Brandi Sippel, SpaceX, 1 Rocket Road, Hawthorne, CA 90250,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WJ9XFQ
(Nature of Service)	(Call Sign)
XT FX MO	0121-EX-ST-2017
(Class of Station)	(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 F9-35. 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 28-13-48; WL 73-40-51
(3) MOBILE: Autonomous Drone Ship, within 10 nautical miles, within 18.52 km, centered around NL 28-13-48; WL 73-40-51

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	126 W (ERP)	

This authorization effective March 01, 2017 and will expire 3:00 A.M. EST September 01, 2017

FEDERAL COMMUNICATIONS COMMISSION

Frequency Information

MOBILE: BOAT, within 10 nautical miles, within 18.52 km, centered around NL 28-13-48; WL 73-40-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2090 MHz	MO	800KG1D	61 W (ERP)	

MOBILE: Autonomous Drone Ship, within 10 nautical miles, within 18.52 km, centered around NL 28-13-48; WL 73-40-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2090 MHz	MO	800KG1D	1 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 SpaceX operations granted on an experimental basis shall be on an unprotected, non-interference basis to authorized federal stations.

(3) All operations shall be limited to the TC uplink transmitting from an offshore boat/autonomous drone ship and/or onshore station at CCAFS an onshore station at CCAFS that covers the first-stage recovery operation for F9-35 mission, following a Falcon 9 launch from Cape Canaveral. This includes pre-launch check-out operations at Port Canaveral and/or CCAFS as pre-coordinated with the launch Range. This STA will expire as soon as the l first-stage recovery operation for the F9-35 mission has been completed (currently planned for no earlier than 1 March 2017) or 1 Sep 2017, whichever occurs first.

(4) Prior to transmitting at Cape Canaveral AFS, Florida, SpaceX shall coordinate and schedule their operations with Range Scheduling, COMM: (321)- 853-5941, email: 1ropschd@us.af.mil, Ashley Stockbridge (ashley.n.stockbridge@nasa.gov, 321.867.0218, NASA KSC SMO), and Scott Galbraith (vincent.s.galbraith@nasa.gov, 301-286-5089, NASA GSFC SMO).