

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

EXPERIMENTAL

(Nature of Service)

WK9XFX

(Call Sign)

XT MO

(Class of Station)

1072-EX-ST-2016

(File Number)

NAME Fugro Geospatial, Inc.

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:

GeoSAR system maintenance and calibration to keep the system operationally ready for DoD tasking, which is our perpetual duty under our dual-use agreement.

Station Locations

- (1) MOBILE: Vicinity of Black Rock Desert, Nevada, within 100 km, centered around NL 40-51-30; WL 119-07-00

Frequency Information

MOBILE: Vicinity of Black Rock Desert, Nevada, within 100 km, centered around NL 40-51-30; WL 119-07-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
270-328 MHz	MO	NON	20 kW (ERP)	
336-406 MHz	MO	NON	20 kW (ERP)	
406.1-419 MHz	MO	NON	20 kW (ERP)	

This authorization effective August 22, 2016 and
will expire 3:00 A.M. EST February 08, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Vicinity of Black Rock Desert, Nevada, within 100 km, centered around NL 40-51-30; WL 119-07-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.63-9.79 GHz	MO	NON	2 MW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The following frequencies must be notched to protect National Weather Service operations:

M410.075 +/- 12.5 KHz
M415.9 +/- 8 KHz
M410.1 +/- 8 KHz
- (4) Operation is NOT PERMITTED using the frequency band from 406-406.1 MHz. Fugro does not indicate bandwidth in their request and should be reminded that bandwidth overlap will not be permitted.
- (5) Operation is NOT PERMITTED using the frequency band 419-430 MHz.
- (6) The below frequencies are used for Aircraft Emergency and SAR and must be protected from any possible interference.

M243.0000 +/- 6 KHz
M282.8000 +/- 6 KHz
- (7) The following frequencies must not be utilized due to Safety of Flight concerns for Coast Guard aircraft:

M237.9000 +/- 6KHz
M345.0000 +/- 6KHz
M326.1500 +/- 6KHz
M379.0500 +/- 6KHz
- (8) The following frequencies must not be utilized in order to protect FAA operations in the area:

413.6 and 410.25 MHz (+/-25 kHz).
- (9) Fugro should avoid Annex A channels in 270-328 MHz and 336-390 MHz, per guidance from FCC.

Special Conditions:

(10) Fugro must notch out notch out the following frequencies:

364.3000 MHz +/- 6 KHz

380.6375 MHz +/- 6 KHz

381.1125 MHz +/- 6 KHz

381.8375 MHz +/- 6 KHz

390.6375 MHz +/- 6 KHz

391.1125 MHz +/- 6 KHz

391.8375 MHz +/- 6 KHz

(11) Fugro has not provided a STOP Buzzer point of contact, therefore NTIA will utilize Mark Sanford, 301-948-8550, msanford@fugro.com, as point of contact for all interference issues. This point of contact must be available during any and all operations under this Special Temporary Authorization (STA).