

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

EXPERIMENTAL

(Nature of Service)

WK2XPQ

(Call Sign)

XT FX

(Class of Station)

0726-EX-ST-2020

(File Number)

NAME The MITRE Corporation

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:

Since launch, the Meshbed satellite operator Analytical Space, Inc. (ASI) has failed to make contact with the satellite through use of the primary TT&C ground station operated by RBC

Station Locations

(1) Bedford (MIDDLESEX), MA - NL 42-30-19; WL 71-14-05

Frequency Information

Bedford (MIDDLESEX), MA - NL 42-30-19; WL 71-14-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.24-401.36 MHz	FX	114KG1D	2540.97 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (3) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.

This authorization effective May 20, 2020 and
will expire 3:00 A.M. EST June 21, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The stop buzzer POC is Jamie Hill at (507) 456-9347 or (781) 271-2186.
- (5) All operations are limited to communications with the MESHBED CubeSat (International Designation 2019-081C or NORAD Catalog Number 44806).
- (6) All operations shall be coordinated with the NASA JSC Spectrum Office (JSC-DL-Spectrum-Management@mail.nasa.gov), at least 7 days in advance of operation.