

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

EXPERIMENTAL

(Nature of Service)

WQ9XTG

(Call Sign)

XT MO

(Class of Station)

1089-EX-ST-2020

(File Number)

NAME Sceye

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:

Flight testing of two funded airship platforms are planned. Airships will ascend from ground level and operate at a nominal cruise altitude of 60,000 to 65,000 ft. The first flight is scheduled for

Station Locations

(1) MOBILE: Moriarty, NM, within 242 km, centered around NL 34-59-01; WL 106-00-43

Frequency Information

MOBILE: Moriarty, NM, within 242 km, centered around NL 34-59-01; WL 106-00-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1443.67-1445.33 MHz	MO	1M66F1D	30.6 W (ERP)	0.0005 %
1500.67-1502.33 MHz	MO	1M66F1D	3.9 W (ERP)	0.0005 %
1519.67-1521.33 MHz	MO	1M66F1D	30.6 W (ERP)	0.0005 %

This authorization effective August 05, 2020 and
will expire 3:00 A.M. EST January 26, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Moriarty, NM, within 242 km, centered around NL 34-59-01; WL 106-00-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2367-2387 MHz	MO	18M0D1D	636 W (ERP)	0.0015 %

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) Non-interference basis to DoD and commercial flight test operations already licensed within radio line-of-sight. Scheduling will be required prior to operations.
- (4) Operations must be scheduled with the DoD-AFC (WSMR) office, at least 96 hours prior to operation, via e-mail to usarmy.wsmr.imcom-central.list.dodaafc@mail.mil
- (5) Air-Ground data link for frequency 2377.0 MHz. Non-interference basis to current authorized/licensed users within radio line of light. Experimental and testing only, operational use not approved for requested frequency. Please note that AFTRCC will NOT consider favorable coordination for this device/platform in the Aeronautical Mobile Telemetry (AMT) band.
- (6) Frequency assignment(s) in the bands of 1435-1525 MHz and 2360-2395 MHz must be coordinated prior to authorization with the Area Frequency Coordinator (AFC), who also coordinates, as appropriate, with Aerospace and Flight Test Radio Coordinating Council. Use of these frequencies under the authority is subject to such further coordination with the AFC to ensure compatibility with existing users.
- (7) Operations are non-interference basis to Flight Test telemetry and Air Force Spectrum Dependent System.