

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

EXPERIMENTAL

(Nature of Service)

KB2XSY

(Call Sign)

XD FX MO

(Class of Station)

0314-EX-RR-2011

(File Number)

NAME Boeing Company, The

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(g) of the Commission's Rules

Station Locations

- (1) SEATTLE (KING), WA - NL 47-31-50; WL 122-18-40
- (2) MOBILE: Seattle, WA, within 804 km, centered around NL 47-31-50; WL 122-18-40

Frequency Information

SEATTLE (KING), WA - NL 47-31-50; WL 122-18-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	200KG7W	950 W (ERP)	
		200KD7W		
		40K0D1W		
		8K40G1D		
		1K68G1D		
		10K5G1D		
		21K0G1D		
		840HG1D		
		25K0G1W		
		25K0G7W		
		50K0G1W		
		50K0G7W		
		50K0D1W		
		50K0D7W		

This authorization effective December 01, 2011 and
will expire 3:00 A.M. EST November 24, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

SEATTLE (KING), WA - NL 47-31-50; WL 122-18-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	100KG1W 100KG7W 100KD1W 100KD7W 200KG1W 200KD1W	950 W (ERP)	

MOBILE: Seattle, WA, within 804 km, centered around NL 47-31-50; WL 122-18-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	MO	200KG7W 200KD7W 40K0D1W 8K40G1D 1K68G1D 10K5G1D 21K0G1D 840HG1D 200KG1W 200KD1W 25K0G1W 25K0G7W 50K0G1W 50K0G7W 50K0D1W 50K0D7W 100KG1W 100KG7W 100KD1W 100KD7W	950 W (ERP)	

Special Conditions:

- (1) Prior to operation of this experimental earth station with any INMARSAT satellite system, the satellite service provider must obtain an appropriate authorization from the International Bureau of the Federal Communications Commission.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.