

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

EXPERIMENTAL

(Nature of Service)

W12XUB

(Call Sign)

XT FX

(Class of Station)

1943-EX-ST-2019

(File Number)

NAME Space Exploration Technologies

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:  
Spacecraft communication

Station Locations

- (1) Kodiak (Kodiak Island), AK - NL 57-47-27; WL 152-24-21
- (2) Inarajan, GU - NL 13-16-56; EL 144-45-19

Frequency Information

Kodiak (Kodiak Island), AK - NL 57-47-27; WL 152-24-21

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2040.5675 MHz	FX	5K60G1D	5400 W (ERP)	0.00003 %

This authorization effective December 04, 2019 and will expire 3:00 A.M. EST May 27, 2020

**FEDERAL  
COMMUNICATIONS  
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## Frequency Information

Inarajan, GU - NL 13-16-56; EL 144-45-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2040.5675 MHz	FX	5K60G1D	5400 W (ERP)	0.00003 %

## Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) All operations shall be limited to the TC uplink to spacecraft for the Dragon1 Mission 1407 to the ISS. This STA will expire as soon as the Dragon1 Mission 1407 has been completed or 27 May 2020, whichever occurs first.
- (4) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference.
- (5) This authorization is without prejudice to any determination that may be made regarding pending or future experimental satellite earth station applications.
- (6) Prior to transmitting at Kodiak, Kodiak Island, AK, SpaceX shall coordinate their operations with JFMOAK, Phone: 317-552-8223, Email: <mailto:AFC-JFMOAK@US.AF.MIL>.
- (7) SpaceX must coordinate with the Naval Surface Warfare Center, Dahlgren Division (NSWCDD), Mr. James Moneyhon, (540)653-3477, or <mailto:james.moneyhon@navy.mil>, a minimum of 24 hours prior to any operations, to mitigate harmful interference to Navy and Marine Corps operations. The launch vehicle provider must also comply with any and all restrictions that may be levied by the Naval Surface Warfare Center, Dahlgren Division (NSWCDD).
- (8) The STOP BUZZER POC information, for launch operations shall be provided to NTIA (<mailto:bmitchell@ntia.doc.gov>). This phone shall be manned 24/7.