

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

EXPERIMENTAL

(Nature of Service)

WE9XYW

(Call Sign)

XT MO

(Class of Station)

0372-EX-ST-2011

(File Number)

NAME Johns Hopkins Applied Physics Laboratory

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 and Development in support of federal government operations, needs, and capabilities.

Station Locations

- (1) MOBILE: Johns Hopkins Applied Physics Lab, Laurel, MD, within 1.5 km, centered around NL 39-09-45; WL 76-53-59
- (2) MOBILE: Building 25, within 1.5 km, centered around NL 38-59-05; WL 76-51-00
- (3) MOBILE: Hangar 101, within 5 km, centered around NL 38-17-01; WL 76-25-03
- (4) MOBILE: Skyline Drive, within 5 km, centered around NL 38-39-35; WL 78-19-13
- (5) MOBILE: West of Thurmont, within 5 km, centered around NL 39-38-06; WL 77-29-51
- (6) MOBILE: Dolly Sods Wilderness, within 10 km, centered around NL 38-55-12; WL 79-31-27

Frequency Information

MOBILE: Johns Hopkins Applied Physics Lab, Laurel, MD, within 1.5 km, centered around NL 39-09-45; WL 76-53-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-406.2 MHz	MO	25K0F2D	4 W (ERP)	

This authorization effective August 08, 2011 and
will expire 3:00 A.M. EST February 09, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Building 25, within 1.5 km, centered around NL 38-59-05; WL 76-51-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-406.2 MHz	MO	25K0F2D	4 W (ERP)	

MOBILE: Hangar 101, within 5 km, centered around NL 38-17-01; WL 76-25-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-406.2 MHz	MO	25K0F2D	4 W (ERP)	

MOBILE: Skyline Drive, within 5 km, centered around NL 38-39-35; WL 78-19-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-406.2 MHz	MO	25K0F2D	4 W (ERP)	

MOBILE: West of Thurmont, within 5 km, centered around NL 39-38-06; WL 77-29-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-406.2 MHz	MO	25K0F2D	4 W (ERP)	

Frequency Information

MOBILE: Dolly Sods Wilderness, within 10 km, centered around NL 38-55-12; WL 79-31-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
406.1-406.2 MHz	MO	25K0F2D	4 W (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Future use of emissions greater than 12.5 kHz in the band 406.1-406.2 MHz may not be possible due to numerous federal assignments throughout the United States.