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

**VE Exams** are held the 2<sup>nd</sup> Saturday of every month, in Braintree contact Steve Cohen , W1OD via email [w1od@arrl.net](mailto: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 Celebrity amateur radio operators



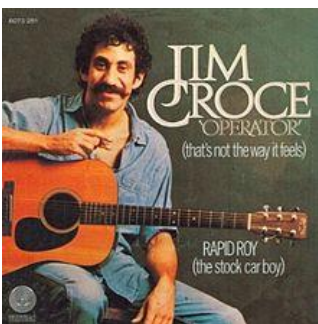
Celebrity hams



Anthony Wayne England W0ORE (born May 15, 1942), better known as Tony England, is an American, former NASA astronaut. Selected in 1967, England was among a group of astronauts who served as backups during the Apollo and Skylab programs. Like most others in his class, he flew during the Space Shuttle program, serving as a mission specialist on STS-51F in 1985. He has logged more than 3,000 hours of flying time and 188 hours in space.



Jean Parker Shepherd, Jr. K2ORS SK (July 26, 1921 – October 16, 1999) was an American storyteller, radio and TV personality, writer and actor. He was often referred to by the nickname Shep.<sup>[1]</sup> With a career that spanned decades, Shepherd is known to modern audiences for the film *A Christmas Story* (1983), which he narrated and co-scripted, based on his own semi-autobiographical stories.



James Joseph Croce WN3OQW SK January 10, 1943 – September 20, 1973) was an American folk and rock singer-songwriter. Between 1966 and 1973, Croce released five studio albums and singles. His songs "Bad, Bad Leroy Brown" and "Time in a Bottle" reached No. 1 on the U.S. *Billboard* Hot 100 chart.



Joseph Fidler Walsh WB6ACU (born November 20, 1947)<sup>[1]</sup> is an American singer, guitarist, and songwriter. In a career spanning more than forty years, he has been a member of five successful rock bands: James Gang, Barnstorm, Eagles, the Party Boys, and Ringo Starr & His All-Starr Band. In the 1990s, he was also a member of the short-lived supergroup the Best.



Curtis Emerson LeMay W6EZV SK (November 15, 1906 – October 1, 1990) was a general in the United States Air Force and the vice presidential running mate of American Independent Party candidate George Wallace in the 1968 presidential election. LeMay is credited with designing and implementing an effective, but also controversial, systematic strategic bombing campaign in the Pacific theater of World War II. He served as Chief of Staff of the United States Air Force from 1961 to 1965.



Joseph Hooton Taylor Jr. K1JT (born March 29, 1941) is an American astrophysicist and Nobel Prize in Physics laureate for his discovery with Russell Alan Hulse of a "new type of pulsar, a discovery that has opened up new possibilities for the study of gravitation."