

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

EXPERIMENTAL

(Nature of Service)

WR9XXX

(Call Sign)

XC MO

(Class of Station)

0435-EX-ST-2021

(File Number)

NAME Leidos, 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 testing conducted by Leidos is a critical part of the manufacture and delivery of military systems provided to the Armed Forces in support of Homeland Security as well as war efforts.

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations Bridgewater VA, within 1 km, centered around NL 38-22-00; WL 78-57-37
- (2) MOBILE: Mobile Airborne Operations Around Bridgewater VA, within 10 km, centered around NL 38-22-00; WL 78-57-37

Frequency Information

MOBILE: Temporary Fixed Ground Operations Bridgewater VA, within 1 km, centered around NL 38-22-00; WL 78-57-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.9-8.025 GHz	MO	0M12F3D	35 W (ERP)	
8.5-8.9 GHz	MO	0M40F3D	35 W (ERP)	

This authorization effective April 29, 2021 and
will expire 3:00 A.M. EST October 30, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Mobile Airborne Operations Around Bridgewater VA, within 10 km, centered around NL 38-22-00; WL 78-57-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.9-8.025 GHz	MO	125KF3D	40 W (ERP)	
8.5-8.9 GHz	MO	400KF3D	40 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) Leidos, Inc. shall exclude the 8025 - 8500 MHz band due to HIA to federal earth stations.
- (4) Stop Buzzer POC is David M. West at (423) 836-8325 and Clarence Simpson at (540) 831-026.
- (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 number W15P7T-17-D-0103 . 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) 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.
- (7) 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.
- (8) No fixed operations permitted.