

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WG2XWZ

(Call Sign)

0117-EX-ML-2014

(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: ARCO, Chukchi Sea Waters off Alaska Coast
70N72N160W168W, within 178 km, centered around NL 71-23-51; WL 164-36-43

Frequency Information

MOBILE: ARCO, Chukchi Sea Waters off Alaska Coast
70N72N160W168W, within 178 km, centered around NL 71-23-51; WL 164-36-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	230KF1D	1 W (ERP)	
1370-1390 MHz	MO	230KF1D	608 W (ERP)	
2411 MHz	MO	18M0F9W 16M0F3F	2 W (ERP)	
2434 MHz	MO	18M0F9W	2 W (ERP)	

This authorization effective May 28, 2015 and
will expire 3:00 A.M. EST April 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 70N72N160W168W, within 178 km, centered around NL 71-23-51; WL 164-36-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2434 MHz	MO	16M0F3F	2 W (ERP)	
2453 MHz	MO	18M0F9W 16M0F3F	2 W (ERP)	
2463 MHz	MO	18M0F9W 16M0F3F	2 W (ERP)	
2473 MHz	MO	18M0F9W 16M0F3F	2 W (ERP)	
2486 MHz	MO	18M0F9W 16M0F3F	2 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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (5) Stop buzzer is operations center at (866) 637-4691.
- (6) Subject to prior coordination with FAA Alaskan regional office, 222 West 7th Ave. Anchorage, Alaska 99513, Attn: Frequency Management Office: Ph (907) 243-7246 or 4399.