

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WI2XOY

(Call Sign)

0163-EX-CN-2016

(File Number)

NAME Leidos

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(c) of the Commission's Rules

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)	
4622 MHz	MO	8M00D7F	225 W (ERP)	
4775-4912 MHz	MO	8M00D7F	100 W (ERP)	
4918-4940 MHz	MO	8M00D7F	100 W (ERP)	

This authorization effective January 04, 2017 and
will expire 3:00 A.M. EST January 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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)	
4622 MHz	MO	8M00D7F	225 W (ERP)	
4775-4912 MHz	MO	8M00D7F	100 W (ERP)	
4918-4940 MHz	MO	8M00D7F	100 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.
- (3) 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.
- (4) 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
- (5) No fixed operations permitted.
- (6) Operation is subject to coordination prior to activation and, as appropriate, possible scheduling with Paulette Woody, pwoody@nrao.edu, (304) 456-2107, when used within 20 nautical miles of the National Radio Quiet Zone.
- (7) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number CRN315177W909MY-15-C-0031. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.