

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

EXPERIMENTAL

(Nature of Service)

WQ9XPV

(Call Sign)

XT FX MO

(Class of Station)

0872-EX-ST-2020

(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 and evaluation of high speed data transmission system for United States Army. See attached narrative.

Station Locations

- (1) MOBILE: within 64.37 kilometers of specified coordinates, within 64.37 km, centered around NL 38-37-12; WL 75-09-00
- (2) Long Neck, DE - NL 38-36-36; WL 74-54-36

Frequency Information

MOBILE: within 64.37 kilometers of specified coordinates, within 64.37 km, centered around NL 38-37-12; WL 75-09-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4450 MHz	MO	10M0D1D	4.6 W (ERP)	0.0004 %
4950 MHz	MO	10M0D1D	4.6 W (ERP)	0.0004 %

This authorization effective June 29, 2020 and
will expire 3:00 A.M. EST August 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Long Neck, DE - NL 38-36-36; WL 74-54-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4450 MHz	FX	10M0D1D	1157 W (ERP)	0.0004 %
4950 MHz	FX	10M0D1D	1157 W (ERP)	0.0004 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Stop Buzzer POC: Mr. Jon Castelli at 410-598-4105.
- (4) Persistent Systems, LLC shall notch out the following:
 - a. 1357 MHz - Please coordinate with FAA via WebFCR for operations within the band 1370 -1390 MHz.
 - b. 2277 MHz