

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WJ2XIZ

(Call Sign)

0423-EX-CR-2018

(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) MOBILE: Ackerman, MS 5,000 Foot Flight Level, within 100 km, centered around NL 33-12-06; WL 89-13-38
- (2) Ackerman, MS - NL 33-12-06; WL 89-13-37
- (3) MOBILE: Watford, ND 5,000 Foot Flight Level, within 100 km, centered around NL 47-48-08; WL 103-16-59
- (4) Watford, ND - NL 47-48-08; WL 103-16-58

Frequency Information

MOBILE: Ackerman, MS 5,000 Foot Flight Level, within 100 km, centered around NL 33-12-06; WL 89-13-38

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

This authorization effective November 03, 2018 and
will expire 3:00 A.M. EST August 30, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ackerman, MS - NL 33-12-06; WL 89-13-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.175 MHz	FX	6K80A3E	9 W (ERP)	
5030-5040 MHz	FX	230KF1D	1259 W (ERP)	

MOBILE: Watford, ND 5,000 Foot Flight Level, within 100 km, centered around NL 47-48-08; WL 103-16-59

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

Watford, ND - NL 47-48-08; WL 103-16-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.175 MHz	FX	6K80A3E	9 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) Stop buzzer is Joel Thorsheim at (206) 544-6066.

Special Conditions:

- (5) The following frequency bands require further coordination with the FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699:
 - 3.3-3.4 GHz
 - 5.03-5.04 GHz
 - 9.41 GHz
- (6) Renewal of this Authorization is subject to prior coordination with AFTRCC Frequency Advisory Committee, www.afrcc.org