

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

EXPERIMENTAL

(Nature of Service)

WI9XJD

(Call Sign)

XT FX MO

(Class of Station)

0298-EX-ST-2015

(File Number)

NAME Insitu

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:

Unmanned Aircraft System (UAS).

Station Locations

- (1) Bingen, WA - NL 45-42-24; WL 121-27-30
- (2) Boardman Range, OR - NL 45-44-54; WL 119-44-54
- (3) MOBILE: Maximum Flight Level 4000 feet, within 20 km, centered around NL 45-44-54;
WL 119-44-54

Frequency Information

Bingen, WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	FX	300KGXW	12.1 W (ERP)	
925-960 MHz	FX	300KGXW	12.1 W (ERP)	

This authorization effective March 30, 2015 and
will expire 3:00 A.M. EST October 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bingen, WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1849-1880 MHz	FX	300KGXW	12.1 W (ERP)	
1930-1990 MHz	FX	300KGXW 5M00GXW	12.1 W (ERP)	
2412-2462 MHz	FX	20M0GXW	12.1 W (ERP)	
5180-5825 MHz	FX	20M0GXW	12.1 W (ERP)	

Boardman Range, OR - NL 45-44-54; WL 119-44-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	FX	300KGXW	12.1 W (ERP)	
925-960 MHz	FX	300KGXW	12.1 W (ERP)	
1849-1880 MHz	FX	300KGXW	12.1 W (ERP)	
1930-1990 MHz	FX	300KGXW 5M00GXW	12.1 W (ERP)	

Frequency Information

Boardman Range, OR - NL 45-44-54; WL 119-44-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2412-2462 MHz	FX	20M0GXW	12.1 W (ERP)	
5180-5825 MHz	FX	20M0GXW	12.1 W (ERP)	

MOBILE: Maximum Flight Level 4000 feet, within 20 km, centered around NL 45-44-54; WL 119-44-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
869-894 MHz	MO	300KGXW	12.1 W (ERP)	
925-960 MHz	FX	300KGXW	12.1 W (ERP)	
1849-1880 MHz	FX	300KGXW	12.1 W (ERP)	
1930-1990 MHz	FX	300KGXW 5M00GXW	12.1 W (ERP)	
2412-2462 MHz	FX	20M0GXW	12.1 W (ERP)	
5180-5825 MHz	FX	20M0GXW	12.1 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) Operation is subject to "consent" of Cellular (824-849 MHz/ 869-894 MHz) licensees within 25 miles of the location of the test.
- (4) Operation is subject to prior coordination with the local SBE frequency coordinator prior to accessing to 925-960 MHz and 2412-2462 MHz bands.
- (5) Operation is subject to prior coordination with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to accessing to 925-960 MHz and 2412-2462 MHz bands.
- (6) Operation is not permitted in 2110-2170 MHz and 1805-1849 MHz bands.
- (7) 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.
- (8) Stop buzzer for this operation is Insitu the Operations Action Center at (866) 637-4691.