

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

EXPERIMENTAL

(Nature of Service)

W12XUB

(Call Sign)

XT FX

(Class of Station)

0556-EX-ST-2019

(File Number)

NAME Space Explorations 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 57-27-18; WL 152-22-25
- (2) Inarajan, GU - NL 13-16-56; EL 144-45-19

Frequency Information

Kodiak (Kodiak Island), AK - NL 57-27-18; WL 152-22-25

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

This authorization effective April 25, 2019 and will expire 3:00 A.M. EST October 25, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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; information, www.sbe.org.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) This STA is limited to command operations for a single Dragon spacecraft mission to the International Space Station (ISS), scheduled to launch no earlier than 25 April 2019. This STA expires as soon as the Dragon capsule completes its re-entry/splashdown operation or 25 October 2019, whichever occurs first. Any future missions shall submit new applications to the FCC to be re-coordinated with the NTIA.
- (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.