

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

EXPERIMENTAL

(Nature of Service)

WN9XMS

(Call Sign)

XT MO

(Class of Station)

1568-EX-ST-2018

(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 requested STA will authorize operation of a radio being developed by Leidos suitable for maritime data transfer applications, as well as an experimental radio, manufactured

Station Locations

- (1) MOBILE: Temporary Fixed Ground Operations Gulfport MS, within 8.05 km, centered around NL 30-19-50; WL 89-11-32
- (2) MOBILE: Gulf of Mexico, Mobile Operations on Vessel, within 92.6 km, centered around NL 29-35-45; WL 88-42-15

Frequency Information

MOBILE: Temporary Fixed Ground Operations Gulfport MS, within 8.05 km, centered around NL 30-19-50; WL 89-11-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4510-4700 MHz	MO	25K0G1D	2 W (ERP)	0.00015 %
4510-4700 MHz	MO	25K0G1D	2 W (ERP)	0.00015 %

This authorization effective October 18, 2018 and
will expire 3:00 A.M. EST December 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed Ground Operations Gulfport MS, within 8.05 km, centered around NL 30-19-50; WL 89-11-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5852-5872 MHz	MO	25K0G1D	1000 W (ERP)	0.00015 %
5852-5872 MHz	MO	25K0G1D	500 W (ERP)	0.00015 %

MOBILE: Gulf of Mexico, Mobile Operations on Vessel, within 92.6 km, centered around NL 29-35-45; WL 88-42-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4510-4700 MHz	MO	25K0G1D	16 W (ERP)	0.00015 %
4510-4700 MHz	MO	25K0G1D	2 W (ERP)	0.00015 %
5852-5872 MHz	MO	25K0G1D	1000 W (ERP)	0.00015 %
5852-5872 MHz	MO	25K0G1D	500 W (ERP)	0.00015 %

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, Inc. may contact Mr. James Arnold, at James.A.Arnold@dot.gov, should they wish to discuss additional mitigation factors or coordination efforts for the 5852 – 5872 MHz band.
- (4) Leidos, Inc. must be aware this is a one-time concurrence for the use of 5852-5872 MHz band, NTIA will object to future requests of this band.

Special Conditions:

- (5) This license SUPERSEDES the previously issued license with the same call sign and file number: adding Special Condition (4).