

ANNUAL ARMED FORCES DAY CROSSBAND TEST

(12 May 2018)

The Army Military Auxiliary Radio System will host this year's Armed Forces Day Crossband Test, scheduled for May 12, 2018. This annual event is open to all radio operators, and will not impact any public or private communications. For more than 50 years, military and amateur stations have taken part in this event, which is only an exercise scenario, designed to include hobbyist and government radio operators alike.

The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), as authorized in 47 CFR 97.111. These tests provide opportunities and challenges for radio operators to demonstrate individual technical skills in a tightly-controlled exercise scenario that does not impact any public or private communications.

Military stations will transmit on selected military frequencies and will announce the specific ARS frequencies monitored. All times are ZULU (Z), and all frequencies are Upper Side Band (USB) unless otherwise noted. The frequencies used for the test will not impact any public or private communications, and will not stray outside the confines of the exercise.

The following stations will be making two way radiotelephone contacts with stations in the ARS between the time periods listed on the frequencies listed in Kilohertz below.

AAZ / FT HUACHUCA, AZ

1500Z - 2359Z	5,330.5	14,438.5	18,211.0
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AAC / BARROW ARMY RESERVE CENTER, KY

1300Z - 0100Z	5,346.5	7,542.0	13,963.5	20,920.0
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ABH / SCHOFIELD BARRACKS, HI

1600Z - 2300Z	5,357.0	14,438.5	18,272.0	20,997.0
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ABM1 / CAMP ZAMA, JAPAN

1500Z - 0100Z	14,487.0	20,994
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ADB / CAMP FOSTER, OKINAWA

1500Z - 0100Z	14,487.0	20,994
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WAR / PENTAGON WASHINGTON, DC

1200Z - 2400Z	5,357.0	13,963.5	18,211.0	24,760.0	USB + CW
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WUG-2 / ARMY CORPS OF ENGINEERS, TN

1300Z - 0200Z	5,403.5	13,910.5	18,293.0	20,973.5	USB + CW
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AIR / ANDREWS AFB

1200Z - 2400Z	4,517.0	7,305.0	15,807.0	20,740.0
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AGA2SY / HANCOCK FIELD, NY

1200Z - 2400Z	4,575.0	7,540.0	13,993.0
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AGA5SC / SCOTT AFB, IL

1600Z - 2300Z	3,308.0	4,872.0	7,545.0
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AGA9TR / TRAVIS AFB, CA

1600Z - 0100Z	5,346.5	7,329.0	13,996.0	14,411.0
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AFM4AF / NAVAL SUPPORT ACTIVITY MID-SOUTH MILLINTON, TN

1200Z - 0300Z 7,375.5 13,498.0

MARSRADIO /

1400Z – 0100Z 7,460.0 14,606.0 16,298.5 20,991.0 24,448.5

AAM046 / NAS WHIDBEY ISLAND, WA

1700Z – 0100Z 5403.5 7,533.5 13,910.5 13,974.0 18,293.0

NMER / USNS MERCY AT SEA INDIAN OCEAN

1200Z - 2400Z 14,487.0 18,272.0 20,997.0 24,760.0

NMC1 / COAST GUARD ISLAND, ALAMEDA, CA

1700Z - 2359Z 7,542.0 15,740.5 22,924.5

NIIW / USS MIDWAY CV-41 SAN DIEGO, CA

1400Z - 0400Z 4,013.5 5371.5 7,493.5 14,383.5 18,211.0

NWKJ / USS YORKTOWN CV-10 CHARLESTON, SC

1200Z - 2200Z 4,000.0 7,360.0 14,663.5

NEPM / USS IOWA BB 61 LOS ANGELES, CA

1500Z - 2359Z 4,043.5 6,903.5 14,463.5 18,293.0

NWVC / LST-325 EVANSVILLE, IN

1200Z - 0400Z 4,007.0 6,913.0 9988.5 13,974.0

NSS / US NAVAL ACADEMY ANNAPOLIS, MD

1300Z - 0200Z 4,038.5 5330.5 7,533.5 9,447.0 14,487.0 17,545.0
USB + CW

An AFD test message will be transmitted utilizing the Military Standard (MIL-STD) Serial PSK waveform (M110) followed by MIL-STD Wide Shift FSK (850 Hz RTTY) as described in MIL-STD 188-110A/B. Technical information regarding these waveforms is provided at:
http://www.n2ckh.com/MARS_ALE_FORUM/MSDMT.html.

The AFD test message will also be sent at 0300Z in Continuous Wave (CW) mode (refer to the far right column in the table below). The message will be transmitted on the following frequencies in Kilohertz and at the listed times:

Frequency (kHz)	1400Z	1420Z	1440Z	1500Z	1900Z	1920Z	1940Z	2000Z	2200Z	2220Z	2240Z	2300Z	0300Z (CW)
5,346.5													NWVC
7,540.0													NWVC
13,506.5	AGA2SY	WAR	AAC	AAZ					ADB				
17,443.0	AAC	AGA2SY	WAR	AAZ					AGA2SY				

For those who wish to document their contacts with a QSL card, go to <http://www.usarmymars.org/events> and complete the request form.