

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WH9XSJ

(Call Sign)

0531-EX-ST-2014

(File Number)

NAME Booz Allen Hamilton Inc.

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:

The operation will enable a demonstration experiment to test a small optical sensor package including photodetectors and a camera.

Station Locations

- (1) MOBILE: Non-geostationary, SP
- (2) Linthicum (ANNE ARUNDEL), MD - NL 39-12-08; WL 76-41-15
- (3) Rochester (OLMSTED), MN - NL 44-00-06; WL 92-22-17

Frequency Information

MOBILE: Non-geostationary, SP

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.615 MHz	MO	25K0F1D 25K0F2D	3 W (ERP)	5 %

This authorization effective October 01, 2014 and
will expire 3:00 A.M. EST April 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-12-08; WL 76-41-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.93 MHz	FX	25K0F1D	2700 W (ERP)	50 %
		25K0F2D		

Rochester (OLMSTED), MN - NL 44-00-06; WL 92-22-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
145.93 MHz	FX	25K0F1D	2700 W (ERP)	50 %
		25K0F2D		

Special Conditions:

- (1) Following launch of the satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (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) Booz Allen Hamilton is authorized to use 3 watts of power during normal operations but may use the 2700 watt maximum power under emergency conditions when utilizing the 145.93 MHz frequency.
- (5) The stop buzzer, John Swartz, 919-595-4825 (office), 919-270-5074 (mobile), must be available at all times during transmissions.
- (6) This authorization is conditioned on and will be effective only upon issuance by NOAA of a license pursuant to the Land Remote Sensing Act, as amended. The FCC has not reviewed or approved the end-of-life disposal plan for this satellite.