

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE2XOB

(Call Sign)

0013-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(i) of the Commission's Rules

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-59-25; WL 117-04-46; MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 48.5 km, centered around NL 32-59-25; WL 117-04-46
- (2) MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 17 km, centered around NL 32-59-31; WL 117-04-48

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-59-25; WL 117-04-46; MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 48.5

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
49.8 MHz	MO	25K0F3E	15 W (ERP)	
49.8 MHz	FX	25K0F3E	15 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: SAN DIEGO (SAN DIEGO COUNTY), CA, within 17 km, centered around NL 32-59-31; WL 117-04-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
40 MHz	MO	20K0F3E	50 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.