

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

EXPERIMENTAL

(Nature of Service)

WD2XXK

(Call Sign)

XC FX MO

(Class of Station)

0012-EX-AL-2009

(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) San Diego (SAN DIEGO), CA - NL 32-59-31; WL 117-04-48; MOBILE: Advanced Communications Test Center, 1 Rancho Carmel, San Diego (SAN DIEGO), CA, within 17 km, centered around NL 32-59-31; WL 117-04-48

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-59-31; WL 117-04-48; MOBILE: Advanced Communications Test Center, 1 Rancho Carmel, San Diego (SAN DIEGO), CA, within 17 km, centered around NL 32-59-31; WL 117-04-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
39.5 MHz	MO	20K0F3E	50 W (ERP)	
39.5 MHz	FX	20K0F3E	50 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 of possible transient government operations on 40.01 MHz and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.

This authorization effective January 05, 2010 and
will expire 3:00 A.M. EST April 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army contract number W58RGZ-04-C-0288. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.