

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WF2XSS

(Call Sign)

0158-EX-RR-2013

(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(g) of the Commission's Rules

Station Locations

(1) Ocean Shores (GRAYS HARBOR), WA - NL 47-09-40; WL 124-11-38

Frequency Information

Ocean Shores (GRAYS HARBOR), WA - NL 47-09-40; WL 124-11-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150 MHz	FX	NON	40 W (ERP)	
430 MHz	FX	NON	40 W (ERP)	
800 MHz	FX	NON	40 W (ERP)	
882 MHz	FX	NON	40 W (ERP)	

This authorization effective June 30, 2013 and
will expire 3:00 A.M. EST July 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Ocean Shores (GRAYS HARBOR), WA - NL 47-09-40; WL 124-11-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1247 MHz	FX	N0N	40 W (ERP)	
1288.5 MHz	FX	N0N	40 W (ERP)	
1340 MHz	FX	N0N	40 W (ERP)	
2144 MHz	FX	N0N	40 W (ERP)	
2798 MHz	FX	N0N	40 W (ERP)	
2845 MHz	FX	N0N	40 W (ERP)	
3000 MHz	FX	N0N	40 W (ERP)	
4950 MHz	FX	N0N	40 W (ERP)	
5400 MHz	FX	N0N	40 W (ERP)	
5500 MHz	FX	N0N	40 W (ERP)	

Frequency Information

Ocean Shores (GRAYS HARBOR), WA - NL 47-09-40; WL 124-11-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5563 MHz	FX	N0N	40 W (ERP)	
6630 MHz	FX	N0N	40 W (ERP)	
7995 MHz	FX	N0N	40 W (ERP)	
9336 MHz	FX	N0N	40 W (ERP)	
9337 MHz	FX	N0N	40 W (ERP)	
9960 MHz	FX	N0N	40 W (ERP)	
10060 MHz	FX	N0N	40 W (ERP)	
10200 MHz	FX	N0N	40 W (ERP)	
10500 MHz	FX	N0N	40 W (ERP)	
13135 MHz	FX	N0N	40 W (ERP)	

Frequency Information

Ocean Shores (GRAYS HARBOR), WA - NL 47-09-40; WL 124-11-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15000 MHz	FX	N0N	40 W (ERP)	
16110 MHz	FX	N0N	40 W (ERP)	
19000 MHz	FX	N0N	40 W (ERP)	
35000 MHz	FX	N0N	40 W (ERP)	

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) Licensee must get consent from the Advanced Wireless Service and Fixed Microwave licensees prior to operation.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Victoria Habas at (503) 890-2213 and Clarke Manning at (253) 653-0673.
- (6) For discrete frequencies that are within radar bands: 1215-1400 MHz, 2700-2900 MHz, 15.7-16.2 GHz, transmission is limited between 180 and 340 degrees referenced to true north and toward the Pacific Ocean.
- (7) This frequency assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900 or 9000-9200 MHz was coordinated prior to authorization with the FAA Northwest Coordinator, Seattle, Washington. Use of this frequency or band under the authority of this assignment is subject to such further coordination with the FAA Northwest Coordinator, Seattle, Washington, as necessary to ensure compatibility with existing uses.
- (8) The signal generator will be set up within 8 km of these coordinates with antenna pointing seaward toward an orbiting aircraft simulating electronic support measure.