

**Mission Statement:**

To stimulate an interest in all things Amateur Radio, HF, VHF and UHF, covering all modes, for Hams-to-be as well as new and old Hams alike, to explore.

Email your questions, answers, ideas and comments to the editor: Dick Pongratz, K5SHT. Email me at: K5SHT@ARRL.NET

Repeater Frequency: 442.900



**Monthly Events**

- Club Meeting on the Air, Every Tuesday, 8:00 pm on 442.900, P1 110.9+. Archie Blanchard, K5ABZ, is usually Net Control, with occasional volunteers to fill in from time to time.
- Club Social Dinner is on the second Monday of each month in Eules 6:00 pm.
- Main Club meeting is on the second Wednesday at 7:00 pm, location is: Eules EOC



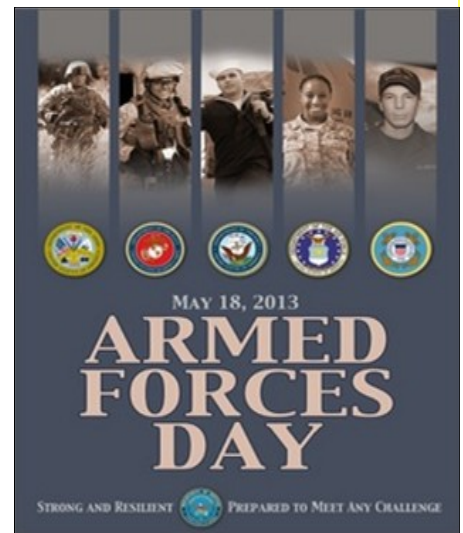
## The Annual **Armed Forces Day Crossband Test** Scheduled for May 11, 2013

In celebration of the 63rd anniversary of Armed Forces Day (AFD), the Army, Air Force, Navy, Marine Corps and Coast Guard are co-sponsoring the annual Military/Amateur Radio Crossband Communications Test.

Although Armed Forces Day is traditionally celebrated on the third Saturday in May -- May 18 in 2013 -- the AFD Military/Amateur Crossband Communications Test will be conducted on **Saturday, May 11** to prevent conflict with the Dayton Hamvention<sup>®</sup>, scheduled for May 17-19. The annual celebration features traditional military-to-amateur crossband communications SSB voice and Morse code tests.

These tests give Amateur Radio operators and short wave listeners an opportunity to demonstrate their individual technical skills and to receive recognition from the appropriate military radio station for their proven expertise. QSL cards will be provided to stations making contact with the military stations.

Like Field Day, this is a test. But unlike Field Day, it is not of your ability to set up your station and make contacts while operating in the field, but of your ability to make contact with Pentagon and other military stations, using various modes, and to accurately receive their message transmissions. For more information, see QST Magazine and the MARS web site.



For frequency details, go to: <http://www.usarmymars.org/home/announcements>

## How to operate “Split” during the Crossband Test

Split frequency operation allows you to transmit and receive in the same mode on two different frequencies. Those who operate DX a lot do this by habit. The split frequency operation is basically performed using two VFO frequencies from VFO A and VFO B, which means your rig must have two VFO's (which most recent ones do.) VFO A and VFO B will be on the **main** and **sub** readouts.

The following is an example of setting up **21.290 MHz** for receiving and **21.310 MHz** for transmitting. (The instructions in your manual will be something like this)

1. In general you will select **VFO A** as the receiving frequency, setting it to **21.290 MHz (USB)**.
2. Push the **SPL** button (the split button) momentarily to turn the split function on. (The split function may be in a menu, on a button or function /button, but it is there. Consult your manual for details regarding your transceiver.)
3. Push and hold the **A/B button** for 1 second. This exchanges **VFO A** and **VFO B**.
4. Rotate the dial while pushing and holding the **XFC button** to set the transmit frequency to 21.310 MHz. (the transmit frequency can be monitored while pushing and holding the **XFC** button)
5. Now you can receive on 21.290 MHz and transmit on 21.310 MHz.
6. To swap the transmit and receive frequencies, push the **A/B button** to exchange the **VFO A** and **VFO B**.

