

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

EXPERIMENTAL

(Nature of Service)

WL9XVS

(Call Sign)

XT MO

(Class of Station)

1349-EX-ST-2017

(File Number)

NAME Space Exploration Technologies Corp. (SpaceX)

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:

Experimental first-stage recovery operation for SpaceX Mission 1339. Transmitting stations located offshore.

Station Locations

- (1) MOBILE: Launch vehicle stage 1 landing site, within 10 km, centered around NL 32-29-07; WL 120-03-53

Frequency Information

MOBILE: Launch vehicle stage 1 landing site, within 10 km, centered around NL 32-29-07; WL 120-03-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4225 MHz	MO	40M0F3N	1 mW (ERP)	0.0005 %

Special Conditions:

- (1) The radar is not in compliance with frequency allocation rules, since it is within the radio altimeter band (4200-4400 MHz) further development of this system will require a different band.
- (2) Mission must be scheduled with the range prior to any transmission and must include a POC to answer any questions.

This authorization effective October 04, 2017 and will expire 3:00 A.M. EST April 04, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**

