

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

EXPERIMENTAL

(Nature of Service)

WD2XXW

(Call Sign)

XD FX MO

(Class of Station)

0148-EX-RR-2008

(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(i) of the Commission's Rules

Station Locations

- (1) Linthicum (ANNE ARUNDEL), MD - NL 39-11-08; WL 76-41-11
- (2) Huntsville (MADISON), AL - NL 34-38-42; WL 86-41-04
- (3) Eglin AFB (OKALOOSA), FL - NL 30-39-06; WL 86-31-22
- (4) Ridgely (CAROLINE), MD - NL 38-58-12; WL 75-52-00; MOBILE: Ridgely (CAROLINE), MD, at a maximum altitude of 3050 meters, within 15 km, centered around NL 38-58-12; WL 75-52-00

Frequency Information

Linthicum (ANNE ARUNDEL), MD - NL 39-11-08; WL 76-41-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	FX	600MFXN	1 kW (ERP)	

This authorization effective August 01, 2008 and
will expire 3:00 A.M. EST August 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Huntsville (MADISON), AL - NL 34-38-42; WL 86-41-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	FX	600MFXN	1 kW (ERP)	

Eglin AFB (OKALOOSA), FL - NL 30-39-06; WL 86-31-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	FX	600MFXN	1 kW (ERP)	

Ridgely (CAROLINE), MD - NL 38-58-12; WL 75-52-00; MOBILE: Ridgely (CAROLINE), MD, at a maximum altitude of 3050 r

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	600MFXN	1 kW (ERP)	
35500 MHz	FX	600MFXN	1 kW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Northrop Grumman shall coordinate testing with DoD Gulf Frequency Coordinator at (850) 883-5982 and DoD Eastern Area Frequency Coordinator at (407) 494-5837.
- (4) Pulse Width: 0.50 usec to 9.00 usec
- (5) Pulse Repetition Rate: 4 kHz to 100 kHz