All transceivers are slightly different, so read your manual under split functions for details. Remember, part of your Crossband Test is figuring out how to do this, because the military stations do not transmit on Amateur frequencies, and Amateurs do not transmit on the military frequencies.

Hate digging through manuals to find what you want?

Solution: Don't !

Instead, download your manual from the manufacturer's web site as a PDF file. Click on "find" at the top of the screen, type in the word you are looking for (like "split operation" or just "split") and the program that reads the PDF file will find all occurrences of that word in the manual. Look in the index first and "split" will be highlighted. Click on it, and you are there.



## About MARS and the Crossband Test

MARS stands for Military Auxiliary Radio System. It is headquartered at Fort Huachuca, Arizona, and assigned to the Headquarters, United States Army Network Enterprise Technology Command (NETCOM).

MARS is a Department of Defense sponsored program, established as a separately managed and operated program by the Army, Navy, and Air Force. The program consists of licensed amateur radio operators who are interested in military communications on a local, national, and international basis as an adjunct to normal communications.

MARS has a long and proud history of providing world-wide auxiliary emergency communications during times of need. The combined three service MARS programs (Army, Air Force, and Navy-Marine Corps) volunteer force of over 5,000 dedicated and skilled amateur radio operators is the backbone of the MARS program. The benefit of MARS membership is enjoying an amateur radio hobby through the ever-expanding horizon of MARS. Affiliate members' continued unselfish support of our mission keeps Army MARS Proud, Professional, and Ready.

### About the Crossband Test (What to expect)

The Crossband test is in two parts: Part I, the communications, and Part II, the message intercept. Part I has assigned communication frequencies, and Part II has assigned broadcast frequencies. See the web site for details. <http://www.usarmymars.org/home/announcements>

#### **PART I. MILITARY-TO-AMATEUR CROSS BAND SSB & CW TEST CONTACTS.**

Military-to-Amateur cross band operations will take place on the dates/times in ZULU (UTC), and frequencies listed below for each station. Voice contacts will include operations in single sideband voice (SSB). Some stations may not operate the entire period, depending on propagation and manning. Participating military stations will transmit on selected Military MARS frequencies and listen for amateur radio stations in the Amateur bands indicated below. The military station operator will announce the specific amateur band frequency being monitored. Duration of each voice contact should be limited to 1-2 minutes. The following stations will be transmitting on MARS frequencies listed below which are provided as "Window/Dial Frequency" in kHz. Some stations will use CW to provide the opportunity to check in by Morse Code.

#### **PART II. SECRETARY OF DEFENSE MESSAGE TEST VIA DIGITAL MODES.**

The secretary of defense message will be transmitted via digital modes including RTTY, PACTOR, AMTOR, PSK-31, MFSK and MT63 from the stations listed below, including frequencies, mode, and date/time in zulu (utc). All frequencies are listed as "window/dial frequency". Sound card modes will use standard factory settings (NOTE: not all stations may necessarily operate on all the frequencies listed, depending on propagation and available equipment.)

***“The reports of my death are greatly exaggerated.”***

*(Mark Twain)*

Since “The Death of Morse Code” in 1999 ...

The Federal Aviation Administration, along with the International Civil Aviation Organization, continues to use Morse to identify navigation aids and instrument landing systems with 3 or 4 letter Morse identifiers.

Scouting still recognizes Morse with a badge.

In a widely publicized segment shown on *The Tonight Show* with Jay Leno, two amateur radio operators using Morse code beat the pants off a couple of youngsters using "texting" in a speed and accuracy contest.

Military pilots, SEALs, and other “special ops” personnel are still required to learn Morse.

Its use continues on the high seas by many less affluent nations.

Coastal {heritage} station KSM is still on the air in Point Reyes Station, CA.

The popularity of Morse within the amateur radio community continues to increase in spite of the elimination of the Morse code requirement to earn a license.

Public television uses modulated Morse for station identification.

FCC commercial Radiotelegraph Certificates continue to be granted and are required for licensure as a Radio Officer on a merchant vessel.

