

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XLO

(Call Sign)

0694-EX-PL-2014

(File Number)

NAME The BOEING Company

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

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.
- (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.

This authorization effective January 28, 2015 and
will expire 3:00 A.M. EST February 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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 request re-coordination with the following POC's on a month to month basis to ensure that the spectrum is free to use.
 - 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