

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

EXPERIMENTAL

(Nature of Service)

WJ9XJA

(Call Sign)

XR MO

(Class of Station)

0106-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 purpose of this application is to request authorization from the FCC for CReSIS (Center for Remote Sensing of Ice Sheets) at the University of Kansas to operate aircraft-mounted radar

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 (+/-)
150-450 MHz	MO	300MQ3N	500 W (ERP)	
2-8 GHz	MO	6G00Q3N	1 W (ERP)	
12-18 GHz	MO	6G00Q3N	12 W (ERP)	

This authorization effective March 05, 2016 and
will expire 3:00 A.M. EST April 05, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) CReSIS must notch out the following:
 - a.156.5250 MHz
 - b.158.6000 MHz
 - c.161.9750 MHz
 - d.162.0250 MHz
 - e.165.2375 -165.3900 MHz band
 - f.165.7625 -166.0500 MHz band
 - g.166.4375 -166.6500 MHz band
 - h.169.3000 MHz
 - i.172.1500 MHz
 - j.172.7375 -172.9000 MHz
 - k.237.9000 MHz
 - l.243.0000 MHz
 - m.282.8000 MHz
 - n.326.1500 MHz
 - o.345.0000 MHz
 - p.379.0500 MHz
 - q.406.0000 - 406.1000 MHz band
 - r.408.825 MHz (+/- 12.5 kHz)
 - s.409.800 MHz (+/- 12.5 kHz)
 - t.410.300 MHz (+/- 12.5 kHz)
 - u.412.9250 - 413.6250 MHz band
 - v.414.6625 MHz (+/- 12.5 kHz)
 - w.419.025 MHz (+/- 12.5 kHz)
 - x.2600 - 2700 MHz band
 - y.2700 - 2900 MHz band
 - z.3700 - 4200 MHz band
 - aa.4990 - 5000 MHz band
 - bb.15350 - 15400 MHz band
- (2) CReSIS must coordinate with the Joint Frequency Management Office (JFMO) Alaska, Mr. Robert Craig, (907) 552-7183, robert.craig.12@us.af.mil prior to conducting operations to mitigate harmful interference to Navy assignments. CReSIS must also comply with any and all restrictions that may be levied by JFMO-Alaska.