

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WG9XBP

(Call Sign)

0846-EX-ST-2012

(File Number)

NAME Insitu

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Provide data links to and from the ground station.

Station Locations

- (1) Boardman (MORROW), OR - NL 45-44-53; WL 119-48-11
- (2) MOBILE: Airborne operations, within 20 km, centered around NL 45-44-53; WL 119-48-11
- (3) Lenore Lake (DOUGLAS), WA - NL 47-31-32; WL 119-30-47

Frequency Information

Boardman (MORROW), OR - NL 45-44-53; WL 119-48-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2314 MHz	FX	230KF1D	2428 W (ERP)	

This authorization effective November 05, 2012 and
will expire 3:00 A.M. EST May 06, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Airborne operations, within 20 km, centered around NL 45-44-53; WL 119-48-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2314 MHz	MO	230KF1D	2.5 W (ERP)	
2385 MHz	MO	9M58G1D	3.05 W (ERP)	

Lenore Lake (DOUGLAS), WA - NL 47-31-32; WL 119-30-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2314 MHz	FX	230KF1D	6098 W (ERP)	

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (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) aircraft max operating altitude is 10,000 AGL
- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization Under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.