The Mars Rover “Curiosity” has a tire tread design that spells out “JPL” (Jet Propulsion Laboratory”) in Morse code as it rambles across the Martian surface.

The field of assistive technology within the medical community employs various devices that allow the disabled to communicate. These include “sip and puff”, “skin buzzers”, and even eye blinking. As a “tip of the hat” to the value of Morse code in medicine, complex medical devices frequently signal their ‘ready’ status to the operator by sounding out “OK” in Morse code ( \_ \_ \_ \_ . \_ )

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These are some interesting facts. However, there can be no reason in the world that would convince someone to learn and use the code other than that it is a fun and interesting digital mode to use. We rebel doing something that is a challenge, when we don’t have to do it. Many are not explorers, nor are they fascinated with the tools of exploration or the joys of testing their survival capabilities.

SOTA (Summits On The Air) is almost exclusively a CW operation, even though SSB and PSK-31 are also used a lot. Getting caught up in the adventure all starts with wondering how one could communicate with your friends and the world, once one takes their rig out of the house and away from that AC plug-in. Try doing it some day. Pick a friendly park, or just your back yard, and see if YOU can make that happen.

## PART I. MILITARY-TO-AMATEUR CROSS BAND SSB& CW TEST CONTACTS.

Military-to-Amateur cross band operations will take place on the dates/times in ZULU (UTC), and frequencies listed below for each station. Voice contacts will include operations in single sideband voice (SSB). Some stations may not operate the entire period, depending on propagation and manning. Participating military stations will transmit on selected Military MARS frequencies and listen for amateur radio stations in the Amateur bands indicated below. **The military station operator will announce the specific amateur band frequency being monitored.** Duration of each voice contact should be limited to 1-2 minutes. The following stations will be transmitting on MARS frequencies listed below which are provided as "Window/Dial Frequency" in kHz. **Some stations will use CW to provide the opportunity to check in by Morse Code.**

### ARMY STATIONS:

**STATION: AAZ** (11 MAY 1400Z - 12 MAY 0300Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 4036.0 KHZ USB 80M  
 6910.0 KHZ USB 40M  
 14.402.0 KHZ USB 20M  
 18.211.0 KHZ USB 17M  
 13.507.0 KHZ CW 20M  
 LOCATION: FORT HUACHUCA, AZ

**STATION: AAC** (11 MAY 1300Z - 12 MAY 0100Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 4012.0 KHZ USB 80M  
 7360.0 KHZ USB 40M  
 13.963.5 KHZ USB 20M  
 27.778.5 KHZ USB 10M  
 LOCATION: LEXINGTON, KY

**STATION: ABH** (11 MAY 1600Z - 12 MAY 2300Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 3347.0 KHZ USB 80M  
 4438.5 KHZ USB 80M  
 4789.5 KHZ USB 80M  
 7357.0 KHZ USB 40M  
 7718.5 KHZ USB 40M  
 14438.5 KHZ USB 20M  
 14487.0 KHZ USB 20M  
 17592.5 KHZ USB 17M  
 20976.0 KHZ USB 15M  
 LOCATION: SCHOFIELD BARRACKS, HI

**STATION: ADB** (11 MAY 2200Z - 0100Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 14487.0 KHZ USB 20M  
 20994.0 KHZ USB 15M  
 LOCATION: CAMP FOSTER, OKINAWA (BLDG 462)

**STATION: WAR** (11 MAY 1200Z - 2400Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 4018.0 KHZ USB/CW 80M  
 7311.0 KHZ USB/CW 40M  
 14438.5 KHZ USB/CW 20M  
 27991.0 KHZ USB/CW 10M  
 LOCATION: PENTAGON, WASHINGTON, DC

**STATION: WUG-2B** (11 MAY 1300Z - 12 MAY 0200Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 4030.0 KHZ USB 80M  
 7.421.0 KHZ USB 40M  
 6.823.0 KHZ USB/CW 40M  
 14.486.0 KHZ USB 20M  
 14.663.5 KHZ USB/CW 20M  
 20.973.5 KHZ USB/CW 15M  
 LOCATION: MEMPHIS, TN

