

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

EXPERIMENTAL

(Nature of Service)

WH2XFE

(Call Sign)

XT FX MO

(Class of Station)

0114-EX-PL-2014

(File Number)

NAME Northrop Grumman Systems Corporation

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(j) of the Commission's Rules

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-12-31; WL 76-40-52; MOBILE: altitude no higher than 18,000 feet MSL, within 185 km

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-12-31; WL 76-40-52; MOBILE: altitude no higher than 18,000 feet MSL, within 185

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2470-2490 MHz	FX	17M5D2D	4820 W (ERP)	
2470-2490 MHz	MO	17M5D2D	9.6 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) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (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.

This authorization effective June 06, 2014 and
will expire 3:00 A.M. EST June 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.