

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

EXPERIMENTAL

(Nature of Service)

WH9XWS

(Call Sign)

XT MO

(Class of Station)

0836-EX-ST-2014

(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, within 69 km, centered around NL 35-08-26; WL 118-10-17

Frequency Information

MOBILE: Exact tracks are attached to the application, within 69 km, centered around NL 35-08-26; WL 118-10-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
165-215 MHz	MO	50M0Q3N	4000 W (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (2) CRSIS must coordinate with the Western Area Frequency Coordinator (WAFC) at 760-939-6948 prior to transmitting

This authorization effective October 05, 2014 and
will expire 3:00 A.M. EST October 12, 2014

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COMMISSION**



Special Conditions:

- (3) CRSIS must notch out the following +/- 6 MHz
 - a. 168.0250 MHz
 - b. 168.1750 MHz
 - c. 168.6250 MHz
 - d. 168.6500 MHz
 - e. 168.6750 MHz
 - f. 168.7750. MHz
 - g. 169.9500 MHz
 - h. 170.0750 MHz
 - i. 170.5750 MHz
 - j. 170.6000 MHz
 - k. 171.5000 MHz
 - l. 172.3500 MHz
 - m. 172.3700 MHz
 - n. 172.5125 MHz
- (4) CRSIS must not cause interference to AIS frequencies 161.9750 MHz and 162.0250 MHz
- (5) Stop buzzer Jawad Obaid, Center for Remote Sensing of Ice Sheets (CReSIS), The University of Kansas, Telephone: (785) 864-4655, jobaid@ku.edu must be available at all times during transmissions.