Justin Evers, 2335 Irving Road, Lawrence, KS 66045,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WH9XFX
(Nature of Service)	(Call Sign)
XR MO	0040-EX-ST-2014
(Class of Station)	(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. Test flights will be conducted in Colorado in preparation for deployment in the Arctic. This is NRL

Station Locations
(1) MOBILE: See Attached

Frequency Information

MOBILE: See Attached

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-8 GHz	MO	6G00F3X	1 W (ERP)	
12-18 GHz	MO	6G00F3X	2.51 W (ERP)	

This authorization effective March 06, 2014 and
will expire 3:00 A.M. EST March 11, 2014

FEDERAL COMMUNICATIONS COMMISSION

Special Conditions:

(1) CReSIS must notch out the following:
   a. 2730 MHz +/- 2.5 MHz
   b. 2790 MHz +/- 2.5 MHz
   c. 2855 MHz +/- 2.3 MHz
   d. 2885 MHz +/- 2.3 MHz
   e. 2690 MHz thru 2700 MHz
   f. 4990 MHz thru 5000 MHz
   g. 15350 MHz thru 15400 MHz

(2) The P.O.C. Mr. Justin Evers, 785-760-4893 must be available during all phases of transmissions to mitigate any interference that may be received by any number of microwave operations in the area.

(3) CReSIS should consider future test be limited to unpopulated areas or there be an indication that the test are below the Annex K(Part 15) values for UWB devices.