

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

EXPERIMENTAL

(Nature of Service)

WI9XDX

(Call Sign)

XT MO

(Class of Station)

1119-EX-ST-2014

(File Number)

NAME CReSIS (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. This mission will be

**Station Locations**

(1) MOBILE: Exact locations are submitted as an exhibit

**Frequency Information**

MOBILE: Exact locations are submitted as an exhibit

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

**Special Conditions:**

- (1) CReSIS must notch out the following:
- 2690 - 2700 MHz band
  - 2700 - 2900 MHz band
  - 4990 - 5000 MHz band
  - 10680 - 10700 MHz band
  - 15350 - 15400 MHz band

This authorization effective March 02, 2015 and  
will expire 3:00 A.M. EST March 28, 2015

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



Special Conditions:

- (2) This radio system shall not be used for functional development beyond the scope of this Ice Sheet testing.