

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

EXPERIMENTAL

(Nature of Service)

XR FX MO

(Class of Station)

WD2XND

(Call Sign)

0050-EX-RR-2015

(File Number)

NAME Bigelow Aerospace, LLC

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(c) of the Commission's Rules

Station Locations

- (1) North Las Vegas (CLARK), NV - NL 36-12-45; WL 115-10-04
- (2) Fairfax (FAIRFAX), VA - NL 38-51-36; WL 77-18-30
- (3) MOBILE: North America, from Earth Orbit (space)
- (4) MOBILE: USA
- (5) Loring AFB (AROOSTOOK), ME - NL 46-57-18; WL 67-54-18

Frequency Information

North Las Vegas (CLARK), NV - NL 36-12-45; WL 115-10-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
402.4-403 MHz	FX	35K0F1D	100 W (ERP)	

Fairfax (FAIRFAX), VA - NL 38-51-36; WL 77-18-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
402.4-403 MHz	FX	35K0F1D	100 W (ERP)	

This authorization effective April 01, 2015 and
will expire 3:00 A.M. EST April 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: North America, from Earth Orbit (space)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401-401.7 MHz	MO	35K0F1D	3.98 W (ERP)	

MOBILE: USA

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
402.4-403 MHz	MO	35K0F1D	100 W (ERP)	

Loring AFB (AROOSTOOK), ME - NL 46-57-18; WL 67-54-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
402.4-403 MHz	FX	35K0F1D	1000 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Peter Blouke at (702) 639-4440.
- (5) This assignment is in support of the small business satellite.
- (6) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to NASA assignments.