

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XXM

(Call Sign)

1723-EX-ST-2021

(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:

Required to support Ground Control Station data link operations.

Station Locations

- (1) Wasco Butte, OR - NL 45-36-26; WL 121-19-53
- (2) The Dalles, OR - NL 45-31-01; WL 121-24-47

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	FX	200KG1D 10M2G1D	1208 W (ERP)	
2210.1-2222.7 MHz	FX	10M2G1D 200KG1D	3405 W (ERP)	

This authorization effective November 05, 2021 and
will expire 3:00 A.M. EST May 06, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2224.5-2259.6 MHz	FX	200KG1D 10M2G1D	3405 W (ERP)	
2270.1-2282.4 MHz	FX	200KG1D 10M2G1D	3405 W (ERP)	

The Dalles, OR - NL 45-31-01; WL 121-24-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	FX	200KG1D 10M2G1D	1208 W (ERP)	
2210.1-2222.7 MHz	FX	200KG1D 10M2G1D	3405 W (ERP)	
2224.5-2259.6 MHz	FX	200KG1D 10M2G1D	3405 W (ERP)	
2270.1-2282.4 MHz	FX	200KG1D 10M2G1D	3405 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.

Special Conditions:

- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation in the 1370-1390 MHz frequency band shall comply with the limits of unwanted emission recommendations specified in ITU Resolution 750 (Rev. WRC-19).
- (5) Mobile operations in the 2200-2290 MHz frequency band shall be limited to Line of Sight operations only.
- (6) Operation is not permitted on 2200-2210.1 MHz, 2222.7-2224.5 MHz, 2259.6-2270.1 MHz, and 2282.4-2290 MHz bands.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Insitu Operations Action Center at (509) 493-4691.
- (8) 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.