

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WM9XHT

(Call Sign)

0268-EX-ST-2018

(File Number)

NAME The Boeing Company

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To test a maritime system under development. This requirement supports sonobouy/mBouy test and development.

Station Locations

- (1) Huntington Beach (ORANGE), CA - NL 33-44-58; WL 118-02-06; MOBILE: Boeing Huntington Beach Campus, Huntington Beach, CA, within 161 km, centered around NL 33-44-58; WL 118-02-06

Frequency Information

Huntington Beach (ORANGE), CA - NL 33-44-58; WL 118-02-06; MOBILE: Boeing Huntington Beach Campus, Huntington Be

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-72 MHz	FX	18K6F1E	5 W (ERP)	
		23K0F3E		
		37K3F1E		
		13K2F3E		
		53K0F1D		
		5K00A3E		
		7K00A3E		

This authorization effective March 01, 2018 and
will expire 3:00 A.M. EST September 02, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntington Beach (ORANGE), CA - NL 33-44-58; WL 118-02-06; MOBILE: Boeing Huntington Beach Campus, Huntington Be

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-72 MHz	MO	18K6F1E 23K0F3E 37K3F1E 13K2F3E 53K0F1D 5K00A3E 7K00A3E	5 W (ERP)	
76-87.9925 MHz	FX	18K6F1E 23K0F3E 37K3F1E 13K2F3E 53K0F1D 5K00A3E 7K00A3E	5 W (ERP)	
76-87.9925 MHz	MO	18K6F1E 23K0F3E 37K3F1E 13K2F3E 53K0F1D 5K00A3E 7K00A3E	5 W (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The Boeing Company must coordinate with the local Society of Broadcast Engineers frequency coordinator in the proposed area prior to performing the tests to protect the Broadcast Auxiliary Service operations.

Special Conditions:

- (4) Operation is NOT PERMITTED using any Public Safety frequencies: 35-36 MHz, 42-43.69 MHz, 72-73 MHz and 75.4-76 MHz.
- (5) The Boeing Company must not operate in the 137.5 - 162 MHz band due to ongoing operations of multiple Federal agencies in the area.
- (6) The Boeing Company must notch out 37.5-38.25 MHz and 73-74.6 MHz to avoid causing interference to Radio Astronomy operations in the area.
- (7) The Boeing Company must coordinate with the Western Area Frequency Coordinator (WAFC), Mr. J. Heaton at (760) 939-6948 (Jamie.heaton@navy.mil) prior to the Huntington Beach, California operation to mitigate harmful interference to Navy assignments. The Boeing Company must also comply with any and all restrictions that may be levied by WAFC.
- (8) The Boeing Company must obtain consents of the following within 50 miles of the test area:
 - Paging Service licensees in 35 MHz
 - Paging Service licensees in 43 MHz
- (9) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules
- (10) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (11) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications
- (12) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (13) Stop Buzzer: Randall Mosten, 714-896-5940.