### AIR FORCE STATIONS:

**STATION: AIR** (12 MAY 1200Z - 2400Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 4517.1 KHZ USB 80M  
 6996.1 KHZ USB 40M  
 13985.1 KHZ USB 20M  
 20737.6 KHZ USB 15M  
 LOCATION: JOINT BASE ANDREWS NAVAL AIR FACILITY WASHINGTON

# May 2013

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6	7Net	8Meeting	9	10	11Crossband
12	13 Social	14	15	16	17	18
18	20	21Net	22	23	24	25
26	27	28Net	29	30	31	



**STATION: AIR-2** (12 MAY 1200Z TO 2400Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 4590.1 KHZ USB 80M  
 7540.1 KHZ USB 40M  
 13993.1 KHZ USB 20M  
 LOCATION: HANCOCK FIELD AIR NATIONAL  
 GUARD BASE

**STATION: AGA4AR** (11 MAY 1400Z TO  
 2400Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 3299.0 KHZ USB 80M  
 7457.0 KHZ USB 40M  
 13498.0 KHZ USB 20M  
 LOCATION: ARNOLD AIR FORCE BASE

**STATION: AFS5SB** (11 MAY 1600Z TO 2300Z)  
**FREQUENCY EMISSION AMATEUR BAND**  
 3308.0 KHZ USB / DIGITAL\* 80M  
 4517.0 KHZ USB / DIGITAL\* 80M  
 7305.0 KHZ USB / DIGITAL\* 40M  
 LOCATION: BELLEVILLE, IL.

**STATION: AFS9AZ**  
 OPERATING HOURS: 1300Z TO 0400Z (0600  
 TO 2100 MST)  
**FREQUENCY EMISSION AMATEUR BAND**  
 FREQUENCIES:  
 7302 KHZ USB MONITORING AMATEUR 40M  
 BAND

14411 KHZ USB MONITORING AMATEUR 20M  
 BAND  
 20740 KHZ USB MONITORING AMATEUR 15M  
 BAND  
 LOCATION: PAPAGO MILITARY RESERVA-  
 TION, PHOENIX, AZ AND INDIVIDUAL ARIZONA  
 AF MARS

## NAVY/MARINE CORPS STATIONS:

**STATION: NBL** (11 MAY 1200Z - 12 MAY 0400Z)  
 NAVMARCORMARS RADIO STATION,  
 GROTON, CT  
**FREQUENCY EMISSION AMATEUR BAND**  
 4041.5 KHZ LSB 80M  
 7371.5 KHZ LSB 40M  
 14391.5 KHZ USB 20M  
 20623.5 KHZ USB 15M

**STATION: NMC1** (11 MAY 1400Z - 12 MAY  
 0030Z)  
 USCG COAST GUARD ISLAND, ALAMEDA, CA  
**FREQUENCY EMISSION AMATEUR BAND**  
 7542.0 KHZ LSB 40M  
 15740.5 KHZ USB 20M  
 22924.5 KHZ USB 15M

**STATION: NMN** (11 MAY 1400Z - 12 MAY  
 0030Z)  
 US COAST GUARD CAMSLANT, PORTSO-

MUTH VA

**FREQUENCY EMISSION AMATEUR BAND**

7528.6 KHZ LSB 40M  
14459.5 KHZ USB 20M  
19221.5 KHZ USB 17M

**STATION: NNN0ASF** (11 MAY 1200Z - 12 MAY 0400Z) NAVMARCORMARS RADIO STATION, NNN0ASF

**FREQUENCY EMISSION AMATEUR BAND**

4014.0 KHZ LSB 80M  
7394.5 KHZ LSB 40M 1200-2359Z, 0200-0400Z  
7394.5 KHZ PSK31 40M 0000-0200Z  
13974.0 KHZ USB 20M 1200-1800Z, 2000-0400Z  
13974.0 KHZ PSK31 20M 1800-2000Z  
20997.0 KHZ USB 15M  
EASTON MO 64443

