

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

EXPERIMENTAL

(Nature of Service)

WE2XFH

(Call Sign)

XR FX MO

(Class of Station)

0069-EX-RR-2009

(File Number)

NAME Bigelow Development Aerospace Division, 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; MOBILE: Receive only, within 50 km
- (2) Naalehu (HAWAII), HI - NL 19-00-49; WL 115-39-48; MOBILE: Receive only, within 50 km
- (3) North Pole (Fairbanks North Star), AK - NL 64-48-15; WL 147-30-01; MOBILE: Receive only, within 50 km
- (4) NONGEOSTATIONARY, SP; MOBILE: North America (Space to earth)
- (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; MOBILE: Receive only, within 50 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	FX			

This authorization effective June 30, 2009 and
will expire 3:00 A.M. EST June 30, 2011

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COMMUNICATIONS
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NONGEOSTATIONARY, SP; MOBILE: North America (Space to earth)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	MO	10M0D1D	9.5 W (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8482-8492 MHz	FX			

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.

Special Conditions:

- (3) Operation on this assignment is subject to immediate cessation, if it causes harmful interference to FAA assignments.