

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

KB2XSY

(Call Sign)

0250-EX-RR-2001

(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. 5.202(g) of the Commission's Rules

Station Locations

- (1) SEATTLE (KING), WA - NL 47-31-50; WL 122-18-40
- (2) SEATTLE (KING), WA - NL 47-30-15; WL 122-17-30; MOBILE:within 804 km
- (3) EVERETT (SNOHOMISH), WA - NL 47-55-39; WL 122-16-29
- (4) RENTON (KING), WA - NL 47-29-54; WL 122-12-00

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	10K5G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	1K68G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	21K0G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	3K36G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	4K80G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	6K00G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	840HG1D	60 W (Output Power)	0.005 %

SEATTLE (KING), WA - NL 47-30-15; WL 122-17-30; MOBILE:within 804 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	10K5G1D	60 W (Output Power)	0.005 %

This authorization effective December 01, 2001 and
will expire 3:00 A.M. EST December 01, 2003

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

SEATTLE (KING), WA - NL 47-30-15; WL 122-17-30; MOBILE:within 804 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	1K68G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	21K0G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	3K36G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	4K80G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	6K00G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	840HG1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	10K5G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	1K68G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	21K0G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	3K36G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	4K80G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	6K00G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	MO	840HG1D	60 W (Output Power)	0.005 %

EVERETT (SNOHOMISH), WA - NL 47-55-39; WL 122-16-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	10K5G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	1K68G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	21K0G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	3K36G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	4K80G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	6K00G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	840HG1D	60 W (Output Power)	0.005 %

RENTON (KING), WA - NL 47-29-54; WL 122-12-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	10K5G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	1K68G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	21K0G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	3K36G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	4K80G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	6K00G1D	60 W (Output Power)	0.005 %
1626.5-1660.5 MHz	FX	840HG1D	60 W (Output Power)	0.005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.