**STATION: NNN0CQQ** (11 MAY 1500Z - 12 MAY 0400Z)

EX-USS MIDWAY MUSEUM SHIP MARS STATION

**FREQUENCY EMISSION AMATEUR BAND**

4003.0 KHZ LSB 80M  
7351.5 KHZ LSB 40M  
14463.5 KHZ USB 20M  
20936.0 KHZ USB 15M  
9789 PASEO MONTRIL, SAN DIEGO CA 92129-3910

**STATION: NPD**(11 MAY 1200Z - 12 MAY 0400Z)  
MARS RADIO STATION, NSA MILLINGTON TN

**FREQUENCY EMISSION AMATEUR BAND**

4456.5 KHZ LSB 80M  
7476.5 KHZ LSB 40M  
14483.5 KHZ USB 20M  
20578.5 KHZ USB 15M

**STATION: NUW** (11 MAY 1500Z - 12 MAY 0400Z)  
MARS RADIO STATION, NAS WHIDBEY ISLAND, WA

**FREQUENCY EMISSION AMATEUR BAND**

4044.0 KHZ LSB 80M  
7381.5 KHZ LSB 40M  
13528.5 KHZ USB 20M  
20952.5 KHZ USB 15M

**STATION: NWKJ** (11 MAY 1200Z - 12 MAY 0400Z)

**FREQUENCY EMISSION AMATEUR BAND**  
4010.0 KHZ LSB 80M

7348.0 KHZ LSB 40M  
14467.0 KHZ USB 20M  
21758.5 KHZ USB 15M

ADDRESS: EX-USS YORKTOWN (CV-10)  
PATRIOTS POINT MARITIME MUSEUM, SC

**STATION: NWVC** (11 MAY 1200Z - 12 MAY 0400Z)

**FREQUENCY EMISSION AMATEUR BAND**

4041.5 KHZ LSB/CW 80M  
7389.0 KHZ LSB/CW 40M  
13826.0 KHZ USB/CW 20M  
20678.5 KHZ USB/CW 15M  
EVANSVILLE, IN 47713

## **PART II. SECRETARY OF DEFENSE MESSAGE TEST VIA DIGITAL MODES.**

The secretary of defense message will be transmitted via digital modes including RTTY, PACTOR, AMTOR, PSK-31, MFSK and MT63 from the stations listed below, including frequencies, mode, and date/time in zulu (utc). All frequencies are listed "window/dial frequency" sound cards modes will use standard factory settings (NOTE: not all stations may necessarily operate on all the frequencies listed, depending on propagation and available equipment.)

## **ARMY BROADCAST STATIONS:**

**STATION: AAZ**

(HQ ARMY MARS AND WESTERN AREA GATEWAY, FORT HUACHUCA, AZ)

**FREQUENCY EMISSION MODE BROADCAST DATE/TIME**

6910.0 KHZ USB RTTY 12 MAY/0110Z  
MT63 12 MAY/0120Z  
14402.0 KHZ USB RTTY 12 MAY/0130Z  
MT63 12 MAY/0140Z

## Organizations promoting CW



The *Straight Key Century Club (SKCC)* is the fastest growing group of mechanical-key CW operators in the world. First organized in January 2006, our club has grown rapidly to include thousands of members from all corners of the globe. Visit <http://www.skccgroup.com/> for more information. Also, visit the 7.114 Mhz Elmer frequency where very slow speed CW is encouraged and nurtured.

### **NORTH AMERICAN QRP CW CLUB**

The NAQCC features CW and QRP all rolled up into one, in an organization that you need to get familiar with: The NAQCC has a very slow speed net, growing at a very rapid rate.

Lest you think these nets are not important to their members, read this:

*"Thanks to all of you for doing these nets. I am a very new Ham and I look forward to making contact, even if its at 3 wpm. How else can I learn. 73 Jerry KF7RCC (#5743)"*

Here are a few of the NAQCC Nets schedule, so you can tune in. It is excellent practice, and I would encourage you to get involved to further your CW expertise. You can find more information at their web site: <http://www.naqcc.info/>

**NAQCC Main QRS Net (NQN)**

Sunday evenings 8:00 PM Eastern Time, which is Monday 0100 UTC on 3560 kHz.

