

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

EXPERIMENTAL

(Nature of Service)

WS9XRY

(Call Sign)

XT MO

(Class of Station)

1424-EX-ST-2021

(File Number)

NAME Persistent Systems, LLC

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:

Testing, demonstrations and proof-of-concept evaluation of data transmission system for the United States Coast Guard. Please see attached narrative.

Station Locations

- (1) MOBILE: U.S. Coast Guard RDC at New London, CT, within 32.1 km, centered around NL 41-20-45; WL 72-05-45

Frequency Information

MOBILE: U.S. Coast Guard RDC at New London, CT, within 32.1 km, centered around NL 41-20-45; WL 72-05-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2252 MHz	MO	20M0D1D	9.66 W (ERP)	
2277 MHz	MO	20M0D1D	96.6 W (ERP)	
4700 MHz	MO	20M0D1D	96.6 W (ERP)	

This authorization effective September 27, 2021 and
will expire 3:00 A.M. EST October 09, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Persistent Systems, LLC should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (3) Mobile operations in the 2200-2290 MHz frequency band shall be limited to Line of Sight operations only.
- (4) Persistent Systems, LLC is cautioned that multiple location use of this system may not be possible, and mobile operations in the 2200-2290 MHz frequency band shall not cause harmful interference to federal earth station operations outlined in Section 8.3.15 of the NTIA Manual
- (5) Persistent Systems, LLC is cautioned that using necessary bandwidths greater than 5 MHz in the 2200-2290 MHz band may not be possible, and Persistent Systems, LLC shall have no expectations that future requests for wideband operations in this frequency band will be approved.
- (6) Persistent Systems, LLC Stop Buzzer POC, Mr. Jose Garcia, 917-721-585, should be available, during any operations under the authorization of this STA.