

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WJ2XCL

(Call Sign)

0731-EX-CN-2017

(File Number)

NAME _____ Insitu _____

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

Station Locations

- (1) Bingen, WA - NL 45-42-23; WL 121-27-29
- (2) Boardman, OR - NL 45-44-54; WL 119-47-38
- (3) MOBILE: Boardman, OR. 10,000 Feet Maximum Flight level, within 50 km, centered around NL 45-44-54; WL 119-47-38

Frequency Information

Bingen, WA - NL 45-42-23; WL 121-27-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14400-14830 MHz	FX	42M8G1D 21M4G1D 8M00G1D 800KG1D	5 W (ERP)	
15150-15350 MHz	FX	800KG1D 42M8G1D 21M4G1D 8M00G1D	83 kW (ERP)	

This authorization effective January 26, 2018 and
will expire 3:00 A.M. EST February 01, 2020

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MOBILE: Boardman, OR. 10,000 Feet Maximum Flight level, within 50 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.7145-15.1365 GHz	MO	800KG1D 8M00G1D 21M4G1D 42M8G1D	5 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Use of this spectrum shall be for Federal/military usage only. Mobile operations shall operate in 14.7145-15.1365 GHz only.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Operation Center at (509) 493-4691.