

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WJ2XKP

(Call Sign)

0404-EX-CR-2020

(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 (KLICKITAT), WA - NL 45-42-23; WL 121-27-29
- (2) MOBILE: Boardman Range, OR Restricted Airspace, within 50 km, centered around NL 45-44-54; WL 119-47-38
- (3) MOBILE: Arlington, OR. Restricted Airspace, within 1.6 km, centered around NL 45-43-20; WL 120-10-36

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	FX	11M0M1D	316 W (ERP)	
1090 MHz	FX	8M24M1D	250 W (ERP)	
1090 MHz	FX	11M0M1D	107 W (ERP)	

This authorization effective October 01, 2020 and
will expire 3:00 A.M. EST October 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Boardman Range, OR Restricted Airspace, within 50 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	11M0M1D	316 W (ERP)	
1090 MHz	FX	8M24M1D	250 W (ERP)	
1090 MHz	FX	11M0M1D	107 W (ERP)	

MOBILE: Arlington, OR. Restricted Airspace, within 1.6 km, centered around NL 45-43-20; WL 120-10-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1090 MHz	MO	11M0M1D	316 W (ERP)	
1090 MHz	MO	8M24M1D	250 W (ERP)	

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Maximum of 4 interrogation SEQ per MIN.
Test MODES 3/A and C only.
- (6) GROUND TESTING ONLY.
- (7) Stop buzzer is Insitu Operations Action Center at 509-493-4691.