

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

EXPERIMENTAL

(Nature of Service)

WK9XHF

(Call Sign)

XT MO

(Class of Station)

1251-EX-ST-2016

(File Number)

NAME Center For Remote Sensing Of Ice Sheets

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 primary objectives of the project are to perform radar test measurements preparation for NASAs OIB (Operation ICE Bridge) program over the Antarctic ice sheets and Antarctic sea ice.

Station Locations

(1) MOBILE: Exact tracks are attached to the application.

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
165-215 MHz	MO	QXN	4200 W (ERP)	
2-8 GHz	MO	Q3N	1 W (ERP)	
12-18 GHz	MO	Q3N	12 W (ERP)	

This authorization effective September 26, 2016 and
will expire 3:00 A.M. EST October 19, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) The band 2208 - 2210 MHz must be notched to protect Commerce operations of GOES at Goldstone, California.
- (2) The following bands must be notched to protect NASA operations in the area:
2200 - 2310 MHz
2690 - 2700 MHz
4990 - 5000 MHz
15.35 - 15.4 GHz
- (3) The following bands must be notched to protect FAA operations in southern California:
2700-2900 MHz
7125-7250 MHz
7300-7875 MHz
- (4) All operations in the following bands need to be scheduled/coordinated/de-conflicted via WAFC within IFDS prior to operations.

2310 - 2395 MHz
4400 - 4940 MHz
5090 - 5150 MHz
5250 - 5850 MHz
7100 - 8000 MHz
12.00 - 12.20 GHz
14.00 - 14.84 GHz
15.15 - 15.35 GHz
- (5) Western Area Frequency Coordinator contact information.

DOD Western Area Frequency Coordinators

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