

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

EXPERIMENTAL

(Nature of Service)

WM9XVM

(Call Sign)

XT MO

(Class of Station)

0870-EX-ST-2018

(File Number)

NAME Equinox Innovative 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:

Purpose: Research and Development and technology demonstrations supporting disaster recovery cellular communications restoration by flying LTE pico cells and small cells as well as

Station Locations

- (1) MOBILE: 1700 Governor Bridge Rd Davidsonville MD, within 2 km, centered around NL 38-57-08; WL 76-41-16

Frequency Information

MOBILE: 1700 Governor Bridge Rd Davidsonville MD, within 2 km, centered around NL 38-57-08; WL 76-41-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-894 MHz	MO	20M0D7W	57.8 W (ERP)	1 %

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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.

This authorization effective September 13, 2018 and
will expire 3:00 A.M. EST March 13, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Prior to commencing any operations, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - o700 MHz licensees (698-758 MHz and 775-788 MHz)
 - oSMR licensees (809-824 MHz/854-869 MHz)
 - oB/ILT licensees (809-824 MHz/854-869 MHz)
- (4) The use of Cellular spectrum (824-849 MHz/869-894 MHz) for airborne operations is not allowed (Rule section 22.925)
- (5) Licensee shall not operate in the 700 MHz Firstnet bands 758-769 MHz and 788-799 MHz