

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WB2XCF

(Call Sign)

0159-EX-RR-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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Linthicum, MD, within 10 km, centered around NL 39-11-01; WL 76-41-09
- (2) MOBILE: Huntsville, AL, within 10 km, centered around NL 34-43-22; WL 86-40-40
- (3) MOBILE: Huntsville, AL, within 10 km, centered around NL 34-40-43; WL 86-41-04
- (4) MOBILE: Aberdeen Proving Ground, MD, within 20 km, centered around NL 39-26-24; WL 76-10-00
- (5) MOBILE: Eglin AFB, FL, within 80 km, centered around NL 30-36-12; WL 86-31-10
- (6) MOBILE: St. Louis, MO, within 35 km, centered around NL 38-38-02; WL 90-15-03

Frequency Information

MOBILE: Linthicum, MD, within 10 km, centered around NL 39-11-01; WL 76-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	558MQ0N	1 kW (ERP)	

This authorization effective November 01, 2007 and
will expire 3:00 A.M. EST November 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Huntsville, AL, within 10 km, centered around NL 34-43-22; WL 86-40-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	558MQ0N	1 kW (ERP)	

MOBILE: Huntsville, AL, within 10 km, centered around NL 34-40-43; WL 86-41-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	558MQ0N	1 kW (ERP)	

MOBILE: Aberdeen Proving Ground, MD, within 20 km, centered around NL 39-26-24; WL 76-10-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	558MQ0N	1 kW (ERP)	

MOBILE: Eglin AFB, FL, within 80 km, centered around NL 30-36-12; WL 86-31-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	558MQ0N	1 kW (ERP)	

Frequency Information

MOBILE: St. Louis, MO, within 35 km, centered around NL 38-38-02; WL 90-15-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35500 MHz	MO	558MQ0N	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.