Kristi Key, 1 Rocket Road, Hawthorne, CA 90250,

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WG9XHP
(Nature of Service)	(Call Sign)
XT FX MO	1281-EX-ST-2020
(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 SpaceX Mission 1457.

Station Locations

(1) Cape Canaveral (BREVARD), FL - NL 28-29-11; WL 80-32-51
(2) MOBILE: BOAT, within 40.5 nautical miles, within 75 km, centered around NL 32-45-00; WL 76-04-30
(3) MOBILE: Autonomous Drone Ship, within 40.5 nautical miles, within 75 km, centered around NL 32-45-00; WL 76-04-30

Frequency Information

Cape Canaveral (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)	0.000225 %

This authorization effective September 23, 2020 and will expire 3:00 A.M. EST March 24, 2021

FEDERAL COMMUNICATIONS COMMISSION

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Special Conditions:

(1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.

(2) The STOP BUZZER POC information for launch operations shall be provided to NTIA (bmitchell@ntia.doc.gov). This phone shall be manned 24/7.

(3) All operations shall be limited to pre-launch checkout test of the command uplink from an onshore station at launch site and experimental first-stage recovery operation for SpaceX Mission 1457.

(4) 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) and provide a copy of FCC license to the 45th Space Wing Spectrum Management Office, (321)-853-8408, email: 45sw.erfmo@us.af.mil with Cc'ing DoD EAFC (321)-853-8426 at 45sw.dodeafc@us.af.mil.

(5) In the event that any changes occur to the mission's parameters, SpaceX provide updated documentation and parameters to be submitted NLT 60 days prior to launch to the Naval Surface Warfare Center, Dahlgren Division (NSWCDD). In the event that these changes result in any potential harmful interference to Navy and DoD operations, SpaceX must comply with any and all restrictions that may be levied by the Naval Surface Warfare Center, Dahlgren Division. The primary contacts for frequency coordination:
a.Mr. James Moneyhon, (540) 653-3477- james.moneyhon@navy.mil, Mr. A. Jason Verdugo, (540) 653-9590 – Anthony.J.Verdugo@navy.mil, and/or Mr. Phillip B. Scyphers, (540) 653-6071 – Phillip.scyphers@navy.mil. Group email box: W_DLGR_NSWC_FTMA_FM@navy.mil.