Main NCS - Craig N4PLK (#5775) in VA

**NAQCC East Texas QRS Net (ETN)**

**Monday evenings 7:00 PM Central Time, which is Tuesday 0100 UTC, on 3560 kHz.**

**Main NCS - Allen KA5TJS (#4512) in TX**

**NAQCC Rocky Mountain Regional/Continental QRS net (RMR)**

Tuesday afternoons 3:00 PM Mountain Time, which is Tuesday 2200 UTC, on 14062.5 kHz.

# W1AW

## W1AW Code Practice Schedules

Morse Code Transmissions:  
(Red indicates easily received signals)

Frequencies are 1.8025, **3.5815**, **7.0475**,  
**14.0475**, 18.0975, 21.0675, 28.0675

Slow Code = practice starts at 5, 7-1/2, 10,  
13 and 15 words per minute.

Fast Code = practice starts at 35, 30, 25, 20,  
15, 13 and 10 words per minute.

Central	Mon	Tue	Wed	Thu	Fri
8:00 AM		<a href="#">Fast Code</a>	<a href="#">Slow Code</a>	Fast Code	Slow Code
3:00 PM	Fast Code	<a href="#">Slow Code</a>	Fast Code	<a href="#">Slow Code</a>	Fast Code
4:00 PM	<a href="#">Code Bulletin</a>				
5:00 PM	<a href="#">Digital Bulletin</a>				
6:00 PM	<a href="#">Slow Code</a>	Fast Code	<a href="#">Slow Code</a>	Fast Code	<a href="#">Slow Code</a>
7:00 PM	Code Bulletin				
8:00 PM	Digital Bulletin				
8:45 PM	<a href="#">Voice Bulletin</a>				
9:00 PM	Fast Code	<a href="#">Slow Code</a>	Fast Code	<a href="#">Slow Code</a>	Fast Code
10:00 PM	Code Bulletin				

*(Continued from page 7)*

### STATION: WAR

(PENTAGON MARS STATION, WASHINGTON,  
DC )

### FREQUENCY EMISSION MODE BROADCAST DATE/TIME

6986.5 KHZ USB OLIVIA 11 MAY/1700Z AND  
2300Z

MT63 11 MAY/1715Z AND 2315Z

14438.5 KHZ USB PACTOR FEC 11  
MAY/1730Z

RTTY 11 MAY/1745Z

4018.0 KHZ USB PACTOR FEC 11 MAY/2330Z

RTTY 11 MAY/2345Z

### STATION: AAC

### FREQUENCY EMISSION MODE BROADCAST DATE/TIME

4036.0 KHZ USB MT63 11 MAY/0030Z

7357.0 KHZ USB RTTY 12 MAY/0100Z

### NAVY/MARINE CORPS BROAD- CAST STATIONS:

#### STATION: NBL

(NAVMARCORMARS RADIO STATION,  
GROTON CT)

### FREQUENCY MODE BROADCAST DATE/ TIME

7370.0 KHZ RTTY 11 MAY/2340Z

AMTOR FEC 12 MAY/0010Z

MT63 12 MAY/0040Z

14393.0 KHZ RTTY 11 MAY/2340Z

AMTOR FEC 12 MAY/0010Z

MT63 12 MAY/0040Z

#### STATION: NNN0ASF

(NAVMARCORMARS RADIO STATION, EASTON,  
MO)

### FREQUENCY MODE BROADCAST DATE/TIME

7393.0 KHZ RTTY 11 MAY/2340Z

AMTOR FEC 12 MAY/0010Z

MT63 12 MAY/0040Z

13975.5 KHZ RTTY 11 MAY/2340Z

AMTOR FEC 12 MAY/0010Z

MT63 12 MAY/0040Z

#### STATION: NNN0CQQ

(EX-USS MIDWAY MUSEUM SHIP, SAN DIEGO CA)

