

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

EXPERIMENTAL

(Nature of Service)

WM2XAU

(Call Sign)

XC MO

(Class of Station)

0565-EX-CN-2021

(File Number)

NAME Leidos, Inc.

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: Temp. Fixed Ground Operations Bridgewater VA, within 0.2 km, centered around NL 38-21-44; WL 78-57-28

Frequency Information

MOBILE: Temp. Fixed Ground Operations Bridgewater VA, within 0.2 km, centered around NL 38-21-44; WL 78-57-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72 MHz	MO	25K0F3E	40 W (ERP)	
74.6 MHz	MO	25K0F3E	40 W (ERP)	
76 MHz	MO	25K0F3E	40 W (ERP)	
122.7 MHz	MO	25K0A3E	40 W (ERP)	

This authorization effective January 24, 2022 and
will expire 3:00 A.M. EST October 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temp. Fixed Ground Operations Bridgewater VA, within 0.2 km, centered around NL 38-21-44; WL 78-57-28

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
123.35 MHz	MO	25K0A3E	40 W (ERP)	
123.55 MHz	MO	25K0A3E	40 W (ERP)	
226.3 MHz	MO	25K0F1D	40 W (ERP)	
251.3 MHz	MO	25K0F1D	40 W (ERP)	
304.3 MHz	MO	25K0F1D	40 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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (4) Operation is subject to coordination prior to activation and, as appropriate, possible scheduling with the National Radio Quiet Zone (NRQZ) , when used within 20 nautical miles of the NRQZ.
- (5) 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 numbers: W15P7T-17-D-0103 and W15P7T-19-D0174. 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.
- (6) The designated point-of-contact to terminate transmissions if interference occurs are:
David M. West - (423) 836-8325
Clarence Simpson - (540) 831-0261
Scott St. John - (540) 383-9925