

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

EXPERIMENTAL

(Nature of Service)

WH9XCU

(Call Sign)

XT FX MO

(Class of Station)

1077-EX-ST-2013

(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:

To support a temporary UAS equipment integration test.

Station Locations

- (1) Bingen (KLICKITAT), WA - NL 45-42-24; WL 121-27-30
- (2) Boardman (MORROW), OR - NL 45-44-54; WL 119-47-38
- (3) MOBILE: 4000 Foot Flight Level, within 20 km, centered around NL 45-44-54; WL 119-47-38

Frequency Information

Bingen (KLICKITAT), WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1525-1535 MHz	FX	31K2G7W	0.008 W (ERP)	
1525.03125-1535 MHz	FX	31K2G7W	12.2 W (ERP)	

This authorization effective January 23, 2014 and will expire 3:00 A.M. EST May 31, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bingen (KLICKITAT), WA - NL 45-42-24; WL 121-27-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2412-2462 MHz	FX	20M0G7D	1.25 W (ERP)	
5180-5825 MHz	FX	20M0G7D	1.25 W (ERP)	

Boardman (MORROW), OR - NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1525.03125-1535 MHz	FX	31K2G7W	12.2 W (ERP)	

MOBILE: 4000 Foot Flight Level, within 20 km, centered around NL 45-44-54; WL 119-47-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1525-1535 MHz	MO	31K2G7W	0.008 W (ERP)	
2412-2462 MHz	FX	20M0G7D	1.25 W (ERP)	
5180-5825 MHz	FX	20M0G7D	1.25 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.

Special Conditions:

- (3) Insitu must coordinate with Mr. Vince Parisi, 937-853-3031 prior to testing in Boardman, OR.
- (4) Insitu will adhere to the parameters of the attached revised STA 1077-EX-ST-2013 specifically in the case of the following:
 - a. 1525 – 1535 MHz band
 - b. 1525.03125 – 1535 MHz band
- (5) Stop buzzer for this operation is Insitu the Operations Action Center at 866-637-4691.