

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

EXPERIMENTAL

(Nature of Service)

WH9XOH

(Call Sign)

XT FX

(Class of Station)

0347-EX-ST-2014

(File Number)

NAME The BOEING Company

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:

This requirement supports Line Of Sight data link communication testing during flight test. Communication with the MSA aircraft will be via a Sea Lancet ground station.

Station Locations

(1) Kent (KING), WA - NL 47-25-08; WL 122-15-11

Frequency Information

Kent (KING), WA - NL 47-25-08; WL 122-15-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2269.5 MHz	FX	19M4W7D	1532 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.

This authorization effective May 29, 2014 and
will expire 3:00 A.M. EST November 02, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) The designated point-of-contact to terminate transmissions if interference occurs is Phil Tsiang (253) 657-8218, Mark Poad (253) 657-8265, Tom Ott (253) 657-7934 and Jahn Goede (206) 544-2543.
- (4) Due to interference into NASA TDRS spacecraft's space-to-space link NASA requires that transmissions be disabled within +/- 48.0 degrees in the east-west direction of the geostationary TDRS locations at 46W, 49W, 62W, 164.2W, 167.5W, 150W, 171W, and 174W.
- (5) NASA would be reluctant to concur with any additional operations of this type since it is NIAW the Table of Allocations and it presents a high potential for harmful interference to critical TDRS links.
- (6) The Department of Justice concurs with the test from June 1st thru July 1st, 2014 and request re-coordination with the following POC's on a month to month basis to ensure that the spectrum is free to use from July 1st thru November 1st, 2014.

- a. Carolyn Thomas, Email: carolyn.j.thomas@usdoj.gov,
571-468-9187
- b. Quan Vu, Email: quan.vu@usdoj.gov, 571-468-9858
- c. Julio Laguardia, Email: Julio.A.Laguardia@usdoj.gov, 571-468-9111
- d. Lorrie Stoltz, Email: Lorrie.Stoltz@ic.fbi.gov, 703-985-6705