

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WI9XIP

(Call Sign)

0855-EX-ST-2015

(File Number)

NAME Leidos

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:

This application is for the use of a line-of-sight communications system that connects an aircraft and a ground station.

Station Locations

- (1) MOBILE: Bridgewater, VA, within 201 km, centered around NL 38-22-00; WL 78-57-37
- (2) MOBILE: Fort Belvoir, VA, within 201.16 km, centered around NL 38-42-54; WL 77-10-52

Frequency Information

MOBILE: Bridgewater, VA, within 201 km, centered around NL 38-22-00; WL 78-57-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4612 MHz	MO	8M00D7F	225 W (ERP)	
4618-4625 MHz	MO	7M00D7F	225 W (ERP)	

This authorization effective August 20, 2015 and
will expire 3:00 A.M. EST February 20, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bridgewater, VA, within 201 km, centered around NL 38-22-00; WL 78-57-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4775-4912 MHz	MO	8M00D7F	100 W (ERP)	
4918-4940 MHz	MO	8M00D7F	100 W (ERP)	

MOBILE: Fort Belvoir, VA, within 201.16 km, centered around NL 38-42-54; WL 77-10-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4612 MHz	MO	8M00D7F	225 W (ERP)	
4618-4625 MHz	MO	7M00D7F	225 W (ERP)	
4775-4912 MHz	MO	8M00D7F	100 W (ERP)	
4918-4940 MHz	MO	8M00D7F	100 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.

Special Conditions:

- (4) Leidos must coordinate with the Mid-Atlantic Frequency Coordinator (MIDAFRC) NAVY POC, Mr. Robert Goddard at 301-342-1194 (robert.n.goddard@navy.mil) prior to anticipated testing start time of operations in Bridgewater and Fort Belvoir, Virginia.
- (5) Due to potential unscheduled Department of Justice operations within the requested band, Leidos must coordinate continued use beyond September 2015 on a month to month basis with one of the following:
 - a. Carolyn Thomas, Email: carolyn.j.thomas@usdoj.gov, 571-468-9187
 - b. Quan Vu, Email: quan.vu@usdoj.gov, 571-468-9858
 - c. Julio Laguardia, Email: Julio.A.Laguardia@usdoj.gov, 571-468-9111
- (6) Operation not permitted in the bands:
 - a. 4612 – 4618 MHz band
 - b. 4912 – 4918 MHz band