

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

EXPERIMENTAL

(Nature of Service)

WD9XBJ

(Call Sign)

XT FX MO

(Class of Station)

0328-EX-ST-2007

(File Number)

NAME Mustang Technology Group, LP

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:

The purpose of the operation is to collect sea clutter data to prove out an algorithm suite to be used in the development of an airborne sea surveillance radar funded by the US Government.

Station Locations

- (1) Lake Texhoma, TX - NL 33-53-21; WL 96-38-34; MOBILE: Lake Texoma, TX, within 120 km, centered around NL 33-53-21; WL 96-38-34
- (2) MOBILE: Galveston, TX, within 40 km, centered around NL 29-18-23; WL 94-48-20

Frequency Information

Lake Texhoma, TX - NL 33-53-21; WL 96-38-34; MOBILE: Lake Texoma, TX, within 120 km, centered around NL 33-53-21; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5000-6000 MHz	MO	50M0F3N	75 W (ERP)	

This authorization effective October 10, 2007 and
will expire 3:00 A.M. EST April 11, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Galveston, TX, within 40 km, centered around NL 29-18-23; WL 94-48-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5000-6000 MHz	MO	50M0F3N	75 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) Required notching of the band 5600-5650 MHz and 5197.5-5202.5 MHz at Texhoma, TX to protect FAA operations.
- (4) Operation is subject to prior coordination with Fixed Microwave licensees in the 5925 - 6000 MHz