

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

EXPERIMENTAL

(Nature of Service)

WJ9XFQ

(Call Sign)

XT FX MO

(Class of Station)

0771-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 1370. Transmitting stations located on Port Canaveral, Cape Canaveral AFS and offshore.

Station Locations

- (1) Cape Canaveral AFS (BREVARD), FL - NL 28-29-11; WL 80-32-51
- (2) MOBILE: BOAT, within 10 nautical miles, within 18.52 km, centered around NL 28-15-34; WL 74-07-23
- (3) MOBILE: Autonomous Drone Ship, within 10 nautical miles, within 18.52 km, centered around NL 28-15-34; WL 74-07-23

Frequency Information

Cape Canaveral AFS (BREVARD), FL - NL 28-29-11; WL 80-32-51

| Frequency | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------|---------------|---------------------|------------------|---------------------------|
| 2090 MHz | FX | 800KG1D | 3 W (ERP) | 0.00003 % |

This authorization effective July 05, 2017 and will expire 3:00 A.M. EST January 05, 2018

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COMMISSION**



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| 2090 MHz | MO | 800KG1D | 3 W (ERP) | |

Special Conditions:

- (1) 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.
- (2) All operations shall be limited to the experimental first-stage recovery operation, following a Falcon 9 launch from Cape Canaveral. Operations under the authorization of this STA are limited to the TC uplink, transmitting from an offshore boat/autonomous drone ship and/or onshore station at Cape Canaveral AFS (CCAFS). This includes pre-launch check-out operations at Port Canaveral and/or CCAFS as pre-coordinated with the launch Range 3. Prior to transmitting at CCAFS, Florida, SpaceX shall coordinate and schedule their operations with Range Scheduling, COMM: (321)- 853-5941, email: 1ropschd@us.af.mil, Jamie Bjornbak (James.P.Bjornbak@nasa.gov, 321.867.6905, NASA KSC SMO), and Scott Galbraith (vincent.s.galbraith@nasa.gov, 301-286-5089, NASA GSFC SMO).