

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

EXPERIMENTAL

(Nature of Service)

WJ9XIY

(Call Sign)

XR MO

(Class of Station)

0105-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:

Research for Ice Study. This radar is used for remote sensing the snow thickness over sea ice. This is NRL (Naval Research Laboratory) contract number NNX13AQ30A.

Station Locations

- (1) MOBILE: Exact locations are submitted as an exhibit near Grand Junction, CO, within 30 km, centered around NL 38-27-57; WL 107-10-01

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-18 GHz	MO	16G0F3X	1 W (ERP)	

This authorization effective February 13, 2016 and
will expire 3:00 A.M. EST February 21, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) The following frequencies must be notched to protect critical communications circuits:
7165 MHz +/- 2 MHz; 7225 MHz +/- 2 MHz; 7333 MHz +/- 2 MHz
7395 MHz +/- 2 MHz; 7495 MHz +/- 2 MHz; 7585 MHz +/- 2 MHz
7675 MHz +/- 2 MHz; 7825 MHz +/- 2 MHz; 7735 MHz +/- 4 MHz
7555 MHz +/- 4 MHz; 7565 MHz +/- 15 MHz; 7790 MHz +/- 15 MHz
7830 MHz +/- 15 MHz; 8045 MHz +/- 15 MHz; 8125 MHz +/- 15 MHz
8195 MHz +/- 15 MHz; 8280 MHz +/- 15 MHz; 8485 MHz +/- 15 MHz
2730 MHz +/- 5 MHz; 2790 MHz +/- 5 MHz;
- (2) The following frequencies must be notched to protect critical communications circuits:
2730 MHz +/- 5 MHz; 2790 MHz +/- 5 MHz