

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WB2XCF

(Call Sign)

0445-EX-ST-2005

(File Number)

NAME Northrop Grumman Systems Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Missile testing.

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) 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	600MFXX	1 kW (ERP)	

This authorization effective September 01, 2005 and
will expire 3:00 A.M. EST March 02, 2006

**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	600MFXX	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	600MFXX	1 kW (ERP)	

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	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	600MFXX	1 kW (ERP)	
35500 MHz	FX	600MFXX	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) If any further extensions of this experiment are needed, then an application for a regular experimental license should be submitted as opposed to requesting another experimental Special Temporary Authorization (STA).