

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

EXPERIMENTAL

(Nature of Service)

WI9XWX

(Call Sign)

XT MO

(Class of Station)

0817-EX-ST-2015

(File Number)

NAME PEMDAS Technologies & Innovations

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:

This test is a proof of concept capability demonstration.

Station Locations

- (1) MOBILE: Old Navy runway northeast of the football field, Barrow, AK, within 250 km, centered around NL 71-17-44; WL 156-45-59
- (2) MOBILE: Chukchi and Barrow Seas, Barrow, AK, within 250 km, centered around NL 71-17-44; WL 156-45-59

Frequency Information

MOBILE: Old Navy runway northeast of the football field, Barrow, AK, within 250 km, centered around NL 71-17-44; WL 156-45-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	230KF1D	200 W (ERP)	1.5 %
2357.5 MHz	MO	16M0F9W	230 W (ERP)	5 %

This authorization effective August 19, 2015 and
will expire 3:00 A.M. EST September 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Old Navy runway northeast of the football field, Barrow, AK, within 250 km, centered around NL 71-17-44; WL 156-45-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2370.5 MHz	MO	16M0F9W	230 W (ERP)	5 %

MOBILE: Chukchi and Barrow Seas, Barrow, AK, within 250 km, centered around NL 71-17-44; WL 156-45-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1370-1390 MHz	MO	230KF1D	2 W (ERP)	1.5 %
2357.5 MHz	MO	16M0F9W	4 W (ERP)	5 %
2370.5 MHz	MO	16M0F9W	4 W (ERP)	5 %

Special Conditions:

- (1) PEMDAS Technologies must coordinate with the Installation Spectrum Manager, Elmendorf, MSgt Kenneth Harrison, (907) 552-6432 kenneth.harrison.3@us.af.mil or Chief Air Force Spectrum Manager, Mr. Larry Radel, (808) 449-4637 larry.radel@hickam.af.mil prior to conducting the test.