

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

EXPERIMENTAL

(Nature of Service)

WG2XNR

(Call Sign)

XT FX MO

(Class of Station)

0173-EX-ML-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(i) of the Commission's Rules

Station Locations

- (1) China Lake (KERN), CA - NL 35-41-22; WL 117-41-15; MOBILE: China Lake, CA, within 600 km, centered around NL 35-41-22; WL 117-41-15
- (2) Yuma (YUMA), AZ - NL 32-39-13; WL 114-36-06; MOBILE: Yuma, AZ, within 600 km, centered around NL 32-39-13; WL 114-36-06
- (3) Honolulu (HONOLULU), HI - NL 21-20-35; WL 157-57-42; MOBILE: Honolulu, HI, within 600 km, centered around NL 21-20-35; WL 157-57-42

Frequency Information

China Lake (KERN), CA - NL 35-41-22; WL 117-41-15; MOBILE: China Lake, CA, within 600 km, centered around NL 35-41-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-10 GHz	MO	492MQ3N 550MQ3N 20M5Q3N 80M0P0N	1.932797 MW (ERP)	
9.45-10 GHz	FX	550MQ3N 492MQ3N 20M5Q3N	1.932797 MW (ERP)	

This authorization effective October 31, 2013 and
will expire 3:00 A.M. EST July 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

China Lake (KERN), CA - NL 35-41-22; WL 117-41-15; MOBILE: China Lake, CA, within 600 km, centered around NL 35-41-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-10 GHz	FX	80M0P0N	1.932797 MW (ERP)	

Yuma (YUMA), AZ - NL 32-39-13; WL 114-36-06; MOBILE: Yuma, AZ, within 600 km, centered around NL 32-39-13; WL 114-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-10 GHz	MO	550MQ3N 492MQ3N 20M5Q3N 80M0P0N	1.932797 MW (ERP)	
9.45-10 GHz	FX	20M5Q3N 550MQ3N 492MQ3N 80M0P0N	1.932797 MW (ERP)	

Honolulu (HONOLULU), HI - NL 21-20-35; WL 157-57-42; MOBILE: Honolulu, HI, within 600 km, centered around NL 21-20-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-10 GHz	MO	550MQ3N 492MQ3N 20M5Q3N 80M0P0N	1.932797 MW (ERP)	
9.45-10 GHz	FX	80M0P0N 20M5Q3N 492MQ3N	1.932797 MW (ERP)	

Frequency Information

Honolulu (HONOLULU), HI - NL 21-20-35; WL 157-57-42; MOBILE: Honolulu, HI, within 600 km, centered around NL 21-20-3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.45-10 GHz	FX	550MQ3N	1.932797 MW (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) 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) Prior to activation, licensee must coordinate with Western Area Frequency Coordinator 760-939-6948.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Phil Tsiang at (253) 657-8218, Shashi Sanzgiri (253) 657-7509 and Jahn Goede (206) 544-2543.
- (5) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to Navy assignments.