### FREQUENCY MODE BROADCAST DATE/TIME

7350.0 KHZ RTTY 12 MAY/0240Z

AMTOR FEC 12 MAY/0310Z

MT63 12 MAY/0340Z

14465.0 KHZ RTTY 12 MAY/0240Z

AMTOR FEC 12 MAY/0310Z

MT63 12 MAY/0340Z



The Eules Amateur Radio Club is located inside the Eules police station EOC, at:  
**1102 West Eules Blvd,  
 Eules, Texas**  
 CALL-IN FREQUENCY:  
 442.900

**STATION: NUW**

(NAVMARCORMARS RADIO STATION, NAS WHIDBEY ISLAND WA)

**FREQUENCY MODE BROADCAST DATE/TIME**

7380.0 KHZ RTTY 12 MAY/0240Z  
 AMTOR FEC 12 MAY/0310Z  
 MT63 12 MAY/0340Z  
 13530.0 KHZ RTTY 12 MAY/0240Z  
 AMTOR FEC 12 MAY/0310Z  
 MT63 12 MAY/0340Z

**STATION: NWKJ**

(EX-USS YORKTOWN, PATRIOTS POINT MARITIME MUSEUM SC)

**FREQUENCY MODE BROADCAST DATE/TIME**

7346.5 KHZ RTTY 12 MAY/0240Z  
 AMTOR FEC 12 MAY/0310Z  
 MT63 12 MAY/0340Z  
 14468.5 KHZ RTTY 12 MAY/0240Z  
 AMTOR FEC 12 MAY/0310Z  
 MT63 12 MAY/0340Z

**AIR FORCE BROADCAST STATIONS**

**STATION: AIR-2**

(HANCOCK FIELD AIR NATIONAL GUARD BASE)

**FREQUENCY MODE BROADCAST DATE/TIME**

7831.1 KHZ RTTY 12 MAY/1930Z  
 MT63 12 MAY/2030Z  
 MFSK 12 MAY/2100Z  
 14877.1 KHZ RTTY 12 MAY/2130Z  
 MT63 12 MAY/2230Z  
 MFSK 12 MAY/2300Z

**SUBMISSION OF SECRETARY OF DEFENSE TEST MESSAGE ENTRIES.**

Transcripts of the RTTY, PACTOR, AMTOR, PSK-31, MFSK and MT63 receiving test should be submitted "as

received". No attempt should be made to correct possible transmission errors.

Provide time, frequency and call sign of the military station copied, including name, call sign, and address (including zip code) of individual submitting the entry.

Ensure this information is placed on the paper containing the test message. Each year a large number of acceptable entries are received with insufficient information, or necessary information was not attached to the transcriptions and was separated, thereby precluding issuance of a certificate. Entries must be sent to the appropriate military address as follows:

**A. STATIONS COPYING SECRETARY OF DEFENSE MESSAGE TRANSMITTED FROM **AAZ/WAR/AAC** SEND ENTRIES TO:**

ARMED FORCES DAY CELEBRATION  
 COMMANDER NETCOM/9TH ASC  
 ATTN: NETC-ATD (MARS STATION)  
 BLDG 90549 JIM AVENUE  
 FORT HUACHUCA, AZ 85613-7070

**B. STATIONS COPYING SECRETARY OF DEFENSE MESSAGE TRANSMITTED FROM **NBL, NNN0ASF, NNN0CQQ, NUW** OR **NWKJ** SEND ENTRIES TO:**

ARMED FORCES DAY CELEBRATION  
 CHIEF, NAVY-MARINE CORPS MARS  
 CHEATHAM ANNEX BLDG 117  
 108 SANDA AVE  
 WILLIAMSBURG, VA 23185-5830

**C. STATIONS COPYING SECRETARY OF DEFENSE MESSAGE TRANSMITTED FROM **AIR2** SEND ENTRIES TO:**

ARMED FORCES DAY CELEBRATION  
 38 CYRS/CHIEF, AF MARS  
 203W LOSEY ST, RM 1200  
 SCOTT AFB, IL 62225