

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

EXPERIMENTAL

(Nature of Service)

WE2XGS

(Call Sign)

XE FX MO

(Class of Station)

0340-EX-PL-2007

(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(b) of the Commission's Rules

Station Locations

- (1) Elkridge (HOWARD), MD - NL 39-45-53; WL 76-45-14; MOBILE: Elkridge (HOWARD), MD, within 3 km, centered around NL 39-45-53; WL 76-45-14

Frequency Information

Elkridge (HOWARD), MD - NL 39-45-53; WL 76-45-14; MOBILE: Elkridge (HOWARD), MD, within 3 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-462.95 MHz	MO	25K0F3E	0.61 W (ERP)	
450-462.95 MHz	MO	25K0F3E	1.8 W (ERP)	
450-462.95 MHz	FX	25K0F3E	15.2 W (ERP)	
463.2-467.95 MHz	MO	25K0F3E	0.61 W (ERP)	

This authorization effective August 16, 2007 and
will expire 3:00 A.M. EST May 01, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
463.2-467.95 MHz	MO	25K0F3E	1.8 W (ERP)	
463.2-467.95 MHz	FX	25K0F3E	15.2 W (ERP)	
468.2-470 MHz	MO	25K0F3E	0.61 W (ERP)	
468.2-470 MHz	MO	25K0F3E	1.8 W (ERP)	
468.2-470 MHz	FX	25K0F3E	15.2 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 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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 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) Northrop Grumman shall avoid the bands 462.950-463.200 MHz and 467.950-468.200 MHz which are used by hospitals for medical radio communications.