

**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)

0090-EX-ML-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 (+/-)
1626.50000000-1660.50000000 MHz	FX		950.000000 W (ERP)	
		200KG7W		
		200KD7W		
		40K0D1W		
		8K40G1D		
		1K68G1D		
		10K5G1D		
		21K0G1D		
		840HG1D		
		25K0G1W		
		25K0G7W		
		50K0G1W		
		50K0G7W		
		50K0D1W		
		50K0D7W		

This authorization effective April 26, 2011 and
will expire 3:00 A.M. EST December 01, 2011

**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 (+/-)
1626.50000000-1660.50000000 MHz	FX		950.000000 W (ERP)	
		100KG1W		
		100KG7W		
		100KD1W		
		100KD7W		
		200KG1W		
		200KD1W		

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 (+/-)
1626.50000000-1660.50000000 MHz	MO		950.000000 W (ERP)	
		200KG7W		
		200KD7W		
		40K0D1W		
		8K40G1D		
		1K68G1D		
		10K5G1D		
		21K0G1D		
		840HG1D		
		200KG1W		
		200KD1W		
		25K0G1W		
		25K0G7W		
		50K0G1W		
		50K0G7W		
		50K0D1W		
		50K0D7W		
		100KG1W		
		100KG7W		
		100KD1W		
		100KD7W		

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) 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.