

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

EXPERIMENTAL

(Nature of Service)

KM2XDY

(Call Sign)

XD FX MO

(Class of Station)

0045-EX-RR-2004

(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) Long Beach (LOS ANGELES), CA - NL 33-49-43; WL 118-09-09; MOBILE:within 804.65 km

Frequency Information

Long Beach (LOS ANGELES), CA - NL 33-49-43; WL 118-09-09; MOBILE:within 804.65 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	FX	10K0G1D	950 W (ERP)	
1626.5-1660.5 MHz	FX	1K68G1D	950 W (ERP)	
1626.5-1660.5 MHz	FX	21K0G1D	950 W (ERP)	
1626.5-1660.5 MHz	FX	21K0G1E	950 W (ERP)	
1626.5-1660.5 MHz	FX	21K0G1W	950 W (ERP)	
1626.5-1660.5 MHz	FX	3K36G1D	950 W (ERP)	
1626.5-1660.5 MHz	FX	4K80G1D	950 W (ERP)	
1626.5-1660.5 MHz	FX	6K00G1D	950 W (ERP)	
1626.5-1660.5 MHz	FX	840HG1D	950 W (ERP)	
1626.5-1660.5 MHz	MO	10K0G1D	950 W (ERP)	
1626.5-1660.5 MHz	MO	1K68G1D	950 W (ERP)	
1626.5-1660.5 MHz	MO	21K0G1D	950 W (ERP)	
1626.5-1660.5 MHz	MO	21K0G1E	950 W (ERP)	
1626.5-1660.5 MHz	MO	21K0G1W	950 W (ERP)	
1626.5-1660.5 MHz	MO	3K36G1D	950 W (ERP)	

This authorization effective June 01, 2004 and
will expire 3:00 A.M. EST June 01, 2006

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Long Beach (LOS ANGELES), CA - NL 33-49-43; WL 118-09-09; MOBILE:within 804.65 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1626.5-1660.5 MHz	MO	4K80G1D	950 W (ERP)	
1626.5-1660.5 MHz	MO	6K00G1D	950 W (ERP)	
1626.5-1660.5 MHz	MO	840HG1D	950 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) POINT OF COMMUNICATION: INMARSAT Satellite
- (4) 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.