

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

EXPERIMENTAL

(Nature of Service)

WK9XXZ

(Call Sign)

XT FX MO

(Class of Station)

0314-EX-ST-2017

(File Number)

NAME Raytheon Missile Systems

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:

Test airborne DGPS corrections to assist with precision detection of objects.

Station Locations

- (1) San Nicolas Island (LOS ANGELES), CA - NL 33-14-57; WL 119-29-58; MOBILE: fixed and airborne mobile operations around center, within 80 km, centered around NL 33-14-57; WL 119-29-58
- (2) San Clemente Island (LOS ANGELES), CA - NL 32-54-10; WL 118-29-54; MOBILE: fixed and airborne mobile operations around center, within 80 km, centered around NL 32-54-10; WL 118-29-54
- (3) Point Mugu (VENTURA), CA - NL 34-06-36; WL 119-06-36; MOBILE: fixed and airborne mobile operations around center, within 80 km, centered around NL 34-06-36; WL 119-06-36

Frequency Information

San Nicolas Island (LOS ANGELES), CA - NL 33-14-57; WL 119-29-58; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	FX	15K3F1D	6.1 W (ERP)	

This authorization effective April 10, 2017 and
will expire 3:00 A.M. EST October 11, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Nicolas Island (LOS ANGELES), CA - NL 33-14-57; WL 119-29-58; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	MO	15K3F1D	6.1 W (ERP)	
471 MHz	FX	15K3F1D	6.1 W (ERP)	
471 MHz	MO	15K3F1D	6.1 W (ERP)	
479.45 MHz	FX	15K3F1D	6.1 W (ERP)	
479.45 MHz	MO	15K3F1D	6.1 W (ERP)	

San Clemente Island (LOS ANGELES), CA - NL 32-54-10; WL 118-29-54; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	FX	15K3F1D	6.1 W (ERP)	
451.45 MHz	MO	15K3F1D	6.1 W (ERP)	
471 MHz	FX	15K3F1D	6.1 W (ERP)	
471 MHz	MO	15K3F1D	6.1 W (ERP)	

Frequency Information

San Clemente Island (LOS ANGELES), CA - NL 32-54-10; WL 118-29-54; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
479.45 MHz	FX	15K3F1D	6.1 W (ERP)	
479.45 MHz	MO	15K3F1D	6.1 W (ERP)	

Point Mugu (VENTURA), CA - NL 34-06-36; WL 119-06-36; MOBILE: fixed and airborne mobile operations around center, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	FX	15K3F1D	6.1 W (ERP)	
451.45 MHz	MO	15K3F1D	6.1 W (ERP)	
471 MHz	FX	15K3F1D	6.1 W (ERP)	
471 MHz	MO	15K3F1D	6.1 W (ERP)	
479.45 MHz	FX	15K3F1D	6.1 W (ERP)	
479.45 MHz	MO	15K3F1D	6.1 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.

Special Conditions:

- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.