

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WI2XHD

(Call Sign)

0186-EX-PL-2016

(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) Boardman, OR - NL 45-44-54; WL 119-47-38
- (2) Arlington, OR - NL 45-43-12; WL 120-10-30
- (3) Jackass Spring, OR - NL 45-31-19; WL 120-46-58
- (4) The Dalles Airport, WA - NL 45-37-16; WL 121-10-10
- (5) Wasco Butte, OR - NL 45-36-26; WL 121-19-53
- (6) Hood River, OR - NL 45-40-18; WL 121-32-24
- (7) Bingen, WA - NL 45-42-23; WL 121-27-29
- (8) MOBILE: Flight Level: 5,000 ft AGL, within 50 km, centered around NL 45-44-54; WL 119-47-38
- (9) MOBILE: Flight Level: 3,000 ft AGL, within 16 km, centered around NL 45-40-18; WL 121-32-24
- (10) MOBILE: Flight Level: 3,000 ft AGL, within 16 km, centered around NL 45-37-16; WL 121-10-10

Frequency Information

Boardman, OR - NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

This authorization effective May 02, 2016 and
will expire 3:00 A.M. EST May 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Arlington, OR - NL 45-43-12; WL 120-10-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

Jackass Spring, OR - NL 45-31-19; WL 120-46-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

The Dalles Airport, WA - NL 45-37-16; WL 121-10-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

Wasco Butte, OR - NL 45-36-26; WL 121-19-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

Frequency Information

Hood River, OR - NL 45-40-18; WL 121-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

MOBILE: Flight Level: 5,000 ft AGL, within 50 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	MO	230KF1D	1 W (ERP)	

MOBILE: Flight Level: 3,000 ft AGL, within 16 km, centered around NL 45-40-18; WL 121-32-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	MO	230KF1D	1 W (ERP)	

Frequency Information

MOBILE: Flight Level: 3,000 ft AGL, within 16 km, centered around NL 45-37-16; WL 121-10-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5030-5040 MHz	MO	230KF1D	1 W (ERP)	

Special Conditions:

- (1) Operation subject to prior coordinations with FAA Northwest Regional Office, 1601 Linda Avenue, SW, Renton, WA 98055-4056. Phone: 206-227-2464.
- (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) Stop buzzer is Operation Action Center at (509) 637-4691.